

3 1761 11728261 6

Government
Publications

Government
Publication



Digitized by the Internet Archive
in 2023 with funding from
University of Toronto

Doc. 203
Canada. Statistics Bureau of
31-201

Government
Publications

586c
CANADA—DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS

GENERAL MANUFACTURES BRANCH

GENERAL REVIEW OF
**The Manufacturing Industries
of Canada, 1941**

SUMMARY REPORT

Published by authority of the Hon. James A. MacKinnon, M.P.,
Minister of Trade and Commerce



OTTAWA
EDMOND CLOUTIER
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1943

Price 50 cents



CANADA—DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS

GENERAL MANUFACTURES BRANCH

The Manufacturing Industries of Canada, 1941

SUMMARY REPORT

Published by authority of the Hon. James A. MacKinnon, M.P.,
Minister of Trade and Commerce



OTTAWA
EDMOND CLOUTIER
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1943

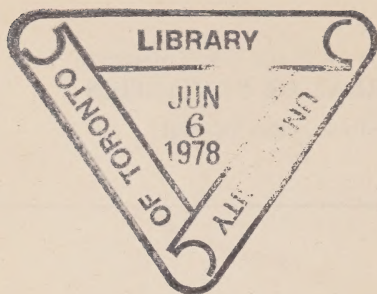


TABLE OF CONTENTS

	PAGE
Part I.—General Analysis of Manufacturing in the Dominion	5
Section 1. <i>Growth of Manufacturing in Canada</i>	7
1. Historical Summary of Statistics of Manufactures for the Dominion, 1870-1941.....	7
2. Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-41.....	8
3. Summary Statistics of Manufactures, by Industrial Groups, Significant Years, 1917-41.....	10
4. Summary Statistics of Manufactures, Significant Years, 1917-41.....	13
5. Consumption of Manufactured Products, by Industrial Groups, 1940, with Totals for 1922-39.....	14
Section 2. <i>Value and Volume of Manufactured Products</i>	14
6. Indexes of the Volume of Manufacturing Production, According to Component Material and Purpose Classifications, Significant Years, 1923-41.....	15
7. Indexes of the Volume of Manufacturing Production for the Groups of the Purpose Classification, Significant Years, 1923-41.....	16
Section 3. <i>Production by Industrial Groups and Individual Industries</i>	16
Subsection 1. Manufactures Grouped by Chief Component Materials.....	16
8. Percentage Variation in Employment, Salaries and Wages, and Gross Value of Products in the Main Industrial Groups Compared for Significant Years, 1929-41.....	17
9. Statistics of the Numbers, Capital, Employees, Salaries and Wages, Power, Fuel, Materials, and Values of Products of Canadian Manufacturing Industries, 1940.....	18
10. Statistics of the Numbers, Capital, Employees, Salaries and Wages, Power, Fuel, Materials, and Values of Products of Canadian Manufacturing Industries, 1941.....	24
Subsection 2. Manufactures Classified by the Purpose of the Products.....	32
11. Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups, Significant Years, 1922-40, and in Detail for 1941.....	32
Subsection 3. Manufactures Classified by Origin of the Materials.....	34
12. Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Materials Used, by Main Groups, Significant Years, 1924-41.....	35
Subsection 4. Leading Manufacturing Industries.....	37
13. Principal Statistics of the Forty Leading Industries of Canada, Ranked According to the Gross Value of the Products, 1940.....	38
14. Principal Statistics of the Forty Leading Industries of Canada, Ranked According to the Gross Value of the Products, 1941.....	39
Section 4. <i>Principal Factors in Manufacturing Production</i>	40
Subsection 1. Capital Employed.....	40
15. Percentage Distribution of Capital Employed in the Manufacturing Industries of Canada, by Provinces and Industrial Groups, Significant Years, 1917-41.....	40
16. Forms of Capital Employed in the Manufacturing Industries of Canada, by Provinces and Industrial Groups, 1941, with Totals for Significant Years, 1924-40.....	41
Subsection 2. Employment in Manufactures.....	41
17. Salaried Employees and Wage-Earners in the Manufacturing Industries of Canada, with Volume of Manufacturing Production and Comparative Efficiency of Production, 1931-41.....	43
18. Wage-Earners Employed in the Manufacturing Industries of Canada, by Months and Sex, Significant Years, 1922-41.....	
19. Wage-Earners in Manufacturing Working Specified Numbers of Hours per Week in the Month of Highest Employment, 1938-41.....	45
20. Wage-Earners Working Specified Weekly Hours in the Month of Highest Employment, by Sex, Province, and Industrial Group, 1941.....	46
21. Male Wage-Earners in the Forty Leading Industries Working Specified Weekly Hours in the Month of Highest Employment, 1941.....	48
22. Female Wage-Earners in the Forty Leading Industries Working Specified Weekly Hours in the Month of Highest Employment, 1941.....	49
Subsection 3. Salaries and Wages in Canadian Manufacturing Industries.....	50
23. Salaries and Wages Paid in the Manufacturing Industries of Canada, by Provinces and Industrial Groups, 1941, with Totals for Significant Years, 1917-40.....	50
24. Salaries and Wages Paid in the Forty Leading Industries, 1941, with Comparative Figures of Average Salaries and Wages Paid in 1940.....	52
25. Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners, 1934-41.....	53
26. Average Annual, Weekly, and Hourly Earnings of Wage-Earners, Classified by Sex, Province and Industrial Group, 1941.....	54
27. The Forty Leading Industries Employing the Greatest Number of Male Wage-Earners, Ranked According to the Average Annual, Weekly and Hourly Earnings, 1941.....	55

TABLE OF CONTENTS—Concluded

	PAGE
Part I.—General Analysis of Manufacturing in the Dominion—concluded.	
28. The Forty Leading Industries Employing the Greatest Number of Female Wage-Earners, Ranked According to the Average Annual, Weekly and Hourly Earnings, 1941.....	56
29. Average Yearly Earnings, and Index Numbers of Earnings, Cost of Living and Real Wages of Wage-Earners, in Manufacturing Industries, 1931-41.....	57
30. Percentages of Salaries and Wages Paid to the Total Net Values of Manufacturing Production, 1924-41.....	58
Subsection 4. Size of Manufacturing Establishments.....	58
31. Manufacturing Establishments Grouped According to Gross Values of Products, with Total and Average Values of Products in each Class, for Canada, 1929, 1939, 1940 and 1941.....	59
32. Establishments and Employees in Canadian Manufactures, Grouped According to the Number of Employees per Establishment, 1929, 1939, 1940 and 1941.....	59
33. Percentage Importance of Establishments, Each Employing 200 or more Persons, in the Twenty-Five Leading Industries, 1941.....	60
34. Principal Statistics of the Twenty-Five Leading Industries, Grouped According to Number of Employees per Establishment, 1941.....	61
Subsection 5. Power and Fuel.....	64
35. Power Equipment Installed in the Manufacturing Industries of Canada, 1931-40, with Details by Provinces and Industrial Groups, 1941.....	65
36. Fuel and Electricity Used in the Manufacturing Industries of Canada, 1931-40 with Details by Provinces and Industrial Groups, 1941.....	67
Part II.—Provincial and Local Distribution of Manufacturing Production.....	68
1. Summary Statistics of Manufactures in Each Province, Classified by Industrial Groups, 1941.....	68
2. Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Number of Employees per Establishment, 1941.....	71
Section 1. The Manufactures of the Maritime Provinces, 1941.....	73
3. Statistics of the Leading Industries of the Maritime Provinces, 1941.....	73
Section 2. The Manufactures of Quebec, 1941.....	74
4. Statistics of the Leading Industries of the Province of Quebec, 1941.....	75
Section 3. The Manufactures of Ontario, 1941.....	76
5. Statistics of the Leading Industries of the Province of Ontario, 1941.....	76
Section 4. The Manufactures of the Prairie Provinces, 1941.....	77
6. Statistics of the Leading Industries of the Prairie Provinces, 1941.....	78
Section 5. The Manufactures of British Columbia, 1941.....	79
7. Statistics of the Leading Industries of British Columbia, 1941.....	79
Section 6. Manufacturing Industries in Cities and Towns.....	80
8. Cities and Towns with a Gross Manufacturing Production of over \$1,000,000 each, Number of Establishments and Total Gross Production in such Cities and Towns as a Percentage of the Grand Total, by Provinces, 1941.....	80
9. Principal Statistics of the Manufacturing Industries of the Six Leading Manufacturing Cities of Canada, 1933-41.....	81
10. Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1941.....	82
11. Principal Statistics by Counties and Census Divisions, 1940.....	85
12. Principal Statistics by Counties and Census Divisions, 1941.....	89
Appendix I—	
Principal Statistics of the Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1941.....	93
Appendix II—	
Alphabetical List of Products Manufactured in Canada, 1941.....	105
List of Publications on the Census of Manufactures.....	142

Dominion Bureau of Statistics—General Manufactures Branch

OTTAWA, CANADA

Dominion Statistician: S. A. CUDMORE, M.A. (Oxon.), F.S.S., F.R.S.C.

Chief, General Manufactures Branch: A. COHEN, B. Com.

THE MANUFACTURING INDUSTRIES OF CANADA, 1941

Introduction

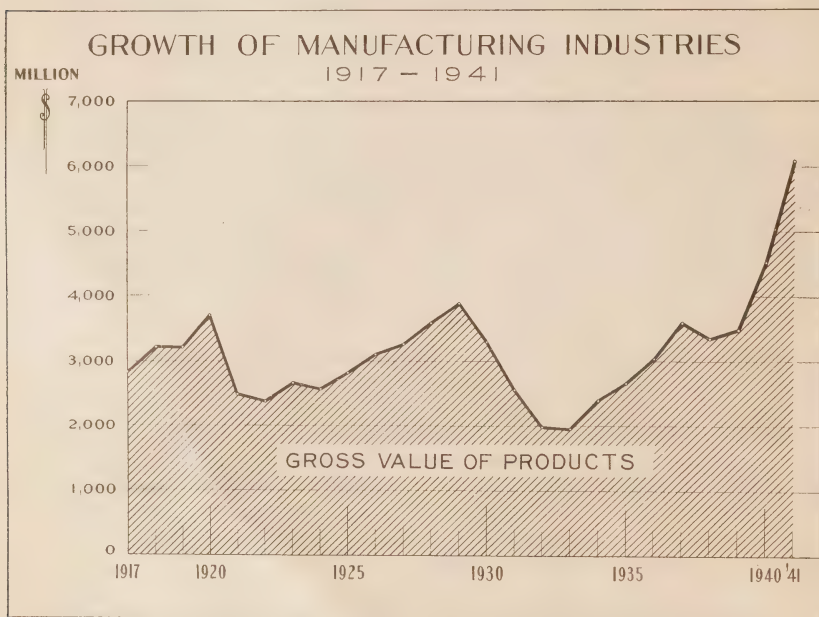
This report deals with manufacturing industries in Canada in two main Parts. Part I gives general analyses of manufactures in the Dominion including: the historical development of manufacturing in Canada in so far as statistical data are available; production by industrial groups and individual industries giving a detailed treatment of current production under various groupings and individual industries; general analyses of the principal factors in manufacturing production under such sub-headings as capital, employment, salaries and wages, size of establishment, and power and fuel. Part II deals with the provincial and local distribution of manufacturing production.

With regard to the first section of Part I, dealing with historical development, it has been impossible to compile absolutely comparable statistics over a long period of years. From 1870 to 1915 statistics were collected only in connection with decennial or quinquennial censuses, and there was inevitably some variation in the information collected. The annual Census of Manufactures was instituted in 1917 and, while numerous changes have been made since then in the information collected and the treatment of the data, an effort has been made to carry all major revisions, in so far as possible, back to 1917, so that the figures for the period since then are on a reasonably comparable basis.

The far-reaching influence of the War of 1914-18 was, of course, the outstanding factor in the growth recorded prior to the war now being waged. It was during these years that Canadian manufactures began to develop on a really large scale. Munitions contracts placed by the Imperial Munitions Board of Canada in those years totalled well over \$1,000,000,000 and these did not include such fields of production as ship-building and aviation, which are very important to the present Canadian effort. Ship-building construction alone during the First World War amounted to \$35,000,000 in 1917, \$75,000,000 in 1918 and \$86,000,000 in 1919. In the same three years, employees in the ship-building industry numbered 12,000, 22,000 and 25,000, respectively.

Canada's effort in the present War has brought manufacturing production to a much higher level than ever before. The output of manufactured products in 1941 amounted to \$6,076,308,124 which represents an increase of 75 p.c. over the pre-war year of 1939, and an increase of 56 p.c. compared with the pre-war maximum

attained in 1929. Great though the advance may be, the output of manufactured products has not reached yet the peak, and will increase as the War goes on. According to the latest official statement issued, contracts placed and commitments made for Canadian and British account had reached the enormous total of about \$9,000,000,000 by the end of June, 1943. The War has now entered the fifth year and there can be little doubt that industrial production in Canada is on the threshold of much greater and more diversified development than was thought possible even a few years ago. The present scale of operations and the urgent needs of the Commonwealth and of our Allies has meant a thorough-going transformation in industrial production. Undoubtedly the effects will be far-reaching and will complicate post-war readjustments in industry.



In the Manufactures Chapter of the Canada Year Book 1942 is published an article covering the transition in Canadian industry up to that point. This article will be brought up to date in the 1943-44 edition and as the War progresses the changes will be traced still further. It is hoped that students of Canadian manufacturing will, after the War, be able to obtain a better picture of these modifications than was possible during the First World War. This readjustment of industry from a war-time to a peace-time basis will involve stupendous problems that will require the most complete study of the changes now taking place and their causes.

PART I.—GENERAL ANALYSES OF MANUFACTURING IN THE DOMINION

Section 1.—Growth of Manufacturing in Canada

This section gives a picture of the growth of manufacturing, in general, as shown by comparable principal statistics, i.e., establishments, capital, employees, salaries and wages paid, cost of materials, and values of products. Other useful comparisons are made in Table 4 and figures of consumption are given in Table 5. Tables 6 and 7 show volume comparisons.

1.—Historical Summary of Statistics of Manufactures for the Dominion, 1870-1941

NOTE.—Statistics of the non-ferrous metal smelting industries were included in manufactures for the first time in 1925.

Year	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
(All establishments irrespective of the number of employees)							
1870.....	41,259	77,964,020	187,942	40,851,009	124,907,846	96,709,927	221,617,773
1880.....	49,722	165,302,623	254,935	59,429,002	179,918,593	129,757,475	309,676,068
1890.....	75,964	353,213,000	369,595	100,415,350	250,759,292	219,088,594	469,847,886
(Establishments with five hands or over)							
1890.....	14,065	²	272,033	79,234,311	²	²	368,696,723
1900.....	14,650	446,916,487	339,173	113,249,350	266,527,858	214,525,517	481,053,375
1910.....	19,218	1,247,583,609	515,203	241,008,416	601,509,018	564,466,621	1,165,975,639
1915.....	15,593	1,958,705,230	²	283,311,505	791,943,433	589,603,792	1,381,547,225
(All establishments irrespective of the number of employees) ³							
1917.....	21,845	2,333,991,229	606,523	497,801,844	1,539,678,811	1,281,131,980	2,820,810,791
1918.....	21,777	2,518,197,329	602,179	567,991,171	1,827,631,548	1,399,794,849	3,227,426,397
1919.....	22,083	2,670,559,435	594,066	601,715,668	1,779,056,765	1,442,400,638	3,221,457,403
1920.....	22,532	2,923,667,011	598,893	717,493,876	2,085,271,649	1,621,273,348	3,706,544,997
1921.....	20,848	2,697,858,073	438,555	497,399,761	1,865,292,885	1,123,694,263	2,488,987,148
1922.....	21,016	2,667,493,290	456,256	489,397,230	1,272,651,585	1,103,266,106	2,375,917,691
1923.....	21,080	2,788,051,630	506,203	549,529,631	1,456,595,367	1,206,332,107	2,662,927,474
1924.....	20,709	2,895,317,508	487,610	534,467,675	1,422,573,946	1,075,458,459	2,570,561,931
1925 ³	20,981	3,065,730,916	522,924	569,944,442	1,571,788,252	1,167,936,726	2,816,864,958
1926 ³	21,301	3,208,071,197	559,161	625,682,242	1,712,519,991	1,305,168,549	3,100,604,637
1927 ³	21,501	3,454,825,529	595,052	662,705,332	1,741,128,711	1,427,649,292	3,257,214,876
1928 ³	21,973	3,804,062,566	631,429	721,471,634	1,894,027,188	1,597,887,676	3,582,345,302
1929 ³	22,216	4,004,892,009	666,531	777,291,217	2,029,670,813	1,755,386,937	3,883,446,116
1930 ³	22,618	4,041,030,475	614,696	697,555,378	1,664,787,763	1,522,737,125	3,280,236,603
1931.....	23,083	3,705,701,893	528,640	587,566,990	1,221,911,982	1,252,017,248	2,555,126,448
1932.....	23,102	3,380,475,509	468,833	473,601,716	954,381,097	955,960,724	1,980,471,543
1933.....	23,780	3,279,259,838	468,658	436,247,824	967,788,928	919,671,181	1,954,075,785
1934.....	24,209	3,249,348,864	519,812	503,851,055	1,229,513,621	1,087,301,742	2,393,692,729
1935.....	24,034	3,216,403,127	556,664	559,467,777	1,419,146,217	1,153,485,104	2,653,911,209
1936.....	24,202	3,271,263,531	594,359	612,071,434	1,624,213,996	1,289,592,672	3,002,403,814
1937.....	24,834	3,465,227,831	660,451	721,727,037	2,006,926,787	1,508,924,867	3,625,459,500
1938.....	25,200	3,485,683,018	642,016	705,668,589	1,807,478,028	1,428,286,778	3,337,681,366
1939.....	24,805	3,647,024,449	658,114	737,811,153	1,836,159,375	1,531,051,901	3,474,783,528
1940.....	25,513	4,095,716,836	762,244	920,872,865	2,449,721,903	1,942,471,238	4,529,173,316
1941.....	26,293	4,905,503,966	961,178	1,264,862,643	3,296,547,019	2,605,119,788	6,076,308,124

¹ In accordance with a resolution passed by the Conference of British Commonwealth Statisticians, 1935, the net value of production is now computed by subtracting the cost of fuel and electricity as well as the cost of materials from the gross value of the products. The figures for 1924 and later years have, therefore, been revised in accordance with this resolution. The revision could not be carried farther back as statistics for cost of electricity are not available for years prior to 1924.

² Not reported.

³ A change in the method of computing the number of wage-earners in the years 1925 to 1930, inclusive, increased the number somewhat over that which the method otherwise used would have given. In 1931, however, the method in force prior to 1925 was re-adopted. The figures for 1931 and later years are, therefore, comparable with those for 1924 and earlier years.

2.—Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-41

Province and Year	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
Prince Edward Island—							
1917.....	411	2,008,082	1,556	663,251	3,087,621	1,750,135	4,837,756
1920.....	373	2,328,686	1,286	855,210	4,164,223	2,135,856	6,300,080
1922.....	340	2,446,574	1,086	593,660	2,620,235	1,660,282	4,280,517
1929 ²	263	2,646,354	2,074	727,286	2,862,725	1,466,446	4,408,608
1933.....	249	2,256,307	991	529,684	1,590,834	1,126,826	2,775,787
1936.....	233	2,394,532	996	553,008	2,200,028	1,055,201	3,311,223
1937.....	240	2,637,472	1,062	607,547	2,386,091	1,117,298	3,566,991
1938.....	229	2,652,783	1,041	582,725	2,379,543	1,131,902	3,570,667
1939.....	222	2,682,900	1,088	617,945	2,239,117	1,243,979	3,543,681
1940.....	219	2,940,818	1,057	645,800	2,518,233	1,270,233	3,856,544
1941.....	213	3,106,369	1,105	680,883	3,229,433	1,347,990	4,649,476
Nova Scotia—							
1917.....	1,337	124,357,851	25,252	18,838,051	102,415,215	57,565,703	159,980,918
1920.....	1,343	135,679,188	23,424	25,625,089	85,724,785	61,371,243	147,096,028
1922.....	1,092	98,117,897	13,678	11,586,235	37,980,329	27,516,271	65,496,600
1929 ²	1,094	118,951,398	19,986	16,905,885	50,725,562	35,676,421	89,787,548
1933.....	1,277	92,004,624	12,211	9,604,680	25,354,319	19,988,257	47,912,432
1936.....	1,158	87,888,353	15,944	13,784,556	36,077,900	27,788,510	67,784,970
1937.....	1,135	94,756,601	18,088	16,727,338	46,964,053	33,146,796	84,393,656
1938.....	1,102	91,393,782	16,810	15,570,669	39,703,367	31,375,251	74,860,605
1939.....	1,083	101,954,082	17,627	16,651,685	43,332,195	35,885,563	83,139,572
1940.....	1,155	111,652,959	21,062	21,519,617	62,160,537	46,548,446	113,814,650
1941.....	1,177	124,409,791	24,577	27,527,339	76,779,821	51,318,369	133,873,428
New Brunswick—							
1917.....	943	60,301,007	19,710	12,893,014	32,380,621	27,027,725	59,408,346
1920.....	901	101,216,395	19,007	19,266,821	60,812,641	45,803,164	106,615,805
1922.....	846	77,036,627	13,934	11,801,670	38,032,967	25,163,444	63,196,411
1929 ²	803	91,376,948	17,952	15,127,716	39,800,366	26,640,786	68,145,012
1933.....	747	90,148,317	11,336	9,308,100	20,442,421	18,166,713	41,345,622
1936.....	784	81,468,098	13,710	11,855,051	29,292,851	23,781,487	56,225,201
1937.....	805	89,797,597	15,612	14,563,310	36,983,284	28,770,727	69,479,207
1938.....	826	81,965,576	13,967	13,177,238	31,578,262	23,865,877	58,570,952
1939.....	803	91,171,323	14,501	13,659,162	35,617,614	27,041,195	66,058,151
1940.....	777	93,108,166	16,859	17,639,789	46,939,404	38,253,475	89,281,008
1941.....	791	97,952,799	19,600	21,718,407	59,234,107	47,296,960	111,433,726
Quebec—							
1917.....	7,032	662,012,875	188,040	141,007,616	385,212,984	380,882,409	766,095,393
1920.....	7,530	878,859,638	183,748	202,516,550	553,558,520	499,643,217	1,053,201,737
1922.....	7,190	800,859,568	143,584	139,876,821	333,298,544	346,020,126	679,318,670
1929 ²	6,948	1,246,208,650	206,580	225,226,808	537,270,055	357,796,395	1,108,592,775
1933.....	7,856	1,035,339,591	157,481	134,693,386	292,560,568	288,504,782	604,496,078
1936.....	7,969	1,029,546,039	194,876	182,319,454	455,027,759	377,514,998	863,687,389
1937.....	8,518	1,117,772,721	219,033	216,971,207	562,889,180	445,885,666	1,046,470,796
1938.....	8,655	1,146,235,054	214,397	213,390,084	518,430,815	428,614,079	983,123,599
1939.....	8,373	1,182,538,441	220,321	223,757,767	536,823,039	470,385,279	1,045,757,585
1940.....	8,381	1,345,927,911	252,492	277,639,876	713,132,575	595,552,909	1,357,375,776
1941.....	8,711	1,700,527,405	327,591	393,819,671	961,162,209	815,086,832	1,841,088,523
Ontario—							
1917.....	9,061	1,157,850,643	299,842	258,891,136	794,556,502	662,174,261	1,456,730,763
1920.....	9,113	1,464,097,346	295,674	362,941,317	1,071,843,374	792,267,562	1,864,110,936
1922.....	8,703	1,400,041,955	235,070	265,818,003	674,025,732	572,098,704	1,246,124,436
1929 ²	9,348	1,986,736,556	328,533	406,622,627	1,056,530,202	916,971,816	2,020,492,433
1933.....	9,542	1,587,947,947	224,816	220,530,088	464,544,563	465,103,842	958,776,858
1936.....	9,753	1,588,484,130	288,992	314,872,843	822,884,081	686,470,917	1,547,551,931
1937.....	9,796	1,674,806,201	321,743	373,018,048	1,025,871,741	894,703,114	1,880,388,188
1938.....	9,883	1,676,896,175	311,274	362,351,277	909,958,721	757,620,632	1,712,496,421
1939.....	9,824	1,762,571,669	318,871	378,376,209	907,011,461	791,428,569	1,745,674,707
1940.....	10,040	1,988,461,940	372,643	479,399,188	1,236,738,529	1,004,529,583	2,302,014,654
1941.....	10,250	2,336,788,884	468,230	660,722,278	1,683,912,216	1,360,055,756	3,121,756,568

¹ See footnote 1, Table 1.² See footnote 3, Table 1.

2.—Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-41 —concluded

Province and Year	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
Manitoba—							
1917.....	732	82,566,858	18,939	16,513,423	69,715,149	42,280,801	111,995,950
1920.....	745	94,424,145	23,727	32,372,081	92,729,271	62,776,912	155,506,183
1922.....	697	65,172,676	13,076	16,853,345	54,373,811	36,842,899	91,216,710
1929 ²	861	121,363,898	24,012	31,224,596	87,832,324	63,925,015	155,266,294
1933.....	1,010	100,074,404	18,871	18,687,430	44,579,998	37,390,275	83,934,777
1936.....	1,011	118,515,841	22,507	24,490,299	74,374,078	45,015,577	122,050,502
1937.....	1,043	119,363,026	23,706	27,198,978	87,684,514	49,950,465	140,805,451
1938.....	1,072	114,367,743	23,507	27,195,923	80,447,740	48,308,248	131,770,280
1939.....	1,087	119,659,365	23,910	28,444,798	82,408,293	48,810,544	134,293,595
1940.....	1,171	132,978,496	26,679	31,940,562	101,693,250	62,352,698	167,919,165
1941.....	1,184	163,489,471	32,262	40,894,267	132,330,823	74,450,721	211,534,751
Saskatchewan—							
1917.....	560	24,372,585	6,230	5,402,332	22,040,674	13,894,179	35,934,853
1920.....	556	24,640,520	6,769	9,657,478	34,894,105	22,610,861	57,504,966
1922.....	490	22,734,469	3,494	4,734,885	22,366,129	13,186,266	35,552,395
1929 ²	594	43,925,797	7,025	9,105,597	51,003,566	23,002,952	75,368,605
1933.....	673	38,688,433	4,782	4,848,763	19,124,030	11,478,634	31,559,387
1936.....	694	42,055,557	5,782	6,013,378	35,311,152	15,185,500	51,604,510
1937.....	689	39,279,050	6,107	6,758,154	43,782,999	17,068,655	62,205,884
1938.....	678	38,364,021	6,123	6,988,061	43,437,556	16,143,335	61,027,853
1939.....	737	37,654,095	6,475	7,346,127	38,782,135	20,283,273	60,650,589
1940.....	814	40,698,082	7,415	8,412,580	48,654,473	25,857,683	76,284,332
1941.....	945	42,158,738	8,546	9,979,974	65,836,308	28,172,441	96,020,975
Alberta—							
1917.....	636	49,146,241	9,464	8,662,417	42,632,212	23,883,673	66,515,885
1920.....	666	48,310,655	10,960	15,218,013	56,139,646	29,812,891	85,952,537
1922.....	556	41,154,178	6,516	8,293,572	30,189,648	18,939,659	49,129,307
1929 ²	736	81,875,952	12,216	14,585,734	62,500,175	36,824,966	100,966,196
1933.....	874	69,604,563	9,753	9,573,468	29,425,975	18,876,929	49,395,514
1936.....	905	70,224,578	11,756	12,328,471	47,684,029	25,000,136	74,052,010
1937.....	895	70,804,070	12,524	13,903,062	55,898,599	28,923,095	86,225,069
1938.....	970	69,192,348	12,684	14,367,789	54,345,594	30,755,626	86,675,500
1939.....	961	73,284,225	12,712	14,977,700	53,151,149	32,618,153	87,474,080
1940.....	1,068	78,440,506	14,191	16,824,993	67,429,671	37,747,215	107,313,964
1941.....	1,108	95,676,318	16,761	20,151,705	94,176,887	45,958,219	142,651,493
British Columbia and Yukon—							
1917.....	1,133	171,375,087	37,490	34,930,604	87,637,833	71,673,094	159,310,927
1920.....	1,305	174,110,438	34,298	49,041,317	125,405,084	104,851,641	230,256,725
1922.....	1,102	159,929,346	25,818	29,839,039	79,764,190	61,838,455	141,602,645
1929 ²	1,569	311,806,456	48,153	57,764,968	141,145,838	113,082,137	260,418,645
1933.....	1,552	263,195,652	28,417	28,469,225	70,166,220	59,034,923	133,879,330
1936.....	1,695	250,686,403	39,796	45,854,374	121,362,118	87,780,346	216,136,078
1937.....	1,713	256,011,093	42,576	51,979,393	144,466,346	99,359,051	251,924,258
1938.....	1,785	264,615,506	42,213	52,044,823	127,196,430	90,471,898	225,585,489
1939.....	1,710	274,969,502	42,554	53,881,994	136,655,872	103,263,292	247,948,600
1940.....	1,879	300,841,677	49,768	66,727,184	170,357,991	130,206,263	311,046,478
1941.....	1,905	340,609,179	62,447	89,256,478	219,755,738	181,232,637	412,957,807
Yukon and N.W.T.—							
1939.....	5	538,847	55	97,766	138,500	92,054	242,968
1940.....	9	666,281	78	123,276	97,240	152,733	266,745
1941.....	9	785,012	59	111,641	129,477	199,863	341,377

¹ See footnote 1, Table 1.² See footnote 3, Table 1.

3.—Summary Statistics of Manufactures, by Industrial Groups, Significant Years, 1917-41

Industrial Group and Year	Establishments	Capital	Employees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
Vegetable Products—							
1917.....	4,151	279,627,827	62,791	45,916,557	367,214,061	183,782,501	550,996,562
1920.....	4,549	402,383,047	74,241	77,750,189	536,828,044	239,328,371	776,156,415
1922.....	4,638	379,567,139	64,753	66,228,286	333,295,009	210,835,301	544,130,310
1929 ²	5,350	581,820,861	91,032	95,853,121	431,595,751	341,688,938	783,706,883
1933.....	5,916	522,389,736	75,416	68,535,349	226,879,373	196,820,952	432,315,617
1936.....	5,824	524,164,493	87,071	84,397,961	333,562,766	254,135,013	597,461,635
1937.....	5,968	539,531,357	94,258	94,632,901	395,491,147	266,869,693	672,540,163
1938.....	6,076	531,073,166	95,541	98,750,708	370,466,550	267,471,208	648,159,901
1939.....	5,872	539,446,225	99,447	104,248,785	356,726,153	292,129,840	659,624,014
1940.....	5,861	586,790,195	103,634	111,915,850	430,120,335	295,582,069	738,432,443
1941.....	5,948	634,728,760	113,753	131,066,093	532,876,217	349,912,287	897,978,448
Animal Products—							
1917.....	5,486	207,165,245	46,994	35,753,133	320,302,039	124,103,990	444,406,029
1920.....	4,833	221,792,457	48,687	54,291,606	400,496,354	152,995,130	553,491,484
1922.....	5,118	201,829,414	49,595	49,933,679	264,078,631	107,473,382	371,552,013
1929 ²	4,490	243,825,065	67,670	62,081,423	345,351,882	127,929,857	477,761,855
1933.....	4,496	201,993,642	53,111	40,453,188	179,429,948	87,629,444	271,068,210
1936.....	4,433	222,299,844	63,609	57,829,529	283,265,546	109,823,848	397,955,241
1937.....	4,435	230,312,163	67,996	64,816,361	326,537,087	118,117,971	449,733,908
1938.....	4,389	227,300,762	66,660	64,752,517	317,907,853	118,950,278	442,198,408
1939.....	4,362	250,335,831	69,358	68,231,871	333,647,306	122,821,410	461,983,262
1940.....	4,250	261,794,531	73,666	75,226,038	398,487,114	141,233,679	546,336,264
1941.....	4,240	303,657,373	82,131	90,185,037	534,909,242	165,416,939	708,220,447
Textiles and Textile Products—							
1917.....	1,033	190,664,564	76,315	47,386,592	131,071,158	109,227,157	240,298,315
1920.....	1,304	302,758,185	87,730	84,433,609	256,233,300	173,741,035	429,974,335
1922.....	1,089	259,324,870	80,558	69,685,529	151,333,320	142,577,057	293,910,377
1929 ²	1,534	360,762,584	103,881	94,969,433	217,954,088	180,469,064	403,205,809
1933.....	1,740	298,730,436	95,707	72,813,424	143,184,861	131,065,992	279,475,267
1936.....	1,879	316,273,003	114,966	95,016,170	197,336,683	162,677,272	366,285,008
1937.....	1,941	322,204,180	121,677	105,056,051	219,813,775	174,076,945	400,833,726
1938.....	1,927	307,299,840	115,745	99,275,365	180,050,478	159,978,801	346,215,005
1939.....	1,930	347,248,927	121,022	107,117,035	203,618,197	181,927,898	392,657,759
1940.....	1,958	394,493,058	138,973	133,136,316	298,656,288	240,338,903	547,451,110
1941.....	2,104	439,078,775	156,892	159,339,028	367,149,392	290,105,448	666,438,539
Wood and Paper Products—							
1917.....	7,258	538,022,224	153,701	115,198,434	150,122,143	249,201,596	399,323,739
1920.....	7,881	774,937,232	144,391	172,368,578	309,813,724	417,256,115	727,069,839
1922.....	6,966	761,020,831	118,364	132,092,249	206,860,089	283,006,200	489,866,289
1929 ²	7,392	1,151,463,962	164,572	192,088,948	313,797,201	381,485,477	724,972,308
1933.....	7,891	892,652,622	105,080	102,218,652	134,663,641	184,233,540	341,326,701
1936.....	8,175	874,592,781	132,374	141,301,340	205,978,921	261,020,034	497,103,666
1937.....	8,497	927,070,757	147,254	165,298,485	256,269,941	306,961,553	597,061,878
1938.....	8,684	951,092,969	141,974	158,873,650	277,707,841	277,002,267	533,210,257
1939.....	8,538	960,804,672	144,782	165,287,455	246,292,820	303,662,441	579,892,183
1940.....	9,276	1,021,849,742	160,868	193,765,595	315,995,317	396,891,501	750,631,337
1941.....	9,420	1,086,022,546	179,967	227,821,739	386,999,813	463,967,834	892,936,114
Iron and Its Products—							
1917.....	1,495	695,677,552	161,745	161,875,426	378,193,116	371,792,489	749,985,605
1920.....	1,789	726,371,335	164,087	231,595,911	377,499,134	411,875,057	789,374,191
1922.....	1,083	567,011,222	78,565	95,443,053	171,529,909	170,769,391	342,299,300
1929 ²	1,224	826,063,942	142,772	203,740,658	405,818,468	367,465,582	790,726,338
1933.....	1,334	614,632,403	73,348	72,296,179	98,793,191	109,198,169	216,828,992
1936.....	1,317	600,424,322	107,203	126,537,657	227,886,781	211,572,641	453,385,553
1937.....	1,345	651,398,528	127,148	163,261,130	328,091,063	280,165,582	624,819,877
1938.....	1,391	657,304,274	121,235	154,459,640	272,544,238	261,639,134	548,801,929
1939.....	1,394	697,893,720	121,041	158,559,728	262,292,771	275,774,796	553,468,880
1940.....	1,433	837,382,032	164,325	242,737,569	454,479,763	429,461,950	906,103,055
1941.....	1,759	1,138,701,669	253,701	408,064,135	715,595,982	735,511,841	1,453,169,765

¹ See footnote 1, Table 1.² See footnote 3, Table 1.

3.—Summary Statistics of Manufactures, by Industrial Groups, Significant Years, 1917-41—concluded

Industrial Group and Year	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
Non-Ferrous Metal Products—							
1917.....	296	69,421,911	18,220	15,898,890	46,445,469	41,039,351	87,484,820
1920.....	324	109,382,033	23,162	27,895,343	48,434,120	52,847,178	101,281,298
1922.....	325	102,208,275	18,222	21,451,629	30,861,895	39,993,798	70,855,693
1929 ²	408	298,721,106	39,867	54,501,806	124,900,632	150,415,215	283,545,666
1933.....	478	266,266,443	25,273	28,099,026	71,990,608	88,427,984	164,765,604
1936.....	512	266,322,074	36,935	45,091,191	212,783,636	132,423,707	351,164,860
1937.....	526	306,522,643	44,614	57,722,728	282,532,128	182,968,223	482,440,562
1938.....	521	327,463,534	44,440	58,010,696	252,624,911	164,692,324	434,699,676
1939.....	526	346,489,890	44,563	59,684,858	242,063,177	155,808,806	416,060,459
1940.....	545	425,766,853	54,317	75,655,811	307,808,225	210,352,784	540,781,367
1941.....	579	545,862,427	73,450	108,895,000	406,132,161	288,823,325	726,348,447
Non-Metallic Mineral Products—							
1917.....	1,075	145,423,082	20,781	18,224,724	36,994,392	58,092,396	95,086,788
1920.....	846	215,281,921	25,500	32,351,764	69,856,558	80,205,472	150,062,030
1922.....	812	230,486,004	20,932	25,401,278	60,671,305	74,022,607	134,693,912
1929 ²	843	316,692,818	29,257	38,958,390	112,573,103	99,065,847	229,774,300
1933.....	770	295,139,543	16,975	19,282,401	69,077,701	52,817,078	131,325,706
1936.....	803	282,596,535	21,974	26,402,410	96,534,218	68,707,776	177,771,597
1937.....	823	287,473,542	23,837	30,389,958	115,938,578	77,667,225	208,205,148
1938.....	856	283,268,960	22,799	29,774,927	108,574,069	74,967,075	197,620,490
1939.....	809	290,865,285	23,026	30,067,934	107,979,292	85,511,631	208,166,781
1940.....	804	309,092,155	25,415	34,897,235	139,312,380	97,693,069	255,624,328
1941.....	773	325,032,038	28,829	42,376,214	183,140,990	117,425,887	324,289,898
Chemicals and Allied Products—							
1917.....	539	175,836,690	56,153	51,505,484	99,068,092	131,381,995	230,450,087
1920.....	464	122,123,730	17,653	22,193,421	62,644,608	65,183,212	127,827,820
1922.....	469	118,025,483	14,082	16,770,503	37,650,061	48,981,277	86,631,338
1929 ²	554	165,886,912	16,694	22,639,449	55,184,337	78,785,911	138,545,221
1933.....	696	153,900,930	15,397	18,738,629	34,271,854	55,394,284	92,820,761
1936.....	745	147,664,533	19,910	25,227,267	52,482,873	69,854,217	126,874,791
1937.....	754	161,165,068	21,968	28,612,719	64,460,947	79,290,240	148,973,220
1938.....	790	161,266,586	21,896	29,570,517	60,714,102	80,506,965	146,139,312
1939.....	808	172,459,365	22,595	31,567,553	65,230,839	89,046,832	159,536,984
1940.....	804	213,610,510	27,682	38,640,990	82,534,474	104,121,900	193,890,338
1941.....	849	358,429,529	54,014	75,634,741	134,924,947	157,304,350	304,400,569
Miscellaneous Industries—							
1917.....	512	32,152,134	9,823	6,042,604	10,268,341	12,510,505	22,778,846
1920.....	552	48,637,071	13,442	14,613,455	23,465,807	27,841,778	51,307,585
1922.....	516	48,020,052	11,185	12,391,024	16,371,366	25,607,093	41,978,459
1929 ²	421	59,654,759	10,786	12,457,989	22,495,351	28,081,046	51,207,736
1933.....	459	33,554,083	8,351	7,810,976	9,497,751	14,083,738	24,138,927
1936.....	514	36,925,946	10,317	10,267,909	14,382,572	19,378,164	34,401,463
1937.....	545	39,549,593	11,699	11,936,704	17,792,121	22,807,435	41,251,018
1938.....	566	39,612,927	11,726	12,200,569	16,887,986	23,078,726	40,636,388
1939.....	566	41,480,534	12,280	13,045,929	18,308,810	24,368,247	43,393,206
1940.....	582	44,937,760	13,364	14,897,461	22,328,007	26,795,383	49,923,074
1941.....	621	73,990,849	18,441	21,480,656	34,818,275	36,651,877	72,525,897

¹ See footnote 1, Table 1.² See footnote 3, Table 1.

Summary Statistics of Manufactures.—The figures in Table 4 trace the tendencies in Canadian manufacturing industries as clearly as possible through the latest period of their development. In analysing statistics of production and materials used, it should be borne in mind that, due to the inflation of values from 1914 through the immediate post-war period and the drop in prices of commodities during the depressions following 1921 and 1930, the figures for these periods are not completely comparable. One very important figure, however, which shows the trend of development clearly, is concerned with the use of power. The total horse-power employed increased from 1,658,475 in 1917 to 5,850,076 in 1941, an increase of about 250 p.c. in 24 years. In the same period, horse-power per wage-earner showed an interrupted trend from 3.06 to 10.82 in 1933 and 9.46 in 1939. With the large increase in the number of wage-earners on war production, and the more efficient utilization of the equipment available, the horse-power per wage-earner dropped to 7.29 in 1941. The significant feature is the increase in both the absolute figures of power employed and the averages per wage-earner during the depression years as compared with 1929, although the large numbers of persons again finding employment since 1933 reduced the averages for the years 1934 to 1937 and again for 1940 and 1941. Other interesting comparisons are the trend of value added by manufacture, per employee, and of average salaries and wages paid since 1929.

Consumption of Manufactured Products.—One of the beneficial results of adopting the same classification for external trade and for production is exhibited in Table 5, where the value of commodities made available for consumption in Canada is derived from these statistics. For example, the value of all manufactured commodities made available in 1940 was \$4,424,000,000, a figure obtained by adding to the value of manufactured products the value of the imports of manufactured and partly manufactured goods and deducting the value of the exports.

In past years there have always been large amounts of manufactured animal, wood and non-ferrous metal products available for consumption in Canada with considerable surplus left for export. Since the commencement of the War, however, it has been necessary to export more and more of such goods to the United Kingdom, and while this has been done mainly by increasing production, Government control of consumption at home is growing stronger as the War advances. In the case of manufactured vegetable products, the figures for 1940 show large excesses of exports over imports for such products as cereal foods (including flour), canned vegetables, etc. Excesses of imports were chiefly confined to cocoa, tea, coffee and preserved fruits and fruit juices, in which cases domestic production cannot be substituted and control of consumption will become more rigid.

On balance, Canada, has in the past, imported large quantities of iron and steel, textiles and non-metallic mineral products in spite of large home production. The urgent requirements for munitions of war have brought about an expansion of the iron and steel, chemical and non-ferrous metals industries that will enable Canada to meet most requirements for home consumption in the future as these industries are adjusted for peace-time needs.

Due to the restrictions on the publication of import and export figures, an analysis of the consumption of manufactured products for 1941 cannot be made.

4.—Summary Statistics of Manufactures, Significant Years, 1917-41

Item	1917	1920	1929 ¹	1933	1937	1939	1940	1941
Establishments.....	No.	22,532	22,216	23,780	24,834	24,805	25,513	26,293
Capital.....	\$	2,923,667,011	4,004,892,009	3,279,259,838	3,465,227,831	3,647,024,449	4,095,716,836	4,905,503,966
Averages, per establishment.....	\$	129,756	180,271	137,900	139,536	147,028	160,535	186,571
Averages, per employee.....	\$	3,848	6,009	6,997	5,247	5,542	5,373	5,104
Averages, per wage-earner.....	\$	4,309	5,616	6,933	6,363	6,838	6,115	6,115
Totals, employees.....	No.	606,523	598,893	666,531	690,451	658,114	762,244	961,178
Averages, per establishment.....	No.	27.8	26.6	19.7	28.6	26.5	29.9	36.6
Totals, salaries and wages.....	\$	497,801,844	717,493,876	777,291,217	436,247,824	737,811,153	920,872,865	1,264,862,643
Averages, per establishment.....	\$	22,788	31,843	34,988	18,345	29,744	36,094	48,106
Averages, per employee.....	\$	821	1,198	1,166	931	1,121	1,208	1,316
Averages, per wage-earner.....	\$	64,918	78,334	88,841	86,636	124,772	135,760	158,944
Employees on salaries.....	No.	85,353,667	141,837,361	175,553,710	139,317,946	217,839,394	241,599,761	286,336,861
Averages, per establishment.....	No.	3.0	3.5	4.0	3.6	4.7	5.0	6.0
Salaries.....	\$	1,315	1,811	1,976	1,608	1,746	1,780	1,801
Averages, per salaried employee.....	\$	541,605	520,550	577,690	544,624	533,342	626,484	802,234
Employees on wages.....	No.	412,448,177	575,656,515	601,737,507	296,929,878	519,971,819	679,273,104	978,595,782
Averages, per wage-earner.....	\$	70,482	92,547	91,301	40,638	74,025	96,019	153,377
Cost of materials.....	\$	2,085,271,349	2,029,670,813	967,788,328	2,006,926,787	1,836,159,375	2,440,721,903	3,296,547,019
Averages, per establishment.....	\$	3,482	3,045	2,065	3,038	2,790	3,214	3,450
Averages, per employee.....	\$	1,281,131,980	1,621,273,348	1,755,386,937	919,671,181	1,531,051,901	1,942,471,238	2,605,119,788
Values added in manufacture ²	\$	58,646	71,954	79,015	38,674	61,724	76,137	99,080
Averages, per establishment.....	\$	2,112	2,707	2,634	60,760	61,724	76,137	99,080
Averages, per employee.....	\$	2,820,810,791	3,706,544,997	3,883,446,116	1,962	2,326	2,548	2,710
Gross value of products.....	\$	129,128	164,501	174,804	82,173	145,988	4,529,173,316	6,076,308,124
Averages, per establishment.....	\$	4,651	5,826	4,170	5,489	140,084	177,324	231,100
Averages, per employee.....	\$	1,658,475	2,008,875	3,855,648	4,135,008	5,045,287	5,942	6,322
Power employed.....	h.p.	76	92	174	174	190	207	222
Averages, per establishment.....	h.p.	3.06	3.97	6.67	10.82	9.46	8.46	7.29
Averages, per wage-earner.....	h.p.				8.65			

¹ A change in the method of computing the number of wage-earners in the years 1925 to 1930, inclusive, increased the number somewhat over that which the method otherwise used would have given. There was, therefore, a proportionate reduction in the averages for 1925-30 per employee and wage-earner, as compared with what these averages would have been under the other method. In 1931, however, the method in force prior to 1925 was re-adopted. The figures for 1931 and later years are, therefore, comparable with those for 1924 and earlier years.

² Net values of products, see footnote 1, Table I.

5.—Consumption of Manufactured Products, by Industrial Groups, 1940, with Totals for 1922-39

NOTE.—Due to the restrictions on the publication of import and export figures, statistics on the consumption of manufactured products for 1941 cannot be published.

Year and Industrial Group	Value of Products Manufactured	Manufactured and Partly Manufactured Goods ¹		Value of Manufactured Products Available for Consumption
		Value of Net Imports	Value of Domestic Exports	
	\$	\$	\$	\$
Totals, 1922.....	2,375,917,691	574,551,323	515,173,415	2,435,295,599
Totals, 1923.....	2,662,927,474	639,343,645	591,829,306	2,710,441,813
Totals, 1924.....	2,570,561,931	576,031,243	591,598,479	2,554,994,695
Totals, 1925.....	2,816,864,958	671,462,940	695,325,245	2,793,002,653
Totals, 1926.....	3,100,604,637	767,022,005	673,709,266	3,193,917,379
Totals, 1927.....	3,257,214,876	825,147,919	648,178,000	3,434,184,795
Totals, 1928.....	3,583,345,302	954,387,551	698,376,615	3,838,356,238 ²
Totals, 1929.....	3,883,446,116	939,130,201	686,876,071	4,135,700,246
Totals, 1930.....	3,280,236,603	675,828,233	490,108,470	3,465,956,366
Totals, 1931.....	2,555,126,448	423,519,849	347,456,198	2,631,190,099
Totals, 1932.....	1,980,471,543	281,855,757	267,765,614	1,994,561,686
Totals, 1933.....	1,954,075,785	298,068,344	365,232,113	1,886,912,016
Totals, 1934.....	2,393,692,729	357,320,284	419,094,297	2,331,918,716
Totals, 1935.....	2,653,911,209	385,597,041	582,041,141	2,457,467,109
Totals, 1936.....	3,002,403,814	468,455,981	676,890,803	2,793,968,992
Totals, 1937.....	3,625,459,500	566,876,483	781,099,407	3,411,236,576
Totals, 1938.....	3,337,681,366	472,193,253	587,758,795	3,222,115,824
Totals, 1939.....	3,474,783,528	542,364,930	646,853,938	3,370,294,520
INDUSTRIAL GROUP, 1940				
Vegetable products.....	738,432,443	87,122,068	73,199,633	752,354,878
Animal products.....	546,336,264	15,430,334	108,606,222	453,160,374
Textiles and textile products.....	547,451,110	96,208,100	20,882,373	622,776,837
Wood and paper products.....	750,631,337	36,380,118	324,511,350	462,500,105
Iron and its products.....	906,103,055	291,323,298	126,742,987	1,070,683,366
Non-ferrous metal products.....	540,781,367	61,194,436	169,526,597	432,449,206
Non-metallic mineral products.....	255,624,328	52,870,894	24,216,674	284,278,548
Chemicals and allied products.....	193,890,338	51,439,104	31,222,806	214,106,636
Miscellaneous industries.....	49,923,074	115,668,598	34,141,337	131,450,335
Totals, 1940.....	4,529,173,316	807,636,948	913,049,979	4,423,760,285

¹ Imports and exports of manufactured and partly manufactured goods for the years 1922 to 1938 are for the fiscal years ended March 31 of the following years, while for 1939 and 1940 they are for the calendar year. Net imports are total imports less foreign products re-exported.

² For 1928 to 1940 foreign products imported and later re-exported are eliminated from the value of products available for consumption, but for 1927 and previous years this was impossible, since foreign exports for these years had never been analysed as raw materials or partly or fully manufactured goods. Therefore in this table the value of manufactured products made available for consumption, for the years 1922 to 1927, inclusive, is an overstatement by the amount of the foreign exports of manufactured goods in each year, probably varying from about \$11,000,000 in 1922 to \$18,000,000 in 1927.

Section 2.—Value and Volume of Manufactured Products

Value of Manufactured Products.—In the interpretation of manufacturing values over a number of years, variations in the level of prices must be borne in mind, especially when such variations have been as great as those in the period since the annual Census of Manufactures was begun in 1917. The index number of wholesale prices in Canada, on the 1926 base, compiled by the Dominion Bureau of Statistics, stood at 114.3 in 1917, 155.9 in 1920, 97.3 in 1922, 95.6 in 1929, 67.1 in 1933, 84.6 in 1937, 75.3 in 1939 and 90.0 p.c. in 1941. Index numbers of the prices of fully or chiefly manufactured goods were: 113.5 in 1917, 156.5 in 1920, 100.4 in 1922, 93.0 in 1929, 70.2 in 1933, 80.5 in 1937, 75.3 in 1939 and 81.8 p.c. in 1941.

Volume of Manufacturing Production.—Since real income is ultimately measured in goods and services, the growth of the volume of manufacturing production, as distinguished from its value, becomes a matter of great significance. The important thing to know is whether consumers are getting more goods and services, not whether they are expending more dollars and cents.

The index of volume (Table 6) is based on the quantities of manufactured products reported, and covers 71.1 p.c. of the total value of the production in 1926. The industry indexes are weighted according to the values added by manufacture. The indexes for the years 1923-31 are based on the values added in 1926. The weights and products were changed in 1931 and then again in 1936. By changing the weights and products used in the construction of the index every five years, current changes in production are thereby reflected more accurately.

The physical volume of manufacturing production increased 50.2 p.c. from 1923 to 1929. When it is recalled that the population of Canada is estimated to have increased only 11.3 p.c. during the same period, the growth of manufacturing production is indeed remarkable. Of this advance, the part resulting from an increase in the domestic demand due to growth of population would therefore be about 11.3 p.c. Exports of partly and fully manufactured goods increased from \$591,830,000 in the fiscal year ended Mar. 31, 1924, to \$686,876,000 in the fiscal year 1930, the increase in exports representing about 3.6 p.c. of the 1923 production. The remainder of the increase in production by 1929, or a margin equal to roughly 35 p.c. of the volume of manufactures of 1923, was, therefore, apparently absorbed by increases in capital equipment and by the rise in the standard of living of the population of Canada.

A similar analysis of the volume of manufactures since 1929 in relation to population and exports would show that the decline in the depression preceding the present War was due chiefly to reduced exports and a cessation in production of capital equipment. As a result of the expansion in production resulting from the demands created by the War, the physical volume of production increased by 46.7 p.c. since 1939 and by 53.7 p.c. since 1929. The iron and its products group, with an increase of 113.1 p.c., reported the greatest expansion in output. This was followed by chemicals and allied products with an increase of 101.7 p.c., non-ferrous metals products 48.9 p.c., miscellaneous industries 42.2 p.c., non-metallic mineral products 41.6 p.c., textiles and textile products 36.4 p.c., animal products 28.9 p.c., vegetable products 25.9 p.c., and wood and paper products 25.8 p.c.

6.—Indexes of the Volume of Manufacturing Production, According to Component Material and Purpose Classifications, Significant Years, 1923-41

(1935-39=100)

Classification and Group	1923	1929	1933	1937	1939	1940	1941
Component Material Classification—							
Vegetable products.....	63.6	98.7	73.8	104.5	109.0	117.9	137.2
Animal products.....	75.0	87.9	79.6	102.7	107.2	118.7	138.2
Textiles and textile products.....	64.3	86.1	81.1	106.0	104.9	124.8	143.1
Wood and paper products.....	65.0	99.4	69.6	109.6	104.4	117.8	131.3
Iron and its products.....	81.5	123.5	50.0	118.1	101.9	141.2	217.1
Non-ferrous metal products.....	42.7	81.3	57.6	110.1	111.1	133.2	165.4
Non-metallic mineral products.....	76.4	124.6	66.8	111.3	105.1	127.8	148.8
Chemicals and allied products.....	59.2	84.8	69.9	107.3	108.9	130.2	219.6
Miscellaneous industries.....	89.9	123.5	66.1	106.6	110.7	118.3	157.4
Totals, All Industries.....	67.5	101.4	67.7	108.9	106.3	125.2	155.9
Purpose Classification—							
Food.....	73.7	89.4	79.9	101.5	107.0	115.0	131.7
Clothing.....	69.2	95.8	81.7	103.9	108.2	119.9	136.0
Drink and tobacco.....	50.1	92.6	63.4	107.6	111.6	129.7	149.5
Personal utilities.....	85.1	101.5	70.7	106.7	108.5	115.1	140.0
House furnishings.....	62.1	108.3	68.7	110.5	106.5	120.5	140.4
Books and stationery.....	56.1	79.3	73.5	101.7	104.7	102.8	112.8
Producers materials.....	69.3	101.8	63.6	111.8	106.9	128.7	151.1
Industrial equipment.....	64.3	109.2	59.2	113.3	105.1	138.7	184.9
Vehicles and vessels.....	77.4	142.6	57.7	118.1	97.4	129.5	230.8
Miscellaneous.....	45.0	66.2	59.9	109.6	115.5	180.3	654.5

7.—Indexes of the Volume of Manufacturing Production for the Groups of the Purpose Classification, Significant Years, 1923-41
(1935-39=100)

Group and Class	1923	1929	1933	1937	1939	1940	1941
Food	73.7	89.4	79.9	101.5	107.0	115.0	131.7
Breadstuffs.....	81.0	98.7	84.3	100.6	106.9	113.8	128.3
Fish.....	108.5	114.1	86.7	93.3	98.8	116.7	164.0
Fruit and vegetable preparations.....	32.9	70.8	64.5	105.8	109.9	111.3	136.8
Meats.....	72.7	78.5	76.2	107.4	106.0	125.2	143.4
Milk products.....	69.8	77.2	78.7	100.0	107.3	113.7	125.4
Oils and fats.....	52.0	40.9	41.9	89.4	156.4	178.8	243.0
Sugar.....	79.2	88.5	82.5	96.7	109.4	110.0	115.7
Infusions.....	64.4	75.0	82.5	101.6	105.8	103.3	111.5
Miscellaneous.....	46.5	67.4	66.5	103.4	110.4	119.5	143.8
Clothing	69.2	95.8	81.7	103.9	108.2	119.9	136.0
Boots and shoes.....	73.0	100.6	80.0	105.2	113.4	104.1	115.8
Fur goods.....	41.1	97.6	81.0	98.0	118.3	140.2	154.4
Garments and personal furnishings.....	75.3	94.2	80.2	104.5	103.1	124.3	148.7
Gloves and mittens.....	59.2	84.0	76.4	105.6	100.4	121.8	148.3
Hats and caps.....	58.6	95.3	74.3	102.6	104.5	115.8	131.8
Knitted goods.....	64.8	86.1	83.1	101.7	112.4	125.7	128.1
Waterproofs.....	48.9	89.8	65.7	121.7	100.4	153.1	309.4
Drink and Tobacco	50.1	92.6	63.4	107.6	111.6	129.7	149.5
Beverages, alcoholic.....	49.5	105.9	60.5	112.2	102.8	122.5	147.6
Beverages, non-alcoholic.....	35.9	61.3	54.9	102.5	136.4	165.7	183.9
Tobacco.....	55.3	90.7	77.1	104.1	111.3	124.4	134.4
Personal Utilities	85.1	101.5	70.7	106.7	108.5	115.1	140.0
Jewellery and time-pieces.....	78.4	88.5	67.7	105.5	108.1	123.5	155.9
Recreational supplies.....	193.3	176.7	48.2	106.9	114.1	114.1	124.7
Personal utilities.....	56.1	79.8	78.1	106.6	107.5	111.8	135.9
House Furnishings	62.1	108.3	68.7	110.5	106.5	120.5	140.4
Books and Stationery	56.1	79.3	73.5	101.7	104.7	102.8	112.8
Producers Materials	69.3	101.8	63.6	111.8	106.9	128.7	151.1
Farm materials (fertilizers).....	8.0	13.4	51.7	102.3	124.8	131.9	122.1
Manufacturers materials.....	58.7	88.1	64.4	112.8	105.6	128.2	148.7
Building materials.....	109.3	152.9	58.8	109.2	111.2	133.4	160.9
General materials.....	86.0	120.3	69.3	107.8	108.5	118.8	171.3
Industrial Equipment	64.3	109.2	59.2	113.3	105.1	138.7	184.9
Farming equipment.....	97.7	144.7	43.3	115.8	85.1	117.4	152.8
Manufacturing equipment.....	66.5	101.3	44.9	120.9	107.6	179.6	241.0
Trading equipment.....	55.2	77.2	80.0	103.9	107.7	105.6	126.8
Service equipment.....	67.7	75.8	72.5	100.7	100.4	100.8	127.1
Light, heat and power equipment.....	46.6	104.8	61.7	112.0	105.0	134.5	169.8
General equipment.....	74.2	114.4	58.5	114.7	106.4	146.2	212.2
Vehicles and Vessels	77.4	142.6	57.7	118.1	97.4	129.5	230.8
Miscellaneous	45.0	66.2	59.9	109.6	115.5	180.3	654.5
Totals, All Manufactures	67.5	104.4	67.7	108.9	106.3	125.2	155.9

Section 3.—Production by Industrial Groups and Individual Industries

For the purposes of the Census of Manufactures, the main detailed analysis is made under a classification in which industries are grouped according to the chief component materials of the goods manufactured. This is, therefore, the grouping used in Table 9, where the statistics of individual industries are presented in detail, and in the historical series shown in Table 3. However, there are also less detailed analyses under purpose groupings given in Table 10 and under origin groupings in Table 11.

Subsection 1.—Manufactures Grouped by Chief Component Materials

A classification based on the chief component materials in the various products of each manufacturing establishment was applied for the first time in the compilation of the returns for 1920. The number of groups was reduced from fifteen to nine to correspond with the external trade classification and the classes of industry were somewhat altered to conform with recent industrial developments. Subsequently, a number of minor changes were made, the most important being the elimination of central electric stations and the dyeing, cleaning and laundry industry from the compilation in 1936. Revisions due to these changes have been carried back to 1917 in so far as possible.

Recent Changes in Manufacturing Production.—Table 8 shows the effects of the depression, the recovery since 1933, and the impact of the present War upon the main groups of industries with regard to the numbers employed, the salaries and wages paid, and the gross value of products. Owing to the price decline during the depression, money values of both wages and of products were naturally affected more than the number of employees. Furthermore, during periods of curtailed production there is a tendency for wage-earners to be put on part time, while the number of salaried employees responds less quickly to reduction in output than that of wage-earners. Therefore, there are a number of reasons why the variation in the number of employees should be less than that of money values. The figures of Table 8 are to be compared with those of Table 6 which show changes in volume of production. Compared with 1939, the number of employees in 1941 increased by 46.1 p.c. as compared with an increase of 46.7 p.c. in the physical volume of production. Salaries and wages paid were 71.4 p.c. higher and the gross value of production 74.9 p.c. higher. Another significant change is the increase in the proportion of women engaged in manufacturing. Whereas in 1939, there were 281 females to every 1,000 males employed, in 1941 this figure jumped to 292.

8.—Percentage Variation in Employment, Salaries and Wages, and Gross Value of Products in the Main Industrial Groups Compared for Significant Years, 1929-41

NOTE.—The highest pre-depression year was 1929, while the lowest depression year was 1933

Industrial Group	1933 Compared with 1929			1939 Compared with 1929			1941 Compared with 1939		
	Em- ployees	Salaries and Wages	Gross Value of Pro- ducts	Em- ployees	Salaries and Wages	Gross Value of Pro- ducts	Em- ployees	Salaries and Wages	Gross Value of Pro- ducts
Vegetable products.....	-17.2	-28.5	-44.8	+ 9.2	+ 8.8	-15.8	+ 14.4	+ 25.7	+ 36.1
Animal products.....	-21.5	-25.2	-43.3	+ 2.5	+ 9.9	- 3.3	+ 18.4	+ 32.2	+ 53.3
Textile products.....	- 7.9	-23.3	-30.7	+16.5	+12.8	- 2.6	+ 29.6	+ 48.8	+ 69.7
Wood and paper products...	-36.1	-46.8	-52.9	-12.0	-14.0	-20.0	+ 24.3	+ 37.8	+ 54.0
Iron and its products.....	-48.6	-64.5	-72.6	-15.2	-22.2	-30.0	+109.6	+157.4	+168.0
Non-ferrous metals.....	-36.6	-48.4	-41.9	+11.8	+ 9.5	+46.7	+ 64.8	+ 82.4	+ 74.6
Non-metallic minerals....	-42.0	-50.5	-42.8	-21.3	-22.8	- 9.4	+ 25.2	+ 40.9	+ 55.8
Chemicals.....	- 7.8	-17.2	-33.0	+35.3	+39.4	+15.2	+139.1	+139.6	+ 90.8
Miscellaneous products....	-22.6	-37.3	-52.9	+13.9	+ 4.7	-15.3	+ 50.2	+ 64.7	+ 67.1
Averages, All Industries.	-29.7	-43.9	-49.7	- 1.3	- 5.1	-10.5	+ 46.1	+ 71.4	+ 74.9

Detailed Statistics by Groups and Individual Industries.—Tables 9 and 10 present for the years 1940 and 1941, respectively, detailed statistics regarding the individual industries under which all industrial plants in the Dominion are classified. The industries are further assembled under nine main groups according to the principal component material of their products.

Continued on pages 30 and 31

9.—Statistics of the Numbers, Capital, Employees, Salaries and Wages, Power, Fuel,

Industry and Group		Establish- ments	Capital Employed	Employees on Salaries		
				Male	Female	Salaries
		No.	\$	No.	No.	\$
PROVINCE						
1	Prince Edward Island.....	219	2,940,818	235	58	223,136
2	Nova Scotia.....	1,155	111,652,959	2,070	504	3,762,808
3	New Brunswick.....	777	93,108,166	1,903	520	3,853,924
4	Quebec.....	8,381	1,345,927,911	33,838	9,066	73,536,492
5	Ontario.....	10,040	1,988,461,940	51,663	18,047	130,011,527
6	Manitoba.....	1,171	132,978,496	4,012	1,029	8,386,927
7	Saskatchewan.....	814	40,698,082	1,739	344	2,913,247
8	Alberta.....	1,068	78,440,506	2,617	566	4,961,131
9	British Columbia.....	1,879	300,841,677	6,174	1,358	13,921,436
10	Yukon and Northwest Territories.....	9	666,281	16	1	29,113
Totals.....		25,513	4,095,716,836	104,267	31,493	241,599,761
INDUSTRIAL GROUP						
1	Vegetable products.....	5,861	586,790,195	17,312	4,849	37,664,323
2	Animal products.....	4,250	261,794,531	12,645	2,799	21,838,808
3	Textiles and textile products.....	1,958	394,493,058	10,937	4,987	30,223,749
4	Wood and paper products.....	9,276	1,021,849,742	25,325	6,312	53,854,731
5	Iron and its products.....	1,433	837,382,032	17,626	5,308	44,097,246
6	Non-ferrous metal products.....	545	425,766,853	8,216	2,998	21,685,241
7	Non-metallic mineral products.....	804	309,092,155	3,707	937	9,226,601
8	Chemicals and allied products.....	804	213,610,510	6,359	2,479	17,638,195
9	Miscellaneous industries.....	582	44,937,760	2,140	824	5,370,867
1.—Vegetable Products—						
1	Aerated and mineral waters.....	462	21,940,481	1,168	268	2,237,732
2	Biscuits, confectionery, cocoa, etc.....	204	40,170,966	2,334	608	5,370,823
3	Bread and other bakery products.....	3,089	53,095,568	2,536	812	3,984,114
4	Breweries.....	61	64,954,017	1,472	181	3,941,592
5	Foods, miscellaneous (including coffee, tea and spices).....	234	34,885,794	1,456	492	3,361,600
6	Distilleries.....	15	34,725,336	345	82	1,210,684
7	Flour and feed mills.....	1,027	52,170,492	1,692	289	2,676,492
8	Foods, breakfast.....	32	6,104,882	152	50	338,815
9	Foods, stock and poultry.....	115	8,704,988	438	131	863,616
10	Fruit and vegetable preparations.....	367	49,753,245	1,192	472	2,616,386
11	Ice cream cones.....	6	632,415	21	8	28,488
12	Linseed and soya bean oil (vegetable oil mills).....	9	3,318,040	43	9	127,953
13	Macaroni, vermicelli, etc.....	17	3,048,169	70	21	158,089
14	Malt and malt products.....	12	7,353,482	80	11	222,735
15	Rice mills.....	5	1,153,437	19	2	59,555
16	Rubber goods, including rubber footwear..	52	70,588,546	1,816	691	4,433,423
17	Starch and glucose.....	7	5,724,386	145	57	433,938
18	Sugar refineries.....	11	42,966,073	420	81	1,179,056
19	Tobacco, cigars and cigarettes.....	82	66,014,427	1,530	540	3,461,263
20	Tobacco processing and packing.....	20	11,356,130	175	11	449,251
21	Wine.....	34	8,129,321	208	33	508,718
Totals, Vegetable Products.....		5,861	586,790,195	17,312	4,849	37,664,323
2.—Animal Products—						
1	Animal oils and fats.....	5	339,665	10	3	19,111
2	Belting, leather.....	14	1,108,391	62	20	147,534
3	Boot and shoe findings, leather.....	18	1,621,804	55	15	148,061
4	Boots and shoes, leather.....	217	29,517,070	1,556	485	3,492,339
5	Butter and cheese.....	2,484	64,327,705	5,025	1,059	5,697,895
6	Cheese, processed.....	22	3,796,618	91	30	214,746
7	Condensed milk.....	25	6,293,142	115	38	266,119
8	Dairy products, other.....	54	2,836,244	126	35	257,323
9	Fish curing and packing.....	458	23,257,676	697	93	988,340
10	Fur dressing and dyeing.....	15	1,441,975	77	20	225,493
11	Fur goods.....	380	15,175,417	780	233	1,756,964
12	Gloves and mittens, leather.....	53	3,067,451	219	67	372,960
13	Hair goods, animal and human.....	4	93,807	5	1	4,674
14	Leather tanneries.....	78	25,930,387	365	73	1,093,109
15	Miscellaneous leather goods.....	211	7,898,784	524	149	1,010,395
16	Sausage and sausage casings.....	66	1,308,618	109	18	168,979
17	Slaughtering and meat packing.....	146	73,779,777	2,829	460	5,974,766
Totals, Animal Products.....		4,250	261,794,531	12,645	2,799	21,838,808

Materials, and Values of Products of Canadian Manufacturing Industries, 1940

Employees on Wages			Power Installed	Cost of Fuel and Electricity	Cost of Materials	Value of Products		
Male	Female	Wages				Net	Gross	
No.	No.	\$	h.p.	\$	\$	\$	\$	
551	213	422,664	3,975	68,078	2,518,233	1,270,233	3,856,544	1
15,381	3,107	17,756,809	163,430	5,105,667	62,160,537	46,548,446	113,814,650	2
12,232	2,204	13,785,865	232,827	4,088,129	46,939,404	38,253,475	89,281,008	3
150,772	58,816	204,103,384	1,947,859	48,690,292	713,132,575	595,552,909	1,357,375,776	4
241,212	61,721	349,387,641	2,078,934	60,746,542	1,236,738,529	1,004,529,583	2,302,014,654	5
17,847	3,791	23,553,635	170,873	3,873,217	101,693,250	62,352,698	167,919,165	6
4,961	371	5,499,333	60,127	1,772,176	48,654,473	25,857,683	76,284,332	7
9,764	1,244	11,863,862	90,213	2,137,078	67,429,671	37,747,215	107,313,964	8
38,662	3,574	52,805,748	542,555	10,482,224	170,357,991	130,206,263	311,046,478	9
57	4	94,163	142	16,772	87,240	152,733	266,745	10
491,439	135,045	679,273,104	5,290,935	136,980,175	2,449,721,903	1,942,471,238	4,529,173,316	
56,991	24,482	74,251,527	376,319	12,730,039	430,120,335	295,582,069	738,432,443	1
45,200	13,022	53,387,230	151,321	6,615,471	398,487,114	141,233,679	546,336,264	2
55,664	67,385	102,912,567	246,054	8,455,919	298,656,288	240,338,903	547,451,110	3
118,087	11,144	139,910,864	2,677,502	37,744,519	315,995,317	396,891,501	750,631,337	4
136,643	4,748	198,640,323	763,195	22,161,342	454,479,763	429,461,950	906,103,055	5
36,627	6,476	53,970,570	598,106	22,620,358	307,808,225	210,352,784	540,781,367	6
19,878	893	25,670,634	270,534	18,618,879	139,312,380	97,693,069	255,624,328	7
14,812	4,032	21,002,795	179,741	7,233,964	82,534,474	104,121,900	193,890,338	8
7,537	2,863	9,526,594	28,163	799,684	22,328,007	26,795,383	49,923,074	9
3,895	103	4,191,492	5,423	659,332	11,287,508	22,080,824	34,027,664	1
4,182	5,613	7,251,804	23,557	876,505	27,921,859	29,919,898	58,718,262	2
17,336	3,259	19,525,499	18,671	2,927,327	38,560,378	41,052,025	82,539,730	3
3,821	46	5,063,208	24,480	952,045	24,876,452	24,783,421	50,611,918	4
1,549	1,212	2,466,980	9,566	352,692	39,244,840	16,176,640	55,774,172	5
1,017	445	1,484,799	119,457	537,220	7,520,472	10,582,853	18,640,545	6
4,095	139	4,424,875	5,757	1,385,775	96,294,284	24,814,700	122,944,759	7
350	144	554,510	10,336	152,404	2,730,385	4,762,465	7,645,254	8
783	29	800,075	11,516	220,700	10,240,597	3,860,050	14,321,347	9
4,273	4,537	5,327,596	21,982	834,624	33,478,166	20,866,862	55,179,652	10
42	15	46,218	48	13,742	145,996	218,858	378,596	11
206	—	193,708	2,427	72,124	4,608,045	1,047,325	5,727,494	12
225	151	283,626	2,355	75,221	1,329,420	1,050,802	2,455,443	13
269	8	398,705	6,592	318,702	3,856,484	2,761,637	6,936,823	14
67	—	71,391	867	6,405	1,138,947	308,128	1,453,480	15
8,514	3,276	12,401,491	76,991	1,388,638	38,228,145	43,403,938	83,020,721	16
569	22	614,572	4,545	287,109	4,169,130	2,621,528	7,077,767	17
1,929	108	2,441,605	25,960	1,325,479	42,150,263	13,798,380	57,274,122	18
2,055	4,466	4,612,510	3,557	205,831	24,204,225	24,716,023	49,126,079	19
1,405	870	1,646,569	920	66,540	15,388,397	4,414,751	19,869,688	20
409	39	447,294	1,312	71,624	2,746,342	2,340,961	5,158,927	21
56,991	24,482	74,251,527	376,319	12,730,039	430,120,335	295,582,069	738,432,443	
64	—	73,874	433	33,369	192,703	144,488	370,560	1
133	1	127,111	215	10,956	608,569	440,800	1,060,325	2
433	68	399,089	3,039	82,195	1,030,360	1,124,489	2,237,044	3
8,958	6,150	10,466,414	6,869	315,520	24,613,366	20,839,026	45,767,912	4
11,369	586	11,912,691	47,072	2,565,120	96,893,205	35,907,031	135,365,356	5
193	158	292,300	1,181	31,265	3,669,829	1,949,322	5,650,416	6
710	32	767,720	5,440	470,520	11,887,180	3,768,485	16,144,185	7
326	41	372,023	2,293	83,195	1,455,239	1,593,540	3,131,974	8
4,095	943	3,540,220	16,877	485,090	21,461,851	13,163,500	35,110,441	9
728	146	823,407	1,134	40,305	475,444	1,743,423	2,259,172	10
1,839	1,315	3,401,100	741	99,492	15,001,236	7,890,665	22,991,393	11
744	1,115	1,382,664	361	25,331	2,867,474	2,465,933	5,358,738	12
17	4	16,435	75	1,776	56,286	44,398	102,460	13
3,592	136	3,797,729	16,974	551,131	19,224,720	8,698,536	28,474,387	14
1,862	1,116	2,254,249	1,798	75,787	5,535,493	5,315,629	10,926,909	15
297	39	293,609	596	49,275	2,030,143	805,087	2,884,505	16
9,840	1,172	13,466,595	46,223	1,695,144	191,484,016	35,321,327	228,500,487	17
45,200	13,022	53,387,230	151,321	6,615,471	398,487,114	141,233,679	546,336,264	

9.—Statistics of the Numbers, Capital, Employees, Salaries and Wages, Power, Fuel,

Industry and Group		Establish- ments	Capital Employed	Employees on Salaries		
				Male	Female	Salaries
		No.	\$	No.	No.	\$
3.—Textiles and Textile Products—						
1	Awnings, tents and sails.....	73	2,572,958	157	53	293,872
2	Bags, cotton and jute.....	27	7,147,777	101	43	378,352
3	Batting and wadding.....	4	1,730,963	21	8	93,484
4	Carpets, mats and rugs.....	17	7,250,579	152	48	506,707
5	Clothing, men's factory.....	378	48,843,572	2,671	980	6,448,860
6	Clothing, women's factory.....	604	29,456,346	2,179	1,142	5,553,707
7	Clothing contractors, men's and women's.....	115	784,727	160	28	243,663
8	Cordage, rope and twine.....	11	12,190,563	102	33	317,522
9	Corsets.....	25	3,817,487	175	259	718,564
10	Cotton and wool waste.....	17	1,456,989	37	16	98,809
11	Cotton textiles, n.e.s.....	45	2,633,884	81	50	217,718
12	Cotton thread.....	5	4,023,103	135	53	320,488
13	Cotton yarn and cloth.....	37	87,578,818	705	293	2,304,200
14	Dyeing and finishing of textiles.....	28	5,335,344	140	67	453,321
15	Flax, dressed.....	13	393,787	13	—	14,398
16	Gloves and mittens, fabric.....	9	361,836	16	5	44,943
17	Hats and caps.....	153	8,296,761	693	272	1,634,398
18	Hosiery and knitted goods.....	172	56,768,555	1,407	831	4,304,574
19	Miscellaneous textiles.....	16	13,972,665	325	88	1,101,064
20	Narrow fabrics, laces, etc.....	34	8,757,610	259	133	669,163
21	Oiled and waterproofed clothing.....	11	995,066	45	16	120,630
22	Silk and artificial silk.....	27	38,615,058	569	242	1,752,648
23	Woollen cloth.....	66	27,587,011	485	182	1,544,922
24	Woollen goods, n.e.s.....	31	10,724,920	122	44	487,833
25	Woollen yarn.....	38	12,482,685	174	95	529,207
26	All other industries.....	2	713,994	13	6	70,702
Totals, Textiles and Products—		1,958	394,493,058	10,937	4,987	30,223,749
4.—Wood and Paper Products—						
1	Beekeepers' and poultrymen's supplies.....	8	190,480	14	3	20,688
2	Blue printing.....	24	276,912	33	5	74,618
3	Boat building.....	119	1,878,159	164	17	193,060
4	Boxes and bags, paper.....	153	24,706,224	831	344	2,566,463
5	Boxes, wooden.....	141	9,226,166	337	60	744,473
6	Carriages, wagons and sleighs.....	69	896,806	87	4	79,788
7	Coffins and caskets.....	55	4,231,412	162	33	312,484
8	Cooperage.....	62	1,867,725	93	16	145,638
9	Engraving, stereotyping and electrotyping.....	108	8,769,514	577	157	1,525,572
10	Excelsior.....	13	429,785	30	7	26,991
11	Flooring, hardwood.....	23	3,794,943	110	30	299,990
12	Furniture.....	378	28,511,222	1,289	358	2,786,452
13	Lasts, trees and shoe findings.....	12	1,521,737	66	35	163,386
14	Lithographing.....	42	11,884,534	485	222	1,644,683
15	Miscellaneous paper products.....	142	24,165,138	822	352	2,415,006
16	Miscellaneous wooden products.....	128	6,602,373	234	70	493,467
17	Planing mills, sash and door factories.....	741	34,262,704	1,398	256	2,365,733
18	Printing and bookbinding.....	1,308	44,311,208	3,149	896	6,622,232
19	Printing and publishing.....	802	55,655,340	6,221	2,154	13,052,537
20	Pulp and paper.....	103	642,979,942	3,828	802	11,693,329
21	Refrigerators, other than electric.....	13	625,747	49	12	89,196
22	Roofing paper, etc.....	16	5,296,074	259	90	706,053
23	Sawmills.....	4,675	91,602,899	4,654	271	4,604,990
24	Trade composition.....	37	1,258,122	75	23	200,199
25	Woodenware.....	17	1,291,834	33	7	97,179
26	Wood turning.....	55	2,897,227	124	32	214,329
27	All other industries.....	32	12,715,515	201	56	716,015
Totals, Wood and Paper Products.		9,276	1,021,849,742	25,325	6,312	53,854,731
5.—Iron and Its Products—						
1	Agricultural implements.....	34	55,688,391	796	263	1,768,863
2	Aircraft.....	19	30,749,992	1,536	376	2,136,450
3	Automobiles.....	10	78,816,499	1,922	568	5,634,829
4	Automobile supplies.....	100	40,710,655	1,022	411	2,741,386
5	Bicycles.....	5	2,893,910	38	11	76,971
6	Boilers, tanks and plate work.....	41	16,057,039	533	139	1,261,718
7	Bridge and structural steel.....	22	24,848,485	820	155	2,156,786
8	Castings, iron.....	197	49,831,652	1,083	367	2,778,442
9	Hardware and tools.....	176	36,364,470	822	401	2,463,337
10	Heating and cooking apparatus.....	77	18,998,271	742	234	1,791,165
11	Iron and steel products, n.e.s.....	140	11,762,671	425	97	1,086,714
12	Machinery.....	235	92,896,451	2,872	1,015	6,835,282
13	Primary iron and steel.....	54	133,844,814	1,021	330	3,488,044

Materials, and Values of Products of Canadian Manufacturing Industries, 1940—con.

Employees on Wages			Power Installed	Cost of Fuel and Electricity	Cost of Materials	Value of Products		
Male	Female	Wages				Net	Gross	
No.	No.	\$	h.p.	\$	\$	\$	\$	
363	544	538,857	485	29,875	2,880,150	1,726,211	4,636,236	1
301	542	664,777	1,551	49,465	10,149,154	2,239,453	12,438,072	2
162	32	206,233	1,491	29,651	803,324	2,193,198	1,406,173	3
663	415	1,027,225	3,075	105,263	2,318,468	2,815,199	5,238,930	4
7,398	15,817	18,775,101	4,832	353,223	60,087,644	40,228,396	100,669,263	5
4,586	12,642	13,338,137	2,498	240,550	40,206,626	28,140,669	68,587,845	6
720	1,191	1,391,083	222	29,868	155,703	1,870,027	2,055,598	7
818	332	1,215,504	8,270	129,940	4,903,793	4,159,212	9,192,945	8
169	1,283	837,855	604	23,323	2,377,079	2,757,744	5,158,146	9
168	115	204,695	1,761	34,485	1,410,257	666,215	2,110,957	10
237	626	563,767	416	12,064	2,544,848	1,373,855	3,930,767	11
177	483	546,964	2,127	82,863	2,259,283	2,379,156	4,721,302	12
14,784	7,834	20,806,639	117,231	3,111,019	53,958,165	46,320,684	103,389,868	13
835	168	925,793	4,871	294,600	2,010,841	2,579,597	4,885,038	14
309	-	161,254	718	9,647	602,623	412,238	1,024,508	15
36	156	123,515	103	4,948	364,073	280,524	649,545	16
1,946	2,233	3,609,749	2,101	150,582	7,939,417	7,723,662	15,813,661	17
7,611	13,376	16,391,004	20,576	916,634	35,756,140	32,754,554	69,427,328	18
1,077	325	1,387,084	8,498	239,671	7,161,945	6,460,528	13,862,144	19
978	1,432	1,955,439	1,893	82,875	5,279,497	6,624,953	11,987,325	20
131	335	355,490	261	14,578	1,327,049	786,015	2,127,642	21
5,009	2,692	7,004,826	26,583	1,253,444	11,662,908	18,291,457	31,207,899	22
4,353	2,778	6,637,916	16,992	769,868	24,313,179	16,768,251	41,851,298	23
1,164	329	1,456,287	9,727	175,321	6,881,478	5,476,391	17,512,140	24
1,591	1,621	2,638,703	8,912	300,826	10,624,128	6,587,460	17,512,140	25
78	84	148,670	256	11,336	678,516	343,254	1,033,106	26
55,664	67,385	102,912,567	246,054	8,455,919	298,656,288	240,338,903	547,451,110	
29	-	21,943	436	5,024	46,855	151,103	202,982	1
85	6	72,306	123	9,185	90,926	237,592	337,703	2
478	2	438,723	1,854	25,460	619,589	931,134	1,576,183	3
3,226	2,633	5,146,361	9,740	341,773	20,874,823	14,733,251	35,949,847	4
3,569	250	2,919,595	16,568	189,617	5,203,647	5,985,404	11,378,668	5
186	-	171,668	1,265	22,833	238,473	343,128	604,434	6
677	117	671,099	2,247	52,919	1,127,928	1,574,100	2,754,947	7
538	6	493,007	2,828	38,440	1,612,083	996,730	2,647,253	8
1,591	418	3,256,224	2,813	120,804	1,524,799	6,761,277	8,406,880	9
89	15	77,516	1,139	12,606	112,118	177,138	301,882	10
941	2	786,900	6,287	97,537	2,343,334	1,977,472	4,418,343	11
9,492	402	9,108,810	22,229	558,711	14,377,057	17,358,617	32,294,385	12
425	168	426,079	1,452	29,518	457,771	860,307	1,347,596	13
1,474	570	2,607,435	3,228	99,105	4,839,526	6,398,785	11,337,416	14
2,098	1,295	3,359,225	11,601	385,033	16,952,299	12,670,289	30,007,621	15
1,543	206	1,450,838	6,342	104,236	2,980,265	3,345,836	6,430,337	16
8,115	72	7,441,051	54,215	616,509	19,265,400	16,139,306	36,021,215	17
7,150	2,624	10,274,678	15,312	532,514	15,275,727	24,936,284	40,744,525	18
8,421	1,266	13,529,772	30,506	831,922	14,321,069	49,348,480	64,501,471	19
29,495	594	44,380,483	2,090,836	31,045,406	108,758,862	158,230,575	298,034,843	20
190	2	185,107	514	11,679	380,148	613,257	1,005,084	21
639	3	756,549	3,789	227,341	4,269,937	4,278,074	8,775,352	22
34,340	236	29,416,835	380,361	2,114,252	70,948,598	61,700,043	134,762,893	23
259	5	335,462	123	17,719	58,284	748,696	824,699	24
704	75	493,861	1,617	11,521	654,453	915,594	1,581,568	25
1,056	58	727,688	4,111	45,325	1,207,317	1,867,517	3,120,159	26
1,277	119	1,361,649	5,926	197,530	7,454,029	3,611,512	11,263,071	27
118,087	11,144	139,910,864	2,677,502	37,744,519	315,995,317	396,891,501	750,631,337	
5,731	67	6,951,116	23,026	583,276	10,323,849	11,646,334	22,553,459	1
8,271	165	11,636,595	6,294	281,515	6,813,343	19,473,044	26,567,902	2
14,147	161	25,476,116	62,371	1,162,206	128,833,690	59,811,659	189,807,555	3
7,993	1,015	12,240,405	50,229	1,069,568	35,690,690	28,118,366	64,878,624	4
503	25	840,848	1,618	53,312	1,456,955	1,169,817	2,680,084	5
2,624	11	3,663,275	16,166	306,540	6,544,887	8,014,006	14,865,343	6
3,434	-	5,321,385	31,581	388,958	16,158,502	14,682,602	31,230,062	7
10,409	167	13,154,455	48,879	1,576,610	20,324,185	27,364,603	49,265,398	8
6,486	956	8,248,220	17,727	658,280	11,090,315	23,484,397	35,232,992	9
4,553	67	5,262,391	9,844	417,966	7,568,843	12,418,328	20,405,137	10
2,123	54	2,672,077	11,930	414,170	5,690,364	6,895,917	13,000,451	11
13,736	522	19,180,769	57,815	1,213,122	30,675,072	52,372,458	84,260,652	12
16,315	108	25,718,992	219,407	9,582,791	54,045,692	50,969,926	114,598,409	13

9.—Statistics of the Numbers, Capital, Employees, Salaries and Wages, Power, Fuel,

	Industry and Group	Establishments	Capital Employed	Employees on Salaries		
				Male	Female	Salaries
		No.	\$	No.	No.	\$
5.—Iron and Its Products—concluded						
14	Railway rolling-stock.....	35	94,375,351	1,503	130	3,397,228
15	Sheet metal products.....	168	68,038,783	1,364	479	3,459,025
16	Shipbuilding and repairs.....	47	48,565,107	620	116	1,483,736
17	Wire and wire goods.....	73	32,939,491	507	216	1,537,270
	Totals, Iron and Its Products.....	1,433	837,382,032	17,626	5,308	44,097,246
6.—Non-ferrous Metal Products—						
1	Aluminium products.....	26	14,735,022	278	115	561,169
2	Brass and copper products.....	132	32,930,544	1,089	358	2,691,308
3	Electrical apparatus and supplies.....	194	118,825,205	4,676	1,904	12,417,627
4	Jewellery and silverware.....	113	11,837,692	473	250	1,422,947
5	Miscellaneous non-ferrous metal products.....	25	2,650,068	113	45	282,520
6	Non-ferrous metal smelting and refining.....	14	234,826,742	1,356	202	3,661,048
7	White metal alloys.....	41	9,961,580	231	124	648,622
	Totals, Non-Ferrous Metal Products.....	545	425,766,853	8,216	2,998	21,685,241
7.—Non-Metallic Mineral Products—						
1	Abrasive products.....	16	8,120,898	205	81	690,791
2	Asbestos products.....	13	2,317,225	72	19	188,184
3	Cement.....	8	50,370,276	79	4	191,548
4	Cement products.....	128	4,362,184	205	25	394,312
5	Clay products from domestic clay.....	143	17,146,443	261	35	605,913
6	Clay products from imported clay.....	21	5,359,190	127	53	361,970
7	Coke and gas products.....	31	96,748,283	855	299	1,812,356
8	Glass products.....	78	17,388,129	374	137	973,978
9	Gypsum products.....	9	3,151,533	27	3	60,129
10	Lime.....	55	5,107,739	67	10	127,943
11	Miscellaneous non-metallic mineral products.....	57	12,360,765	182	36	452,277
12	Petroleum products.....	49	76,581,743	865	161	2,599,142
13	Salt.....	9	4,993,914	80	40	299,521
14	Sand-lime brick.....	5	385,930	15	1	28,677
15	Stone, monumental and ornamental.....	182	4,697,903	293	33	439,860
	Totals, Non-Metallic Mineral Products.....	804	309,092,155	3,707	937	9,226,601
8.—Chemicals and Allied Products—						
1	Acids, alkalies and salts.....	27	45,832,949	601	136	1,878,962
2	Adhesives.....	21	2,742,463	85	29	224,468
3	Coal tar distillation.....	10	4,144,389	84	9	119,714
4	Fertilizers.....	26	19,050,457	296	72	790,779
5	Gases, compressed.....	31	5,398,557	251	116	645,895
6	Inks, printing and writing.....	33	2,671,482	182	57	666,638
7	Medicinal and pharmaceutical preparations.....	167	28,158,494	1,327	698	4,031,394
8	Miscellaneous chemical products.....	140	48,699,883	978	317	2,481,808
9	Paints, pigments and varnishes.....	93	28,898,421	1,277	374	3,390,653
10	Polishes and dressings.....	49	2,918,822	188	95	475,733
11	Soaps, washing compounds, etc.....	110	16,293,861	818	281	1,941,717
12	Toilet preparations.....	91	6,900,429	308	295	966,399
13	Wood distillation.....	6	1,900,303	14	—	24,035
	Totals, Chemicals and Allied Products.....	804	213,610,510	6,359	2,479	17,638,195
9.—Miscellaneous Industries—						
1	Artificial flowers and feathers.....	25	475,498	53	30	97,483
2	Automobile accessories, fabric.....	10	1,174,380	58	23	169,878
3	Brooms, brushes and mops.....	83	4,531,951	248	99	614,419
4	Buttons.....	22	1,877,541	126	37	263,441
5	Candles.....	12	947,295	51	15	125,648
6	Fountain pens and pencils.....	9	2,226,102	129	68	344,472
7	Ice, manufactured.....	51	4,262,107	99	20	190,744
8	Jewellery cases and silverware cabinets.....	4	381,566	23	21	71,314
9	Lamps, electric, and lamp shades.....	23	865,421	56	28	125,174
10	Mattresses and springs.....	73	9,219,963	361	130	1,041,548
11	Miscellaneous, including carpet sweepers.....	3	156,695	11	4	26,289
12	Motion pictures.....	5	867,668	44	19	147,225
13	Musical instruments.....	17	3,190,786	83	22	168,917
14	Pipes, tobacco.....	4	44,757	5	—	5,043
15	Regalia and society emblems.....	9	112,784	12	6	20,526
16	Scientific and professional equipment.....	31	6,173,849	211	120	639,164
17	Signs, electric, neon and other.....	42	2,399,650	154	26	364,410
18	Sporting goods.....	38	2,405,514	148	50	287,326
19	Stamps and stencils, rubber and metal.....	42	900,895	85	20	155,192

Materials, and Values of Products of Canadian Manufacturing Industries, 1940—con.

Employees on Wages			Power Installed	Cost of Fuel and Electricity	Cost of Materials	Value of Products		
Male	Female	Wages				Net	Gross	
No.	No.	\$	h.p.	\$	\$	\$	\$	
19,824	26	28,952,281	117,210	2,351,894	52,289,540	40,700,278	95,341,712	14
7,483	1,041	9,462,803	22,395	808,637	38,041,652	25,427,156	64,277,445	15
8,964	7	14,269,731	46,327	575,248	18,633,954	25,481,735	44,690,937	16
4,047	356	5,588,864	20,376	717,339	10,298,230	21,431,324	32,446,893	17
136,643	4,748	198,640,323	763,195	22,161,342	454,479,763	429,461,950	906,103,055	
1,725	182	2,162,954	15,258	262,500	8,920,649	5,712,133	14,895,282	1
5,484	423	7,680,267	28,155	904,663	35,196,919	21,136,976	57,238,558	2
13,906	4,634	20,829,028	88,465	1,621,175	58,371,201	70,009,081	130,001,457	3
2,302	820	3,392,914	4,015	129,634	8,636,509	8,385,360	17,151,503	4
318	85	408,251	617	28,851	951,299	2,554,655	3,534,805	5
11,908	—	18,105,149	455,783	19,510,663	187,790,596	98,059,288	305,360,547	6
984	332	1,392,007	5,813	162,872	7,941,052	4,495,291	12,599,215	7
36,627	6,476	53,970,570	598,106	22,620,358	307,808,225	210,352,784	540,781,367	
1,148	5	1,570,704	9,138	1,208,439	4,693,981	9,422,273	15,324,693	1
341	44	403,798	3,972	126,352	1,150,499	1,279,427	2,556,278	2
969	—	1,324,218	87,292	2,347,730	1,943,491	8,715,422	13,006,643	3
908	7	906,673	4,299	170,084	2,407,552	2,725,924	5,303,560	4
2,261	—	2,069,338	22,732	1,282,593	139,635	4,922,319	6,344,547	5
938	263	1,211,640	2,718	302,773	1,084,669	3,116,349	4,503,791	6
2,939	2	4,564,109	33,842	3,968,934	21,037,329	21,667,397	46,673,660	7
2,685	489	3,480,837	14,612	991,409	5,217,347	8,208,907	14,417,663	8
332	—	364,894	4,327	157,299	1,630,819	2,322,677	4,110,795	9
885	—	875,728	7,952	1,424,047	1,777,499	3,583,009	5,194,555	10
1,103	34	1,267,585	10,066	403,779	3,129,764	5,207,018	8,740,561	11
4,117	13	6,209,395	54,059	5,751,495	94,860,521	21,600,784	122,212,800	12
436	30	536,985	4,718	231,589	539,179	2,461,482	3,322,250	13
87	—	87,765	830	28,939	116,983	173,987	319,909	14
729	6	796,965	9,977	133,417	1,183,112	2,276,094	3,592,623	15
19,878	893	25,670,634	270,534	18,618,879	139,312,380	97,693,069	255,624,328	
3,249	16	4,748,733	84,334	3,794,629	8,818,251	18,388,048	31,000,928	1
368	15	396,983	2,351	146,661	1,120,288	1,522,440	2,789,389	2
280	—	339,660	1,023	237,242	2,480,378	2,257,467	4,975,087	3
1,019	5	1,352,111	19,718	760,783	9,525,143	4,817,893	15,103,819	4
368	1	457,567	6,950	178,683	648,259	4,107,371	4,934,313	5
313	33	409,835	2,043	47,604	1,601,868	2,149,707	3,799,179	6
1,178	1,347	2,262,365	4,714	211,115	10,896,929	18,463,424	29,571,468	7
4,294	1,522	6,014,489	39,518	846,700	16,415,637	20,187,704	37,450,041	8
1,910	189	2,418,900	10,311	390,511	15,232,488	14,486,131	30,109,130	9
150	97	218,425	274	21,816	1,952,597	1,973,799	3,948,212	10
1,222	328	1,644,167	7,330	431,887	10,081,240	10,342,753	20,855,880	11
231	479	545,157	786	30,864	3,112,823	5,162,229	8,305,916	12
230	—	194,403	389	135,469	648,573	262,934	1,046,976	13
14,812	4,032	21,002,795	179,741	7,233,964	82,534,474	104,121,900	193,890,338	
106	365	278,063	22	3,894	332,143	514,086	850,123	1
232	130	445,307	765	23,060	977,038	1,033,576	2,033,674	2
914	275	984,399	1,837	52,366	2,848,321	2,818,254	5,718,941	3
509	316	624,161	1,195	41,477	1,025,774	1,457,137	2,524,388	4
63	32	69,839	50	10,022	334,792	463,998	808,812	5
180	226	315,926	533	17,420	872,115	1,244,273	2,133,808	6
458	11	469,240	11,082	199,764	66,348	1,599,143	1,865,255	7
122	107	165,500	188	7,319	282,489	355,988	645,796	8
177	172	260,847	245	10,332	605,402	666,408	1,282,142	9
2,094	345	2,342,419	5,341	146,051	7,760,228	5,990,898	13,897,177	10
24	14	22,914	53	3,246	78,723	94,365	176,334	11
77	14	136,293	68	8,942	645,159	539,376	1,193,477	12
464	14	444,952	1,446	41,327	421,235	758,529	1,221,091	13
33	2	21,476	25	1,252	15,240	34,547	51,039	14
13	16	26,360	26	758	35,376	64,761	100,895	15
576	269	1,005,065	2,399	74,386	2,716,319	3,760,657	6,551,362	16
376	4	487,311	366	66,701	459,408	1,681,627	2,207,736	17
422	138	462,409	1,487	38,836	1,027,159	1,111,264	2,177,259	18
191	9	220,859	215	11,994	148,565	608,112	768,671	19

9.—Statistics of the Numbers, Capital, Employees, Salaries and Wages, Power, Fuel,

	Industry and Group	Establish- ments	Capital Employed	Employees on Salaries		
				Male	Female	Salaries
		No.	\$	No.	No.	\$
9.—Miscellaneous Industries—concluded						
20 Statuary, art goods and novelties.....	44	627,593	67	22	137,546	
21 Store and display accessories.....	6	97,008	14	5	24,595	
22 Toys.....	14	628,326	21	21	50,011	
23 Typewriter supplies.....	8	1,095,781	55	30	240,964	
24 Umbrellas.....	7	274,630	26	8	59,538	
Totals, Miscellaneous Industries..	582	44,937,760	2,140	824	5,370,867	
Grand Totals, All Industries.....	25,513	4,095,716,836	104,267	31,493	241,599,761	

10.—Statistics of the Numbers, Capital, Employees, Salaries and Wages, Power, Fuel,

	Industry and Group	Establish- ments	Capital Employed	Employees on Salaries		
				Male	Female	Salaries
		No.	\$	No.	No.	\$
PROVINCE						
1 Prince Edward Island.....	213	3,106,369	237	59	228,832	
2 Nova Scotia.....	1,177	124,409,791	2,384	636	4,337,041	
3 New Brunswick.....	791	97,952,799	2,033	600	4,886,813	
4 Quebec.....	8,711	1,700,527,405	38,569	12,607	88,836,742	
5 Ontario.....	10,250	2,336,788,884	57,457	23,374	153,447,285	
6 Manitoba.....	1,184	163,489,471	4,583	1,356	9,799,218	
7 Saskatchewan.....	945	42,158,738	2,015	433	3,287,564	
8 Alberta.....	1,108	95,676,318	2,967	779	5,604,442	
9 British Columbia.....	1,905	340,609,179	6,990	1,849	16,384,683	
10 Yukon and Northwest Territories.....	9	785,012	16	—	24,241	
Totals.....	26,293	4,905,503,966	117,251	41,693	286,336,861	
INDUSTRIAL GROUP						
1 Vegetable products.....	5,948	634,728,760	18,080	5,799	41,674,374	
2 Animal products.....	4,240	303,657,373	13,047	3,520	24,956,045	
3 Textiles and textile products.....	2,104	439,078,775	11,721	5,843	35,542,721	
4 Wood and paper products.....	9,420	1,086,022,546	27,128	7,530	60,416,988	
5 Iron and its products.....	1,759	1,138,701,669	22,794	9,120	58,290,799	
6 Non-ferrous metal products.....	579	545,852,427	8,466	3,669	24,850,649	
7 Non-metallic mineral products.....	773	325,032,038	3,863	1,076	10,160,334	
8 Chemicals and allied products.....	849	358,429,529	9,138	3,826	23,324,430	
9 Miscellaneous industries.....	621	73,990,849	3,014	1,310	7,120,521	
1.—Vegetable Products—						
1 Aerated and mineral waters.....	479	26,219,347	1,233	313	2,492,968	
2 Biscuits, confectionery, cocoa, etc.....	204	45,453,147	2,279	742	5,703,609	
3 Bread and other bakery products.....	3,034	53,473,380	2,890	1,032	4,642,716	
4 Breweries.....	61	68,360,886	1,484	196	4,387,176	
5 Distilleries.....	15	36,905,806	385	115	1,267,574	
6 Flour and feed mills.....	1,129	59,941,631	1,781	335	2,869,326	
7 Foods, breakfast.....	34	5,726,633	157	46	355,720	
8 Foods, stock and poultry.....	118	10,310,540	443	162	934,267	
9 Foods, miscellaneous (incl. coffee, tea and spices).....	240	41,268,980	1,545	520	3,787,381	
10 Fruit and vegetable preparations.....	377	55,236,970	1,205	547	2,819,164	
11 Ice cream cones.....	6	645,300	17	8	32,065	
12 Macaroni, vermicelli, etc.....	17	2,659,765	85	27	164,988	
13 Malt products.....	11	10,572,381	72	16	212,308	
14 Rice mills.....	5	1,463,910	19	2	59,807	
15 Rubber goods, incl. rubber footwear.....	56	71,985,540	1,994	910	5,451,172	
16 Starch and glucose.....	8	7,081,339	141	76	524,636	
17 Sugar refineries.....	11	43,915,168	378	98	1,187,467	
18 Tobacco, cigars and cigarettes.....	82	66,698,907	1,473	589	3,632,063	
19 Tobacco processing and packing.....	18	14,010,726	180	13	426,812	
20 Vegetable oil mills.....	10	3,454,898	48	15	129,013	
21 Wine.....	33	9,343,506	271	37	594,142	
Totals, Vegetable Products.....	5,948	634,728,760	18,080	5,799	41,674,374	

Materials, and Values of Products of Canadian Manufacturing Industries, 1940—con.

Employees on Wages			Power Installed	Cost of Fuel and Electricity	Cost of Materials	Value of Products	
Male	Female	Wages				Net	Gross
No.	No.	\$				\$	\$
145	164	233,039	134	13,510	278,364	530,101	821,975
35	4	28,840	110	2,524	32,619	88,644	123,787
190	121	226,441	196	13,702	373,982	541,798	929,482
118	40	178,220	362	10,001	703,740	618,105	1,331,846
18	75	76,714	18	800	287,468	219,736	508,004
7,537	2,863	9,526,594	28,163	799,684	22,328,007	26,795,383	49,923,074
491,439	135,045	679,273,104	5,290,935	136,980,175	2,449,721,903	1,942,471,238	4,529,173,316

Materials, and Values of Products of Canadian Manufacturing Industries, 1941

Employees on Wages			Power Installed	Cost of Fuel and Electricity	Cost of Materials	Value of Products	
Male	Female	Wages				Net	Gross
No.	No.	\$				\$	\$
572	237	452,051	5,462	72,053	3,229,433	1,347,999	4,649,476
18,166	3,391	23,190,298	164,322	5,775,238	76,779,821	51,318,369	133,873,428
14,321	2,646	17,331,594	243,796	4,902,659	59,234,107	47,296,960	111,433,726
199,739	76,676	304,982,929	2,093,092	64,839,482	961,162,209	815,086,832	1,841,088,523
306,368	81,031	507,274,993	2,314,832	77,788,596	1,683,912,216	1,360,055,756	3,121,756,568
21,561	4,762	31,095,049	186,277	4,753,207	132,330,823	74,450,721	211,534,751
5,579	519	6,692,410	71,346	2,012,226	65,836,308	28,172,441	96,020,975
11,442	1,573	14,547,263	119,373	2,516,387	94,176,887	45,958,219	142,651,493
49,036	4,572	72,871,795	651,264	11,969,432	219,755,738	181,232,637	412,957,807
41	2	87,400	312	12,037	129,477	199,863	341,377
626,825	175,409	978,525,782	5,850,076	174,641,317	3,296,547,019	2,605,119,788	6,076,308,124
61,109	28,765	89,391,719	402,441	15,189,944	532,876,217	349,912,287	897,978,448
48,982	16,582	65,228,992	163,917	7,894,266	534,909,242	165,416,939	708,220,447
60,539	78,789	123,796,307	251,916	9,183,699	367,149,392	290,105,448	666,438,539
130,995	14,314	167,404,751	2,772,081	41,968,467	389,999,813	463,967,834	892,936,114
210,772	11,015	349,773,336	963,548	32,061,942	715,595,982	735,511,841	1,483,169,765
50,806	10,509	84,044,351	673,480	31,392,961	406,132,161	288,823,325	726,348,447
22,592	1,298	32,215,880	285,820	23,723,021	183,140,990	117,425,887	324,289,898
31,149	9,901	52,310,311	302,746	12,171,272	134,924,947	157,304,350	304,400,569
9,881	4,236	14,360,135	34,127	1,055,745	34,818,275	36,651,877	72,525,897
4,589	144	5,169,401	5,738	914,785	14,094,563	26,094,039	41,103,387
4,638	6,764	9,108,027	25,474	1,055,698	37,132,251	36,326,112	74,514,061
17,288	3,759	21,277,270	19,571	3,392,851	44,172,928	44,550,528	92,116,307
4,202	50	6,125,629	30,068	1,106,447	34,343,933	27,835,011	63,285,393
1,092	502	1,752,197	10,282	666,155	8,490,536	13,795,748	22,952,439
4,284	128	5,029,003	129,505	1,617,342	115,939,001	26,615,294	144,171,637
355	182	666,194	5,744	189,084	3,413,767	5,320,812	8,923,663
882	45	1,004,172	10,921	255,118	15,165,707	4,348,410	19,769,235
1,626	1,435	2,847,681	11,094	417,948	48,864,582	20,170,255	69,452,785
4,873	5,318	7,345,952	24,337	1,054,360	45,421,597	29,122,353	75,598,310
40	21	60,009	51	18,621	196,639	280,836	496,096
186	132	240,671	1,904	78,649	1,141,376	721,801	1,941,826
321	6	473,226	6,614	364,602	5,294,790	3,113,800	8,773,192
62	-	75,232	886	5,822	1,497,153	263,491	1,766,466
10,048	4,239	17,341,204	78,377	1,708,717	59,340,321	58,088,738	119,137,776
611	32	756,548	4,847	393,844	6,061,868	3,211,721	9,667,433
2,043	123	2,647,172	27,603	1,487,848	46,067,190	14,847,671	62,402,709
2,101	5,041	5,367,051	3,668	223,594	25,597,808	27,900,648	53,722,050
1,194	783	1,813,011	920	58,580	11,617,955	2,844,204	14,520,739
250	-	283,112	3,467	101,031	6,180,424	1,838,734	8,120,189
424	61	508,957	1,370	78,848	2,841,826	2,622,081	5,542,755
61,109	28,765	89,391,719	402,441	15,189,944	532,876,217	349,912,287	897,978,448

10.—Statistics of the Numbers, Capital, Employees, Salaries and Wages, Power, Fuel,

Industry and Group		Establish- ments	Capital Employed	Employees on Salaries		
				Male	Female	Salaries
		No.	\$	No.	No.	\$
2.—Animal Products—						
1	Animal oils and fats.....	7	384,875	15	2	28,417
2	Belting, leather.....	16	1,358,022	62	25	158,153
3	Boot and shoe findings, leather.....	18	1,696,499	54	15	165,899
4	Boots and shoes, leather.....	210	34,243,680	1,662	608	4,127,173
5	Butter and cheese.....	2,427	68,466,579	4,903	1,221	6,189,450
6	Cheese, processed.....	22	3,932,338	79	35	222,395
7	Condensed milk.....	25	7,353,330	159	52	359,063
8	Dairy products, other.....	59	3,251,769	138	38	293,461
9	Fish curing and packing.....	463	27,534,878	757	120	1,210,201
10	Fur dressing and dyeing.....	17	2,081,209	120	30	309,764
11	Fur goods.....	403	17,454,293	822	285	1,982,355
12	Gloves and mittens, leather.....	60	3,608,761	203	78	431,361
13	Hair goods, animal and human.....	5	121,434	6	2	6,261
14	Leather tanneries.....	78	27,991,475	365	94	1,198,227
15	Miscellaneous leather goods.....	216	9,067,922	599	211	1,339,365
16	Sausage and sausage casings.....	68	1,370,219	99	23	167,031
17	Slaughtering and meat packing.....	146	93,740,090	3,004	681	6,767,469
Totals, Animal Products.....		4,240	303,657,373	13,047	3,520	24,956,045
3.—Textiles and Textile Products—						
1	Awnings, tents and sails.....	71	2,907,766	171	55	337,716
2	Bags, cotton and jute.....	26	9,684,527	104	48	406,464
3	Batting and wadding.....	4	1,815,141	34	9	114,058
4	Carpets, mats and rugs.....	20	7,904,364	168	62	555,795
5	Clothing, men's factory.....	381	56,927,392	2,774	1,211	7,651,303
6	Clothing, women's factory.....	671	38,646,342	2,402	1,211	6,744,764
7	Clothing contractors, men's.....	79	620,012	133	24	246,651
8	Clothing contractors, women's.....	56	384,170	70	15	117,051
9	Cordage, rope and twine.....	11	13,136,537	97	38	309,275
10	Corsets.....	24	4,569,994	224	270	836,949
11	Cotton and wool waste.....	18	1,318,965	43	19	110,051
12	Cotton textiles, n.e.s.....	52	3,852,259	155	73	432,373
13	Cotton thread.....	7	4,693,475	137	69	388,613
14	Cotton yarn and cloth.....	39	93,362,427	763	427	2,956,997
15	Dyeing and finishing of textiles.....	29	6,570,684	187	90	652,729
16	Flax, fibre.....	21	1,330,178	39	3	93,064
17	Gloves and mittens, fabric.....	11	512,329	26	9	77,981
18	Hats and caps.....	168	10,295,761	700	307	1,802,694
19	Hosiery and knitted goods.....	181	58,666,872	1,445	904	4,683,481
20	Miscellaneous textiles.....	17	15,111,168	293	109	1,111,390
21	Narrow fabrics, laces, etc.....	36	7,666,052	270	159	804,977
22	Oiled and waterproofed clothing.....	12	1,901,093	50	25	145,468
23	Silk and artificial silk.....	30	42,690,766	570	303	1,977,921
24	Woollen cloth.....	69	28,896,076	517	236	1,840,039
25	Woollen goods, n.e.s.....	30	12,108,232	136	57	563,227
26	Woollen yarn.....	40	13,359,547	211	109	569,961
27	All other industries.....	1	146,646	2	1	11,729
Totals, Textiles and Textile Products.....		2,104	439,078,775	11,721	5,843	35,542,721
4.—Wood and Paper Products—						
1	Beekeepers' and poultrymen's supplies.....	9	210,356	10	6	15,342
2	Blue printing.....	26	329,786	38	9	99,133
3	Boat building.....	113	2,066,747	161	19	221,040
4	Boxes and bags, paper.....	154	28,738,058	885	446	3,087,513
5	Boxes, wooden.....	148	10,038,433	372	94	867,550
6	Carriages, wagons and sleighs.....	61	942,161	80	5	75,199
7	Coffins and caskets.....	57	4,370,459	166	34	352,638
8	Cooperage.....	63	2,166,179	90	16	156,158
9	Engraving, stereotyping and electrotyping.....	110	8,786,203	594	186	1,711,546
10	Excelsior.....	13	483,946	30	20	27,430
11	Flooring, hardwood.....	23	4,305,045	104	36	288,881
12	Furniture.....	411	31,029,254	1,394	427	3,362,233
13	Lasts, trees and shoe findings.....	16	1,537,177	74	36	180,565
14	Lithographing.....	42	13,086,250	432	231	1,761,302
15	Miscellaneous paper products.....	151	27,953,058	900	468	2,956,857
16	Miscellaneous wooden products.....	134	6,972,048	236	95	589,948
17	Planing mills, sash and door factories.....	805	35,436,688	1,523	325	2,765,498
18	Printing and bookbinding.....	1,339	46,901,993	3,207	1,045	7,510,347
19	Printing and publishing.....	808	55,945,648	6,253	2,408	13,568,262
20	Pulp and paper.....	106	678,937,841	3,994	976	12,924,964

Materials, and Values of Products of Canadian Manufacturing Industries, 1941—con.

Employees on Wages			Power Installed	Cost of Fuel and Electricity	Cost of Materials	Value of Products		
Male	Female	Wages				Net	Gross	
No.	No.	\$	h.p.	\$	\$	\$	\$	
87	—	107,821	787	39,698	262,463	281,842	584,003	1
190	4	248,708	258	14,859	1,132,852	709,143	1,856,854	2
446	112	493,254	3,669	92,605	1,282,506	1,110,376	2,485,487	3
9,280	7,291	13,560,153	7,987	356,771	32,201,024	24,495,456	57,053,251	4
11,972	826	13,601,229	48,701	3,065,785	135,610,642	41,547,206	180,223,633	4
215	177	369,030	1,201	34,711	5,295,916	1,969,406	7,300,033	6
818	48	944,800	6,100	559,427	16,472,749	4,405,632	21,437,808	7
388	66	461,003	2,431	113,033	2,169,457	1,926,935	4,209,425	8
4,692	1,257	4,386,584	19,419	640,209	30,112,828	17,423,054	48,176,091	9
807	183	1,030,786	1,935	44,628	180,054	1,951,607	2,476,289	10
1,867	1,388	3,709,867	864	108,054	17,856,353	8,496,919	26,461,326	11
828	1,409	1,777,372	388	32,064	3,699,270	3,087,201	6,818,535	12
28	5	26,959	78	2,800	106,008	70,115	178,923	13
3,913	268	4,539,284	16,275	623,336	23,533,255	9,479,128	33,635,719	14
2,175	1,935	3,178,386	1,964	86,501	8,728,523	7,079,315	15,894,339	15
269	45	306,741	527	59,277	2,385,517	743,522	3,188,316	16
11,007	1,568	16,487,015	51,333	2,020,508	253,579,825	40,640,082	296,240,415	17
48,982	16,582	65,228,992	163,917	7,894,266	531,909,242	165,416,939	708,220,447	
394	603	814,375	494	34,892	3,450,222	2,052,331	5,537,445	1
292	645	784,171	1,626	57,933	14,142,983	3,628,885	17,829,801	2
178	41	257,508	1,614	40,672	1,113,819	775,376	1,929,867	3
712	539	1,251,819	3,045	118,020	2,888,194	3,673,379	6,679,593	4
7,685	17,791	22,313,465	5,100	400,806	70,315,334	45,792,745	116,508,885	5
5,208	15,724	17,918,958	3,046	288,742	55,574,273	38,078,934	93,941,949	6
669	910	1,416,230	183	27,649	145,557	2,016,660	2,189,866	7
179	665	732,200	112	12,063	62,491	1,013,430	1,087,984	8
870	341	1,359,187	8,344	141,875	5,684,207	5,069,912	10,895,994	9
160	1,609	1,089,219	622	27,044	2,948,813	3,195,826	6,171,683	10
208	144	265,398	1,801	44,428	2,070,739	891,564	3,006,731	11
373	1,022	992,346	542	28,936	4,529,384	2,512,130	7,070,450	12
196	524	643,394	2,278	86,113	2,749,363	2,856,696	5,692,172	13
16,006	9,179	24,221,145	115,247	2,997,845	69,284,679	56,138,488	128,421,012	14
1,060	250	1,267,177	5,122	414,376	3,226,086	3,596,856	7,237,318	15
507	6	407,657	1,741	22,382	—	2,291,462	2,313,844	16
49	292	208,257	262	7,734	539,337	458,248	1,005,319	17
2,008	2,629	4,208,782	2,276	173,440	9,600,183	9,281,582	19,055,205	18
7,638	14,375	17,740,258	21,230	1,016,683	39,128,357	36,977,169	77,122,209	19
1,205	431	1,775,199	8,658	272,148	9,372,395	7,913,070	17,557,613	20
1,303	1,766	2,326,833	2,122	99,592	6,221,838	6,008,088	13,329,518	21
224	718	792,195	266	20,434	2,712,197	1,768,327	4,500,958	22
5,975	3,292	9,027,849	28,593	1,483,599	15,855,842	24,210,404	41,549,845	23
4,583	3,067	7,445,826	17,618	854,405	25,516,953	16,805,081	43,176,439	24
1,301	372	1,698,002	10,674	197,715	7,857,306	5,905,605	13,960,626	25
1,542	1,845	2,818,983	9,270	312,260	11,963,231	6,020,055	18,295,546	26
14	9	19,874	30	1,913	195,609	173,145	370,667	27
60,539	78,789	123,796,307	251,916	9,183,699	367,149,392	290,105,448	666,438,539	
28	—	25,173	312	4,795	83,384	143,247	231,426	1
95	8	86,742	119	10,875	149,667	339,572	500,114	2
664	15	686,707	2,308	33,956	908,459	1,341,653	2,284,058	3
3,805	3,477	6,828,536	10,894	412,827	28,184,335	18,868,761	47,465,923	4
4,260	293	3,980,065	18,091	243,644	8,371,536	8,046,233	16,661,413	5
220	—	202,285	1,352	25,770	328,997	440,769	795,446	6
712	140	790,491	2,176	58,345	1,369,481	1,711,580	3,139,405	7
650	—	689,465	2,764	38,292	2,169,598	1,397,716	3,605,606	8
1,638	525	3,580,479	3,029	127,383	1,799,613	7,562,212	9,489,208	9
115	18	103,205	1,269	16,094	166,672	275,915	458,681	10
1,115	3	1,046,587	6,253	119,308	2,948,348	2,424,348	5,492,004	11
10,967	567	11,681,312	23,111	645,942	19,378,080	22,752,314	42,776,336	12
443	217	511,313	1,657	32,979	609,499	1,035,525	1,678,003	13
1,524	665	3,035,654	2,929	106,062	5,694,806	7,682,140	13,483,008	14
2,477	1,789	4,452,308	13,900	440,050	23,649,340	16,898,517	40,987,907	15
1,756	331	1,952,767	6,917	129,279	3,897,194	4,077,821	8,104,294	16
9,969	163	10,058,904	59,795	703,417	25,954,103	22,154,949	48,812,469	17
7,451	3,297	11,931,644	15,746	588,810	19,387,237	29,354,074	49,330,121	18
8,428	1,454	14,272,679	31,099	881,343	15,561,811	51,568,894	68,012,018	19
31,493	691	50,752,854	2,137,795	34,437,122	125,437,012	174,554,741	334,428,875	20

10.—Statistics of the Numbers, Capital, Employees, Salaries and Wages, Power, Fuel,

	Industry and Group	Establish- ments	Capital Employed	Employees on Salaries		
				Male	Female	Salaries
		No.	\$	No.	No.	\$
4.—Wood and Paper Products—concluded						
21 Refrigerators, other than electric.....	13	674,052	37	12	82,678	
22 Roofing paper, etc.....	16	5,830,938	283	122	850,277	
23 Sawmills.....	4,655	100,982,006	5,810	366	5,664,986	
24 Trade composition.....	39	1,147,613	75	26	191,520	
25 Woodenware.....	19	1,184,045	36	9	80,246	
26 Wood turning.....	57	3,405,397	128	41	250,986	
27 All other industries.....	32	12,561,165	216	72	773,889	
Totals, Wood and Paper Products.	9,420	1,086,022,546	27,128	7,530	60,416,988	
5.—Iron and Its Products—						
1 Agricultural implements.....	34	59,181,436	879	340	2,084,052	
2 Aircraft.....	24	56,890,281	2,742	1,846	4,675,227	
3 Automobiles.....	10	100,507,806	2,079	725	6,318,607	
4 Automobile supplies.....	102	61,183,370	1,205	621	3,611,375	
5 Bicycles.....	7	3,705,772	46	14	105,033	
6 Boilers, tanks and engines.....	40	19,702,179	629	209	1,578,821	
7 Bridge and structural steel.....	22	31,508,621	986	220	2,657,323	
8 Castings, iron.....	203	59,576,792	1,179	448	3,180,771	
9 Hardware and tools.....	196	49,255,871	987	643	3,282,160	
10 Heating and cooking apparatus.....	76	21,156,138	688	263	1,822,735	
11 Iron and steel products, n.e.s.....	148	76,832,162	1,543	537	3,217,661	
12 Machinery.....	247	170,809,396	2,992	1,224	7,966,347	
13 Machine shops.....	238	7,612,080	486	101	1,020,403	
14 Primary iron and steel.....	60	168,750,344	1,236	464	4,163,580	
15 Railway rolling stock.....	34	113,881,540	1,987	270	4,352,092	
16 Sheet metal products.....	171	74,787,774	1,478	625	4,113,159	
17 Shipbuilding and repairs.....	65	86,873,540	1,123	290	2,400,481	
18 Wire and wire goods.....	82	36,486,567	529	280	1,740,972	
Totals, Iron and Its Products.	1,759	1,138,701,669	22,794	9,120	58,290,799	
6.—Non-Ferrous Metal Products—						
1 Aluminium products.....	20	17,661,866	284	132	652,073	
2 Brass and copper products.....	143	57,892,897	1,247	550	3,702,857	
3 Electrical apparatus and supplies.....	211	128,317,208	4,583	2,175	13,503,883	
4 Jewellery and electro-plated ware.....	122	14,253,352	491	325	1,681,811	
5 Miscellaneous non-ferrous metal products.....	26	3,792,406	132	66	377,676	
6 Non-ferrous metal smelting and refining.....	14	309,963,342	1,478	272	4,117,398	
7 White metal alloys.....	43	13,981,356	251	149	814,951	
Totals, Non-Ferrous Metal Products.	579	545,862,427	8,466	3,669	24,850,649	
7.—Non-Metallic Mineral Products—						
1 Abrasive products.....	15	9,833,950	230	107	842,368	
2 Asbestos products.....	12	3,459,185	103	29	231,330	
3 Cement.....	8	51,108,294	79	8	190,771	
4 Cement products.....	122	4,148,169	213	34	456,627	
5 Clay products from domestic clay.....	142	17,377,553	241	41	602,549	
6 Clay products from imported clay.....	22	5,469,188	160	62	408,621	
7 Coke and gas products.....	31	97,894,349	897	291	1,873,179	
8 Glass products.....	81	19,719,438	406	176	1,237,478	
9 Gypsum products.....	9	3,431,883	25	4	66,430	
10 Lime.....	50	4,633,946	76	16	150,695	
11 Miscellaneous non-metallic mineral products.....	44	15,170,025	168	42	467,075	
12 Petroleum products.....	49	82,475,508	874	190	2,824,399	
13 Salt.....	9	5,559,307	106	42	361,661	
14 Sand-lime brick.....	6	454,035	16	1	32,321	
15 Stone, monumental and ornamental.....	173	4,297,208	269	33	414,830	
Totals, Non-Metallic Mineral Products.	773	325,032,038	3,863	1,076	10,160,334	

Materials, and Values of Products of Canadian Manufacturing Industries, 1941—con.

Employees on Wages			Power Installed	Cost of Fuel and Electricity	Cost of Materials	Value of Products		
Male	Female	Wages				Net	Gross	
No.	No.	\$				\$	\$	
258	4	270,851	586	13,790	537,783	611,800	1,163,373	21
712	4	933,453	3,565	274,592	5,284,417	5,454,701	11,013,710	22
38,603	325	35,800,447	413,321	2,316,555	84,435,483	76,660,254	163,412,292	23
273	4	365,358	127	16,705	82,445	784,792	883,942	24
757	81	496,911	1,647	18,865	859,250	788,748	1,666,863	25
1,212	109	972,410	4,872	53,340	1,549,193	2,080,930	3,683,463	26
1,370	134	1,596,351	6,447	218,327	8,202,160	4,955,658	13,376,145	27
130,995	14,314	167,404,751	2,772,081	41,968,467	386,999,813	463,967,834	892,936,114	
7,476	109	10,093,708	25,071	765,294	14,408,498	19,248,410	34,422,202	1
20,418	1,655	35,266,790	11,182	649,801	19,937,484	60,780,625	81,367,910	2
19,377	220	38,464,457	96,859	1,512,237	201,124,930	77,321,172	279,958,339	3
12,680	1,632	22,152,897	59,681	1,534,124	73,307,685	49,545,058	124,386,867	4
609	40	1,048,724	1,830	66,901	1,960,719	1,532,535	3,560,155	5
3,598	34	5,708,088	15,735	437,270	10,166,384	12,485,129	23,088,783	6
5,956	—	9,909,215	31,531	576,908	20,861,731	36,916,867	58,355,506	7
14,035	208	21,230,382	53,205	2,275,511	31,807,953	43,555,188	77,638,652	8
8,834	1,438	13,666,416	21,163	881,534	17,176,637	41,494,144	59,552,315	9
5,095	129	6,486,519	10,814	446,988	9,162,080	15,744,242	25,353,310	10
9,711	2,069	18,319,327	49,398	1,268,709	16,581,695	33,650,542	51,600,946	11
18,263	897	29,709,708	62,499	1,412,852	44,617,850	78,128,639	124,159,341	12
2,297	42	3,360,164	5,456	181,722	2,464,676	7,431,367	10,077,765	13
21,894	141	40,873,515	254,746	13,888,384	78,824,366	71,853,642	164,566,392	14
25,803	66	41,774,740	128,189	3,277,541	63,310,071	51,492,529	118,080,141	15
9,994	1,653	14,400,753	24,774	973,104	55,176,062	39,230,070	95,379,236	16
19,804	23	29,941,345	88,879	1,111,696	41,471,884	66,743,303	109,326,883	17
4,928	659	7,366,588	22,536	801,366	13,235,277	28,358,379	42,395,022	18
210,772	11,015	349,773,336	963,548	32,061,942	715,595,982	735,511,841	1,483,169,765	
2,468	243	3,442,012	18,849	428,465	8,552,035	9,167,705	18,148,205	1
10,342	1,051	15,857,496	60,931	1,715,107	59,409,859	39,464,025	100,588,991	2
19,115	7,213	33,707,003	96,551	2,003,990	77,466,516	98,433,120	177,903,626	3
2,650	1,294	4,545,790	4,361	160,743	12,259,325	10,893,521	23,313,589	4
569	163	827,531	720	39,420	1,834,832	3,889,565	5,763,817	5
14,264	—	23,365,291	485,279	26,771,809	232,814,167	119,736,294	379,322,270	6
1,398	545	2,299,228	6,789	273,427	13,795,427	7,239,095	21,307,949	7
50,806	10,509	84,044,351	673,480	31,392,961	406,132,161	288,823,325	726,348,447	
1,705	33	2,688,383	9,813	1,821,337	7,650,413	16,084,580	25,556,330	1
567	73	727,938	4,449	169,358	1,866,795	2,323,064	4,359,217	2
1,148	—	1,670,160	93,236	2,897,383	2,146,825	9,279,164	14,323,372	3
965	10	1,040,493	4,080	198,471	2,511,415	3,360,791	6,070,677	4
2,599	—	2,625,236	23,091	1,561,326	207,247	5,806,763	7,575,336	5
1,132	286	1,658,911	2,745	388,106	1,331,608	3,652,139	5,371,853	6
3,102	—	4,658,924	34,548	4,561,590	23,907,878	22,349,252	50,818,720	7
3,264	803	4,825,441	15,639	1,356,749	7,687,353	12,056,221	21,100,323	8
345	—	398,346	5,066	191,685	1,941,052	2,468,356	4,601,093	9
1,013	—	1,170,876	9,065	2,008,142	188,387	4,161,412	6,357,941	10
1,133	43	1,627,549	10,012	672,132	5,607,150	7,072,905	13,352,187	11
4,326	16	7,502,447	58,031	7,268,690	125,982,237	23,384,568	156,635,495	12
490	30	656,991	5,055	450,291	725,675	2,676,533	3,852,499	13
122	—	132,481	955	39,919	142,942	248,498	431,359	14
681	4	881,704	10,035	137,842	1,244,013	2,501,641	3,883,496	15
22,592	1,298	32,215,880	285,820	23,723,021	183,140,990	117,425,887	324,289,898	

10.—Statistics of the Numbers, Capital, Employees, Salaries and Wages, Power, Fuel,

	Industry and Group	Establishments	Capital Employed	Employees on Salaries		
				Male	Female	Salaries
		No.	\$	No.	No.	\$
8.—Chemicals and Allied Products—						
1	Acids, alkalis and salts.....	32	61,329,966	1,165	225	2,821,901
2	Adhesives.....	22	3,016,349	108	39	271,026
3	Coal tar distillation.....	10	4,407,409	65	16	233,152
4	Fertilizers.....	27	20,110,569	269	72	779,740
5	Gases, compressed.....	35	7,628,438	285	158	827,599
6	Inks, printing and writing.....	33	3,164,648	171	72	705,749
7	Medicinal and pharmaceutical preparations	169	31,223,170	1,406	842	4,384,032
8	Miscellaneous chemical products.....	167	162,561,470	2,862	1,123	5,282,824
9	Paints, pigments and varnishes.....	94	31,911,306	1,360	465	3,887,789
10	Polishes and dressings.....	50	3,715,165	196	89	469,966
11	Soaps, washing compounds, etc.....	116	19,655,049	914	401	2,515,907
12	Toilet preparations.....	88	7,914,670	324	321	1,122,608
13	Wood distillation.....	6	1,791,320	13	3	22,137
Totals, Chemicals and Allied Products..		849	358,429,529	9,138	3,826	23,324,430
9.—Miscellaneous Industries—						
1	Artificial flowers and feathers.....	28	620,676	51	39	120,249
2	Automobile accessories, fabric.....	9	1,425,769	75	26	235,426
3	Brooms, brushes and mops.....	93	6,034,253	284	130	673,856
4	Buttons.....	25	2,312,517	141	45	308,423
5	Candles.....	12	1,025,287	39	20	119,632
6	Fountain pens and pencils.....	10	2,412,340	132	76	387,582
7	Ice, artificial.....	51	4,490,402	86	25	173,438
8	Jewellery cases and silverware cabinets....	4	456,361	21	24	65,412
9	Lamps, electric, and lamp shades.....	25	964,522	80	31	197,307
10	Mattresses and springs.....	75	10,753,095	394	146	1,186,343
11	Miscellaneous, including carpet sweepers....	3	182,614	10	5	25,161
12	Motion pictures.....	5	952,603	58	33	229,977
13	Musical instruments.....	17	3,404,395	97	26	204,898
14	Pipes, tobacco.....	4	52,755	5	-	8,049
15	Regalia and society emblems.....	11	143,304	14	6	24,907
16	Scientific and professional equipment.....	42	28,363,863	916	438	1,640,538
17	Signs, electric, neon and other.....	39	3,391,519	164	36	415,557
18	Sporting goods.....	37	2,595,049	133	54	294,590
19	Stamps and stencils.....	41	1,073,892	96	31	208,314
20	Statuary, art goods and novelties.....	50	820,797	85	37	179,149
21	Store and display accessories.....	6	96,766	14	6	22,500
22	Toys.....	19	807,869	40	26	75,501
23	Typewriter supplies.....	8	1,202,300	61	36	264,410
24	Umbrellas.....	7	407,901	18	14	58,902
Totals, Miscellaneous Industries..		621	73,990,849	3,014	1,310	7,120,521
Grand Totals, All Industries.....		26,293	4,905,503,966	117,251	41,693	286,336,861

The incidence of the War resulted in a rearrangement in the rank of many industries. Industries producing supplies and equipment for the Armed Forces naturally advanced while those industries producing for the domestic consumers' market declined in importance. To supply the raw materials needed by the industries engaged principally in war production, it became necessary to restrict or prohibit the manufacture of many products such as pleasure cars, radios, washing machines, electrical equipment, household appliances, agricultural implements, etc. Though these industries were forced to change over to war-time production, the changes did not affect the value of their output and consequently their importance

Materials, and Values of Products of Canadian Manufacturing Industries, 1941—con.

Employees on Wages			Power Installed	Cost of Fuel and Electricity	Cost of Materials	Value of Products		
Male	Female	Wages				Net	Gross	
No.	No.	\$	h.p.	\$	\$	\$	\$	
5,059	33	8,347,383	135,707	5,701,507	17,108,347	27,299,494	50,109,348	1
425	27	482,465	2,407	164,820	1,858,728	1,652,083	3,675,631	2
286	—	386,977	948	276,628	3,218,530	1,651,285	5,146,443	3
1,399	8	2,086,097	55,627	1,064,818	9,419,584	4,704,243	15,188,645	4
415	2	619,285	8,064	216,549	945,836	5,182,755	6,345,140	5
336	44	498,514	2,057	47,454	2,264,748	2,462,082	4,774,284	9
1,241	1,537	2,537,049	5,221	243,072	13,486,811	21,742,015	35,471,898	7
17,766	6,806	31,040,182	73,174	3,213,010	45,055,413	52,153,800	100,422,223	8
2,156	244	2,956,022	10,230	454,671	21,495,598	18,233,356	40,183,625	9
176	132	289,025	283	25,768	2,740,967	2,581,833	5,348,568	10
1,354	411	2,083,908	7,663	508,558	12,633,351	12,571,656	25,713,565	11
266	657	709,889	980	38,953	3,803,305	6,313,505	10,155,763	12
270	—	273,515	385	215,464	893,729	756,243	1,865,436	13
31,149	9,901	52,310,311	302,746	12,171,272	134,924,947	157,304,350	304,400,569	
137	477	356,615	29	5,340	435,387	636,832	1,077,559	1
241	165	504,744	863	21,867	1,233,304	1,220,184	2,475,355	2
1,072	459	1,325,689	1,914	68,238	3,603,361	3,972,149	7,643,748	3
570	388	756,382	1,297	46,881	1,274,223	1,877,811	3,198,915	4
69	46	79,046	63	11,129	390,885	506,314	908,328	5
209	269	390,200	522	24,382	1,231,840	1,857,674	3,113,896	6
497	18	570,110	11,253	228,160	99,404	1,907,560	2,235,124	7
134	152	224,109	200	8,196	423,162	538,658	970,016	8
211	218	338,183	515	12,666	755,948	772,070	1,540,684	9
2,428	447	3,021,927	5,555	179,358	10,457,538	6,894,783	17,531,679	10
25	18	36,782	53	4,282	126,326	110,249	240,857	11
70	17	125,779	75	9,269	768,444	649,419	1,427,132	12
541	32	576,093	1,621	50,624	637,750	1,001,132	1,689,506	13
35	13	32,455	30	1,684	22,185	53,606	77,475	14
20	22	30,400	23	823	60,566	103,132	164,521	15
1,869	630	3,577,637	7,010	198,066	8,791,848	7,256,603	16,246,517	16
445	11	610,585	360	90,287	558,320	2,602,609	3,251,216	17
469	161	541,795	1,610	38,251	1,134,430	1,180,190	2,352,871	18
219	18	274,775	220	13,114	204,790	826,660	1,044,564	19
196	244	311,579	137	12,879	525,434	688,704	1,227,017	20
47	16	47,193	114	2,930	54,139	112,174	169,243	21
222	259	327,821	272	15,858	706,570	743,342	1,465,770	22
128	60	210,576	374	10,711	899,037	847,845	1,757,593	23
27	96	89,660	17	750	423,384	292,177	716,311	24
9,881	4,236	14,360,135	34,127	1,055,745	34,818,275	36,651,877	72,525,897	
626,825	175,409	978,525,782	5,850,076	174,641,317	3,296,547,019	2,605,119,788	6,076,308,124	

as producers of manufactured goods did not alter drastically. To analyse the effects of the War on any industry, it is necessary to compare the nature of the products made before the War with that of the present. This should be borne in mind in making industrial comparisons with pre-war years. For example, the number of employees engaged in the agricultural implements industry increased by 1,947 in 1941; this in spite of the fact that the output of agricultural implements remained at about the same level. The increase was due to a change-over of some of the plants to war production. It is therefore impossible to trace industrial trends from the principal statistics alone, as published in this report.

Subsection 2.—Manufactures Classified by the Purpose of the Products

Significant changes have occurred since 1922 in the importance of the various groups shown in the purpose classification. Indicative of the increasing industrialization of the Dominion is the increase in the industrial equipment group and the increase in producers materials during the period. Another significant change is the decline in the food group. Whereas in 1922 food products comprised the leading group, in 1941 the production of producers materials took the lead by a wide margin. It should also be noted, however, that the cost of materials in this group is particularly high.

11.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups, Representative Years 1922-1940, and in Detail for 1941

Year and Purpose Heading	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1922						
Food.....	8,256	343,867,673	66,815	67,738,707	490,731,438	673,794,031
Drink and tobacco.....	496	104,047,461	13,402	13,777,986	33,027,203	99,529,819
Clothing.....	659	166,336,319	63,441	59,056,687	117,015,780	221,903,467
Personal utilities.....	936	56,060,262	16,904	17,080,499	21,879,031	57,258,476
House furnishings.....	600	75,168,053	18,032	19,861,883	24,956,960	62,961,050
Books and stationery.....	1,557	82,240,691	28,103	36,920,804	27,190,071	99,118,969
Vehicles and vessels.....	1,154	191,257,804	30,067	37,237,412	87,840,814	160,624,079
Producers materials.....	5,588	1,086,692,015	143,354	147,581,011	316,400,400	666,241,271
Industrial equipment.....	1,740	556,862,578	75,769	89,081,303	160,035,399	338,882,958
Miscellaneous.....	30	4,960,434	869	1,061,388	2,964,354	4,916,418
Totals, 1922.....	21,016	2,667,493,290	456,256	489,397,230	1,282,041,450¹	2,385,230,538¹
1929						
Food.....	8,351	463,984,558	94,707	87,960,036	597,396,238	837,986,384
Drink and tobacco.....	599	201,365,785	18,976	21,670,376	65,440,053	208,968,998
Clothing.....	1,680	223,376,104	93,935	88,914,849	172,726,557	336,452,685
Personal utilities.....	380	56,155,234	11,148	13,595,331	29,389,246	61,191,750
House furnishings.....	600	76,185,921	20,857	23,248,775	34,293,465	77,811,331
Books and stationery.....	1,917	144,222,275	38,141	56,003,183	45,384,362	155,947,960
Vehicles and vessels.....	781	310,942,038	61,835	91,239,185	243,258,350	407,947,648
Producers materials.....	6,227	1,776,758,115	223,071	258,255,079	524,193,104	1,154,908,260
Industrial equipment.....	1,576	719,112,914	99,922	131,820,142	304,581,449	614,827,756
Miscellaneous.....	105	32,789,065	3,939	4,584,261	13,007,989	27,403,344
Totals, 1929.....	22,216	4,004,892,009	666,531	777,291,217	2,029,670,813	3,883,446,116
1933						
Food.....	8,759	408,995,499	75,434	68,652,798	313,760,942	492,729,174
Drink and tobacco.....	670	185,612,678	18,289	17,626,141	40,454,300	98,400,638
Clothing.....	1,922	143,382,092	75,363	56,001,234	103,209,050	194,627,734
Personal utilities.....	601	39,681,900	8,938	8,616,372	15,323,848	35,889,961
House furnishings.....	654	66,047,002	15,887	12,887,200	16,022,584	38,684,649
Books and stationery.....	2,170	132,507,101	34,300	42,830,661	28,818,380	103,477,707
Vehicles and vessels.....	479	232,153,543	37,618	35,725,625	56,917,292	120,992,781
Producers materials.....	6,564	1,459,569,284	139,734	126,208,238	252,383,314	573,991,467
Industrial equipment.....	1,819	588,147,285	60,061	64,155,426	133,382,392	277,075,032
Miscellaneous.....	142	23,163,454	3,334	3,544,129	7,516,826	18,497,642
Totals, 1933.....	23,780	3,279,259,838	468,658	436,247,824	967,788,928	1,954,075,785

¹ For the year 1922 the figures for "Cost of Materials" and "Gross Value of Products" include the value placed on intermediate products used in further processes in the chemical group of industries. For this reason these figures differ slightly from those contained in the other tables of this report.

11.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups, Significant Years 1922-40, and in Detail for 1941—con.

Year and Purpose Heading	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1937						
Food.....	8,696	441,611,585	96,740	94,656,930	558,118,480	792,271,852
Drink and tobacco.....	668	187,487,631	21,646	24,398,981	68,935,396	152,152,105
Clothing.....	2,158	173,474,299	95,274	79,547,935	148,901,374	271,690,917
Personal utilities.....	634	43,476,516	12,420	12,729,626	28,185,411	55,289,473
House furnishings.....	800	89,293,123	27,446	27,169,931	41,836,387	90,102,397
Books and stationery.....	2,349	137,392,420	40,348	53,453,842	44,257,314	138,673,644
Vehicles and vessels.....	376	248,949,257	55,141	71,890,706	186,070,917	319,280,534
Producers materials.....	6,892	1,482,194,043	208,930	232,733,013	634,232,482	1,221,670,588
Industrial equipment.....	2,086	629,908,231	97,250	119,070,287	280,546,886	551,891,976
Miscellaneous.....	175	31,440,726	5,256	6,075,786	15,842,137	32,436,014
Totals, 1937.....	24,834	3,465,227,831	660,451	721,727,037	2,006,926,787	3,625,459,500
1939						
Food.....	8,529	451,298,489	99,983	101,904,518	526,619,353	784,072,722
Drink and tobacco.....	657	190,313,279	23,489	27,051,038	74,295,571	164,812,439
Clothing.....	2,178	187,495,826	97,220	83,762,588	146,201,614	275,567,762
Personal utilities.....	623	46,866,657	12,623	13,771,704	26,408,179	57,043,684
House furnishings.....	767	93,773,837	27,647	28,417,336	40,528,594	88,800,804
Books and stationery.....	2,452	143,293,147	41,804	56,466,921	47,916,777	144,288,052
Vehicles and vessels.....	364	269,734,181	54,673	72,238,590	141,704,266	266,089,493
Producers materials.....	7,095	1,580,602,852	201,849	229,381,185	559,816,486	1,130,510,177
Industrial equipment.....	1,957	650,305,878	93,235	117,754,260	257,416,596	528,678,421
Miscellaneous.....	183	33,340,303	5,591	7,063,013	15,252,136	34,919,974
Totals, 1939.....	24,805	3,647,024,449	658,114	737,811,153	1,836,159,375	3,474,783,528
1940						
Food.....	8,395	486,697,256	105,684	110,646,980	630,874,094	902,729,581
Drink and tobacco.....	674	207,119,712	24,584	29,255,112	86,023,396	177,434,821
Clothing.....	2,157	199,001,761	105,495	96,188,160	191,503,394	341,716,366
Personal utilities.....	627	52,195,231	14,242	15,924,870	30,681,129	65,007,582
House furnishings.....	775	107,533,242	30,319	33,884,337	56,845,708	118,174,369
Books and stationery.....	2,463	146,320,768	42,433	58,969,949	53,032,630	156,160,315
Vehicles and vessels.....	356	328,764,370	74,148	111,622,938	247,113,689	444,289,528
Producers materials.....	7,898	1,768,206,231	239,661	295,518,801	758,996,804	1,537,413,098
Industrial equipment.....	1,984	741,060,107	116,843	158,275,589	370,185,647	736,022,066
Miscellaneous.....	184	53,818,158	8,835	10,586,129	24,435,412	50,275,590
Totals, 1940.....	25,513	4,095,716,836	762,244	920,872,865	2,449,721,903	4,529,173,316
1941						
Food.....	8,420	549,342,529	115,206	127,744,973	816,983,921	1,134,805,943
Drink and tobacco.....	688	221,539,178	26,472	33,036,981	96,986,623	201,126,763
Clothing.....	2,301	230,532,584	117,898	116,131,601	235,698,630	415,471,018
Personal utilities.....	651	61,170,967	17,675	20,510,038	42,064,391	85,627,622
House furnishings.....	877	120,765,916	35,583	42,614,722	71,511,798	150,988,355
Books and stationery.....	2,515	154,150,551	45,500	65,523,631	66,324,919	182,686,318
Vehicles and vessels.....	370	436,853,387	117,492	188,325,103	388,382,775	714,510,718
Producers materials.....	7,984	2,076,914,285	295,725	399,181,962	999,572,243	2,002,417,597
Industrial equipment.....	2,324	877,609,129	158,669	232,294,504	520,044,553	1,066,702,761
Miscellaneous.....	213	176,725,440	30,958	39,499,128	58,977,166	121,971,029
Totals, 1941.....	26,293	4,905,503,966	961,178	1,264,862,643	3,296,547,019	6,076,308,124
1941—DETAIL						
Food.....	8,420	549,342,529	115,206	127,744,973	816,983,921	1,134,805,943
Breadstuffs.....	4,440	179,936,147	47,674	50,970,171	208,787,905	332,703,248
Fish.....	463	27,534,878	6,826	5,596,785	30,112,828	48,176,091
Fruit and vegetable prepara- tions.....	377	55,236,970	11,943	10,165,116	45,421,597	75,598,310
Meats.....	214	95,110,309	16,696	23,728,256	255,965,342	299,428,731
Milk products.....	2,533	83,004,016	21,135	22,440,431	159,548,764	213,170,899
Oils and fats.....	7	384,875	104	136,238	262,463	584,003
Sugar.....	11	43,915,168	2,642	3,834,639	46,067,190	62,402,709
Miscellaneous ¹	375	64,220,166	8,186	10,873,337	70,817,832	102,741,952

¹ Includes "infusions."

11.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups, Significant Years 1922-40, and in Detail for 1941—concluded

Year and Purpose Heading	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
1941—DETAIL—concluded	No.	\$	No.	\$	\$	\$
Drink and Tobacco	688	221,539,178	26,472	33,036,981	96,986,623	201,126,763
Beverages, alcoholic.....	76	105,266,692	8,026	13,532,576	42,834,471	86,237,832
Beverages, non-alcoholic.....	512	35,562,853	7,072	8,765,468	16,936,389	46,646,142
Tobacco.....	100	80,709,633	11,374	10,738,937	37,215,763	68,242,789
Clothing	2,301	230,532,584	117,898	116,131,601	235,698,630	415,471,018
Boots and shoes, leather.....	210	34,243,680	18,841	17,687,326	32,201,024	57,053,251
Fur goods.....	420	19,535,502	5,502	7,032,772	18,336,407	28,937,615
Garments and personal fur- nishings.....	1,211	101,147,910	58,934	59,066,790	129,046,468	219,900,367
Gloves and mittens.....	71	4,121,090	2,894	2,494,971	4,238,607	7,823,854
Hats and caps.....	196	10,916,437	6,348	6,488,340	10,035,570	20,132,764
Knitted goods.....	181	58,666,872	24,362	22,423,739	39,128,357	77,122,209
Waterproofs.....	12	1,901,093	1,017	937,663	2,712,197	4,500,958
Personal Utilities	651	61,170,967	17,675	20,510,038	42,064,391	85,627,622
Jewellery and time-pieces.....	126	14,709,713	5,091	6,517,122	12,682,487	24,283,605
Recreational supplies.....	73	6,807,313	2,060	2,020,698	2,478,750	5,508,147
Personal utilities.....	452	39,653,941	10,524	11,972,218	26,903,154	55,835,870
House Furnishings	827	120,765,916	35,583	42,614,722	71,511,798	150,988,355
Books and Stationery	2,515	154,150,551	45,500	65,523,631	66,324,919	182,686,318
Vehicles and Vessels	370	436,853,387	117,492	188,325,103	388,382,775	714,510,718
Producers Materials	7,984	2,076,914,285	295,725	399,181,962	999,372,243	2,002,417,597
Farm materials.....	27	20,110,569	1,748	2,865,837	9,419,584	15,188,645
Manufacturers materials.....	1,167	1,628,130,179	184,698	273,439,289	754,228,055	1,496,960,868
Building materials.....	6,163	340,465,403	86,089	96,655,575	174,994,880	375,571,001
General materials.....	627	88,208,134	23,190	26,221,261	60,929,724	114,697,083
Industrial Equipment	2,324	877,509,129	158,669	232,294,504	520,041,553	1,066,702,761
Farming Equipment.....	43	59,391,792	8,848	12,218,275	14,491,882	34,653,628
Manufacturing equipment.....	263	112,346,573	24,146	38,367,933	45,227,349	125,837,344
Trading equipment.....	145	10,254,879	2,014	2,797,458	1,815,690	8,457,740
Service equipment.....	323	65,730,892	10,671	14,129,269	24,942,018	57,511,970
Light, heat and power equip- ment.....	354	329,848,827	47,504	71,807,314	238,715,687	410,436,842
General equipment.....	1,196	299,936,166	65,396	92,974,255	194,851,927	429,805,237
Miscellaneous	213	176,725,440	30,958	39,499,128	58,977,166	121,971,029

Subsection 3.—Manufactures Classified by Origin of the Materials

The distinction made between farm materials of Canadian and foreign origin is based on whether the materials are indigenous to Canada rather than on their actual source. Thus, the industries included in the foreign origin classes are those depending upon materials that cannot be grown in Canada, such as tea, coffee, spices, cane sugar, rice, rubber, cotton, etc. Industries included in the Canadian origin classes may be using large quantities of imported materials, however.

The mineral origin group includes, in addition to the non-ferrous metals, so largely produced in Canada, the manufactures of iron and steel, of petroleum, and of other mineral substances, the raw materials for which are very largely imported. Products of mineral origin, with the exception of fuels, are nearly all durable goods. A high standard of living and advanced industrial organization is usually indicated by a relatively large production and consumption of mineral products. During periods of depression when the production of capital goods is curtailed, employment in the industries of the farm group, which produce mainly consumers goods, exceeds that of the mineral group. In 1941 the industries of the mineral group had by far

the greatest capital investment, employed the largest number of persons and paid out the highest amount in salaries and wages, the average capital per employee was \$5,766 and average salaries and wages \$1,551. For the industries of the farm origin group the respective averages were \$4,302 and \$1,103.

12.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Material Used, by Main Groups, Significant Years 1924-41

Year and Origin	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1924						
Farm origin.....	8,663	772,791,471	152,488	153,213,763	716,047,892	1,099,279,665
Mineral origin.....	2,806	1,010,517,944	136,837	171,068,497	349,800,585	700,002,097
Forest origin.....	6,873	876,149,932	126,907	147,719,245	245,183,429	544,282,597
Marine origin.....	836	20,304,785	11,157	3,344,348	16,089,332	26,637,962
Wild life origin.....	226	10,837,249	2,944	3,194,213	7,506,169	13,386,266
Mixed origin.....	1,305	204,716,127	57,277	55,927,609	101,563,384	200,718,177
Grand Totals, 1924.....	20,709	2,895,317,508	487,610	534,467,675	1,436,190,791¹	2,584,306,764¹
Farm Origin Group—						
From field crops.....	4,595	525,717,571	89,436	87,789,237	433,443,376	691,513,259
From animal husbandry.....	4,068	247,073,900	63,052	65,424,526	282,604,516	407,766,406
Totals Farm Origin.....	8,663	772,791,471	152,488	153,213,763	716,047,892	1,099,279,665
Canadian origin.....	8,379	546,231,949	114,514	119,217,657	553,357,883	848,236,237
Foreign origin.....	284	226,559,522	37,974	33,996,106	162,690,009	251,043,428
1929						
Farm origin.....	9,041	969,384,866	181,682	188,306,755	852,606,083	1,396,769,569
Mineral origin.....	3,219	1,550,662,908	218,879	304,027,803	678,683,203	1,392,499,868
Forest origin.....	7,353	1,148,558,242	163,863	191,044,307	313,088,964	722,269,066
Marine origin.....	730	28,644,442	16,367	5,411,855	21,496,859	34,966,260
Wild life origin.....	234	14,338,686	3,767	4,783,323	12,847,817	20,861,039
Mixed origin.....	1,639	293,302,865	81,973	83,717,174	150,947,887	316,080,314
Grand Totals, 1929.....	22,216	4,004,892,009	666,531	777,291,217	2,029,670,813	3,883,446,116
Farm Origin Group—						
From field crops.....	5,191	697,206,163	114,236	115,201,292	496,842,580	889,075,246
From animal husbandry.....	3,850	272,178,703	67,446	73,105,463	355,763,503	507,694,323
Totals, Farm Origin.....	9,041	969,384,866	181,682	188,306,755	852,606,083	1,396,769,569
Canadian origin.....	8,743	708,461,549	134,680	140,340,993	682,056,026	1,106,006,184
Foreign origin.....	298	260,923,317	47,002	47,965,762	170,550,057	290,763,385
1933						
Farm origin.....	9,695	844,582,058	158,602	137,711,749	454,882,704	791,956,470
Mineral origin.....	3,539	1,306,641,651	130,565	138,101,092	271,434,337	601,428,003
Forest origin.....	7,796	882,445,602	102,807	99,046,012	133,550,374	335,886,257
Marine origin.....	620	15,532,775	4,064	2,287,385	10,960,289	17,380,323
Wild life origin.....	335	10,507,157	3,498	3,481,885	7,159,079	13,000,927
Mixed origin.....	1,795	219,550,595	69,122	55,619,701	89,802,145	194,423,805
Grand Totals, 1933.....	23,780	3,279,259,838	468,658	436,247,824	967,788,928	1,954,075,785
Farm Origin Group—						
From field crops.....	5,746	609,044,529	93,433	81,655,182	263,007,043	494,048,930
From animal husbandry.....	3,949	235,537,529	65,169	56,056,567	191,875,661	297,907,540
Totals, Farm Origin.....	9,695	844,582,058	158,602	137,711,749	454,882,704	791,956,470
Canadian origin.....	9,373	629,450,643	124,547	107,807,386	365,559,776	620,197,449
Foreign origin.....	322	215,131,415	34,055	29,904,363	89,322,928	171,759,021

¹ For the year 1924 the figures for "Cost of Materials" and "Gross Value of Products" include the value placed on intermediate products used in further processes in the chemical group of industries. For this reason these figures differ slightly from those contained in the other tables of this report.

12.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Material Used, by Main Groups, Significant Years 1924-41—continued

Year and Origin	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1937						
Farm origin.....	10,139	901,539,200	203,908	197,861,819	809,964,706	1,276,249,283
Mineral origin.....	3,384	1,401,562,788	216,959	280,323,383	784,742,328	1,451,202,762
Forest origin.....	8,392	916,530,488	144,597	161,030,221	254,863,829	589,517,795
Marine origin.....	597	18,130,385	5,427	3,354,771	16,318,781	26,088,625
Wild life origin.....	365	13,328,164	4,264	4,452,918	10,761,233	17,658,867
Mixed origin.....	1,957	214,136,806	85,296	74,703,925	130,275,910	264,742,168
Grand Totals, 1937.....	24,834	3,465,227,831	660,451	721,727,037	2,006,926,787	3,625,459,500
Farm Origin Group—						
From field crops.....	6,197	635,995,955	118,765	115,999,546	456,791,911	774,683,154
From animal husbandry.....	3,942	265,543,245	85,143	81,862,273	353,172,795	501,566,129
Totals, Farm Origin.....	10,139	901,539,200	203,908	197,861,819	809,964,706	1,276,249,283
Canadian origin.....	9,326	673,003,567	158,075	152,070,575	659,488,389	1,008,885,353
Foreign origin.....	813	228,535,633	45,833	45,791,244	150,476,317	267,363,930
1939						
Farm origin.....	10,203	952,929,892	220,210	217,724,965	778,250,125	1,289,993,021
Mineral origin.....	3,474	1,498,265,618	210,752	280,054,303	669,728,573	1,321,444,094
Forest origin.....	8,430	951,016,933	142,091	160,798,500	244,944,997	572,335,960
Marine origin.....	523	21,479,200	5,369	3,638,794	18,114,698	28,816,536
Wild life origin.....	384	14,723,743	4,604	5,396,623	11,592,066	19,961,526
Mixed origin.....	1,791	208,609,063	75,088	70,197,968	113,528,916	242,232,391
Grand Totals, 1939.....	24,805	3,647,024,449	658,114	737,811,153	1,836,159,375	3,474,783,528
Farm Origin Group—						
From field crops.....	6,096	649,746,486	124,708	126,311,033	410,994,461	759,964,866
From animal husbandry.....	4,107	303,183,406	95,502	91,413,932	367,255,664	530,028,155
Totals, Farm Origin.....	10,203	952,929,892	220,210	217,724,965	778,250,125	1,289,993,021
Canadian origin.....	9,382	699,345,423	171,460	168,260,771	630,779,223	1,011,294,132
Foreign origin.....	821	253,584,469	48,750	49,464,194	147,470,902	278,698,889
1940						
Farm origin.....	10,171	1,045,583,598	242,226	249,885,378	981,519,128	1,560,139,653
Mineral origin.....	3,527	1,772,224,199	270,986	391,872,697	975,304,671	1,877,479,009
Forest origin.....	9,168	1,013,080,228	158,125	188,983,799	314,470,518	742,224,457
Marine origin.....	458	23,257,676	5,828	4,528,560	21,461,851	35,110,441
Wild life origin.....	395	16,617,392	5,138	6,206,964	15,476,680	25,250,565
Mixed origin.....	1,794	224,953,743	79,941	79,395,467	141,489,055	288,969,191
Grand Totals, 1940.....	25,513	4,095,716,836	762,244	920,872,865	2,449,721,903	4,529,173,316
Farm Origin Group—						
From field crops.....	6,129	715,990,641	136,345	143,707,357	515,589,945	894,303,702
From animal husbandry.....	4,042	329,592,957	105,881	106,178,021	465,929,183	665,835,951
Totals, Farm Origin.....	10,171	1,045,583,598	242,226	249,885,378	981,519,128	1,560,139,653
Canadian origin.....	9,388	780,842,396	187,661	191,470,150	804,525,794	1,230,550,021
Foreign origin.....	783	264,741,202	54,565	58,415,228	176,993,334	329,589,632

Table 12.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Materials Used by Main Groups, Significant Years 1924-41—concluded

Year and Origin	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
1941	No.	\$	No.	\$	\$	\$
Farm origin.....	10,210	1,151,045,349	267,547	295,050,079	1,247,465,642	1,926,293,645
Mineral origin.....	3,916	2,372,940,631	411,508	638,248,442	1,434,426,669	2,823,665,763
Forest origin.....	9,310	1,077,236,343	177,024	222,529,714	385,200,200	883,446,906
Marine origin.....	463	27,534,878	6,826	5,596,785	30,112,828	48,176,091
Wild life origin.....	420	19,535,502	5,502	7,032,772	18,336,407	28,937,615
Mixed origin.....	1,974	257,211,263	92,771	96,404,851	181,005,273	365,738,104
Grand Totals, 1941....	26,293	4,905,503,966	961,178	1,264,862,643	3,296,547,019	6,076,308,121
Farm Origin Group—						
From field crops.....	6,234	774,642,723	151,090	169,123,298	642,319,060	1,094,375,949
From animal husbandry....	3,976	376,402,616	116,457	125,926,781	605,146,582	831,917,696
Totals, Farm Origin.....	10,210	1,151,045,349	267,547	295,050,079	1,247,465,642	1,926,293,645
Canadian origin.....	9,395	869,024,235	204,596	223,100,775	1,017,219,181	1,508,170,317
Foreign origin.....	815	282,021,114	62,951	71,949,304	230,246,461	418,123,328

Subsection 4.—Leading Manufacturing Industries

In the following statement, the rank of the ten leading industries in 1941, from the standpoint of gross value of production, is compared with their respective ranks in significant years since 1922.

THE TEN LEADING INDUSTRIES, 1941 COMPARED AS TO RANK, SIGNIFICANT YEARS 1922-41

Industry	Rank in							
	1941	1940	1939	1937	1933	1929	1926	1922
Non-ferrous metal smelting and refining.....	1	1	1	1	2	9	9	-
Pulp and paper.....	2	2	2	2	1	1	1	2
Slaughtering and meat packing.....	3	3	3	3	3	2	3	3
Automobiles.....	4	4	5	4	11	4	5	6
Butter and cheese.....	5	5	4	6	5	6	6	5
Electrical apparatus and supplies.....	6	7	9	8	16	8	13	17
Primary iron and steel.....	7	10	11	12	31	16	25	20
Sawmills.....	8	6	8	7	14	5	4	4
Petroleum products.....	9	9	6	9	6	10	11	9
Flour and feed mills.....	10	8	7	5	4	3	2	1

A prominent feature of Canadian manufacturing development in recent years has been the rapid growth of non-ferrous metal smelting. This industry, based upon the rich base metal resources of the country, has now taken its place among the leading manufactures along with the industries based upon forest, agricultural and live-stock resources. The incidence of the depression resulted in a re-arrangement in the ranking of many industries; in some cases this has proved to be temporary. Under the impetus of war production, the industries engaged in producing the equipment needed by the Armed Forces, such as electrical apparatus, automobiles, sawmills, and primary iron and steel, advanced to higher positions.

13.—Principal Statistics of the Forty Leading Industries of Canada, Ranked According to Gross Value of Products, 1940

Industry	Estab- lish- ments No.	Capital \$	Em- ployees No.	Salaries and Wages \$	Cost of Materials \$	Value of Products	
						Net \$	Gross \$
1 Non-ferrous metal smelting and refining.....	14	234,826,742	13,466	21,766,197	187,790,596	98,059,288	305,360,547
2 Pulp and paper.....	103	642,979,942	34,719	56,073,812	108,758,862	158,230,575	298,034,843
3 Slaughtering and meatpacking.....	146	73,779,777	14,301	19,441,361	191,484,016	35,321,327	228,500,487
4 Automobiles.....	10	78,816,499	16,798	31,110,945	128,833,690	59,811,659	189,807,555
5 Butter and cheese.....	2,484	64,327,705	18,039	17,610,586	96,893,205	35,907,031	135,365,356
6 Sawmills.....	4,675	91,602,899	39,501	34,021,825	70,948,598	61,700,043	134,762,893
7 Electrical apparatus and supplies.....	194	118,825,205	25,120	33,246,655	58,371,201	70,009,081	130,001,457
8 Flour and feed mills.....	1,027	52,170,492	6,215	7,101,367	96,294,284	24,814,700	122,494,759
9 Petroleum products.....	49	76,581,743	5,156	8,808,537	94,860,521	21,600,784	122,212,800
10 Primary iron and steel.....	54	133,844,814	17,774	29,207,036	54,045,692	50,969,926	114,598,409
11 Cotton yarn and cloth.....	37	87,578,818	23,616	23,110,839	53,958,165	46,320,684	103,389,868
12 Clothing, men's factory.....	378	48,843,572	26,866	25,223,961	60,087,644	40,228,396	100,669,263
13 Railway rolling-stock.....	35	94,375,351	21,483	32,349,509	52,289,540	40,700,278	95,341,712
14 Machinery.....	235	92,896,451	18,145	26,016,051	30,675,072	52,372,458	84,260,652
15 Rubber goods, (including footwear).....	52	70,588,546	14,297	16,834,914	38,228,145	43,403,938	83,020,721
16 Bread and other bakery products.....	3,089	53,095,568	23,943	23,509,613	38,560,378	41,052,025	82,539,730
17 Hosiery and knitted goods.....	172	56,768,555	23,225	20,695,578	35,756,140	32,754,554	69,427,328
18 Clothing, women's factory.....	604	29,456,346	20,549	18,891,844	40,206,626	28,140,669	68,587,845
19 Printing and publishing.....	802	55,655,340	18,062	26,582,309	14,321,069	49,348,480	64,501,471
20 Automobile supplies.....	100	40,710,655	10,441	14,981,791	35,690,690	28,118,366	64,878,624
21 Sheet metal products.....	168	68,038,783	10,367	12,921,828	38,041,652	25,427,156	64,277,445
22 Biscuits, confectionery, chocolate, etc.....	204	40,170,966	12,737	12,622,627	27,921,859	29,919,898	58,718,262
23 Sugar refineries.....	11	42,966,073	2,538	3,623,661	42,150,263	13,798,380	57,274,122
24 Brass and copper products.....	132	32,930,544	7,354	10,371,575	35,196,919	21,136,976	57,238,558
25 Foods, miscellaneous including coffee, tea and spices.....	234	34,885,794	4,709	5,828,580	39,244,840	16,176,640	55,774,172
26 Fruit and vegetable preparations.....	367	49,753,245	10,474	7,943,982	33,478,162	20,866,862	55,179,652
27 Breweries.....	61	64,954,017	5,520	9,004,800	24,876,456	24,783,421	50,611,918
28 Castings, iron.....	197	49,831,652	12,026	15,932,897	20,324,185	27,364,603	49,265,398
29 Tobacco, cigars and cigarettes.....	82	66,014,427	8,591	8,073,773	24,204,225	24,716,023	49,126,079
30 Coke and gas products.....	31	96,748,283	4,095	6,376,465	21,037,329	21,667,397	46,673,660
31 Boots and shoes, leather.....	217	29,517,070	17,149	13,958,753	24,613,366	20,839,026	45,767,912
32 Shipbuilding and repairs.....	47	48,565,107	9,707	15,753,467	18,633,954	25,481,735	44,690,937
33 Woolen cloth.....	66	27,587,011	7,798	8,182,838	24,313,179	16,768,251	41,851,298
34 Printing and book-binding.....	1,308	44,311,208	13,819	16,896,910	15,275,727	24,936,284	40,744,525
35 Miscellaneous chemical products.....	140	48,699,883	7,111	8,496,297	16,415,637	20,187,704	37,450,041
36 Planing mills, sash and door factories.....	741	34,262,704	9,841	9,806,784	19,265,400	16,139,306	36,021,215
37 Boxes and bags, paper.....	153	24,706,224	7,034	7,713,004	20,874,823	14,733,251	35,949,847
38 Hardware and tools.....	176	36,364,470	8,665	10,711,557	11,090,315	23,484,397	35,232,992
39 Fish curing and packing.....	453	23,257,676	5,828	4,528,560	21,461,851	13,163,500	35,110,441
40 Aerated and mineral waters.....	462	21,940,481	5,434	6,429,224	11,287,508	22,080,824	34,097,664
Totals, Forty Leading Industries.....	19,515	3,083,230,638	562,513	681,762,312	1,977,761,784	1,442,535,896	3,528,742,458
Totals, All Industries.....	25,513	4,095,716,836	762,244	920,872,865	2,449,721,903	1,942,471,238	4,529,173,316
Percentages of leading industries to all industries.....	76.5	75.3	73.8	74.0	80.7	74.3	77.9
Primary textiles ¹	466	252,999,957	72,621	70,420,742	152,329,438	135,346,604	294,697,944

¹ On a broader classification basis, the primary textile industry, which includes the production of cottons, woolsens, silk, hosiery and knitted goods, and the dyeing and finishing of textiles, ranks first in number of employees and salaries and wages and third in gross value of production.

14.—Principal Statistics of the Forty Leading Industries of Canada, Ranked According to Gross Value of Products, 1911

	Industry	Estab- lish- ments No.	Capital \$	Em- ployees No.	Salaries and Wages \$	Cost of Materials \$	Value of Products	
							Net \$	Gross \$
1	Non-ferrous metal smelting and refining.....	14	309,963,342	16,014	27,482,689	232,814,167	119,736,294	379,322,270
2	Pulp and paper.....	106	678,937,841	37,154	63,677,818	125,437,012	174,554,741	334,428,875
3	Slaughtering and meat packing.....	146	93,740,090	16,260	23,254,484	253,579,825	40,640,082	296,240,415
4	Automobiles.....	10	100,507,806	22,401	44,783,064	201,124,930	77,321,172	279,958,339
5	Butter and cheese.....	2,427	68,466,579	18,922	19,790,679	135,610,642	41,547,206	180,223,633
6	Electrical apparatus and supplies.....	211	128,317,208	33,086	47,210,886	77,466,516	98,433,120	177,903,626
7	Primary iron and steel.....	60	168,750,344	23,735	45,037,095	78,824,366	71,853,642	164,566,392
8	Sawmills.....	4,655	100,982,006	45,104	41,465,433	84,435,483	76,660,254	163,412,292
9	Petroleum products.....	49	82,475,508	5,406	10,326,846	125,982,237	23,384,568	156,635,495
10	Flour and feed mills.....	1,129	59,941,631	6,528	7,898,329	115,939,001	26,615,294	144,171,637
11	Cotton yarn and cloth.....	39	93,362,427	26,375	27,178,142	69,284,679	56,138,488	128,421,012
12	Automobile supplies.....	102	61,183,370	16,138	25,764,272	73,307,685	49,545,058	124,386,867
13	Machinery.....	247	110,809,396	23,376	37,676,055	44,617,850	78,128,639	124,159,341
14	Rubber goods (including footwear).....	56	71,985,540	17,191	22,792,376	59,340,321	58,088,738	119,137,776
15	Railway rolling-stock.....	34	113,881,540	28,126	46,126,832	63,310,071	51,492,529	118,080,141
16	Clothing, men's factory.....	381	56,927,392	29,461	29,964,768	70,315,334	45,792,745	116,508,885
17	Shipbuilding and repairs.....	65	86,873,540	21,240	32,341,826	41,471,884	66,743,303	109,326,883
18	Brass and copper products.....	143	57,892,897	13,190	19,560,353	59,409,859	39,464,025	100,538,991
19	Miscellaneous chemical products.....	167	162,561,470	28,557	36,323,006	45,055,413	52,153,800	100,422,223
20	Sheet metal products.....	171	74,787,774	13,750	18,513,912	55,176,062	39,230,070	95,379,236
21	Clothing, women's, factory.....	671	38,646,342	24,545	24,663,722	55,574,273	38,078,934	93,941,949
22	Bread and other bakery products.....	3,034	53,473,380	24,969	25,919,986	44,172,928	44,550,528	92,116,307
23	Aircraft and parts.....	24	56,890,281	26,661	39,942,017	19,937,484	60,780,625	81,367,910
24	Castings, iron.....	203	59,576,792	15,870	24,411,153	31,807,953	43,555,188	77,638,652
25	Hosiery and knitted goods.....	181	58,666,872	24,362	22,423,739	39,128,357	36,977,169	77,122,209
26	Fruit and vegetable preparations.....	377	55,236,970	11,943	10,165,116	45,421,597	29,122,353	75,598,310
27	Biscuits, confectionery, cocoa and chocolate.....	204	45,453,147	14,423	14,811,636	37,132,251	36,326,112	74,514,061
28	Miscellaneous food products.....	240	41,268,980	5,126	6,635,062	48,864,582	20,170,255	69,452,785
29	Printing and publishing.....	808	55,945,648	18,543	27,840,741	15,561,811	51,568,864	68,012,018
30	Breweries.....	61	68,360,886	5,932	10,512,805	34,343,935	27,835,011	63,285,393
31	Sugar refining.....	11	43,915,168	2,642	3,834,639	46,067,190	14,847,671	62,402,709
32	Bridge and structural steel.....	22	31,508,621	7,162	12,566,538	20,861,731	36,916,867	58,355,506
33	Hardware and tools.....	197	49,255,871	11,902	16,948,576	17,176,637	41,494,144	59,552,315
34	Boots and shoes, leather.....	210	34,243,680	18,841	17,687,326	32,201,024	24,495,456	57,053,251
35	Tobacco, cigars and cigarettes.....	82	66,698,907	9,204	8,999,114	25,597,808	27,900,648	53,722,050
36	Miscellaneous iron and steel products.....	148	76,832,162	13,860	21,536,988	16,581,695	33,650,542	51,590,946
37	Coke and gas products.....	31	97,894,349	4,290	6,532,103	23,907,878	22,349,252	50,818,720
38	Acids, alkalis and salts.....	32	61,329,966	6,482	11,169,284	17,108,347	27,299,494	50,109,348
39	Printing and book-binding.....	1,337	46,901,993	15,000	19,441,991	19,387,237	29,354,074	47,330,121
40	Planing mills.....	805	35,436,688	11,980	12,824,402	25,954,103	22,154,949	48,812,469
Totals Forty Leading Industries.....		18,890	3,759,884,404	715,751	966,035,803	2,629,292,158	1,956,951,904	4,727,981,358
Totals, All Industries.....		26,293	4,905,503,966	961,178	1,264,862,643	3,296,547,019	2,605,119,788	6,076,308,124
Percentages of leading industries to all industries.....		71.8	76.6	74.5	76.4	79.8	75.1	77.8
Primary textiles.....		497	272,104,702	80,470	81,727,935	182,999,395	153,695,863	349,205,210

¹ On a broader classification basis, the primary textile industry, which includes the production of cottons, woollens, silk, hosiery and knitted goods, and the dyeing and finishing of textiles, ranks first in number of employees and salaries and wages paid and second in gross value of production.

Section 4.—Principal Factors in Manufacturing Production

The subjects treated under this Section, in as much detail as limitations of space permit, include capital, employment, salaries and wages, size of establishments and power and fuel used in manufacturing.

Subsection 1.—Capital Employed

The remarkable increase in capital employed in Canadian manufactures from the beginning of the twentieth century has, of course, run parallel with the rapid growth in industrial operations. From 1900 to 1905 the capital increased from \$446,900,000 to \$833 900,000, and advanced to \$1,958,700,000 in 1915. During this period returns were received from establishments with 5 hands or over, and, while the rise in wholesale prices did not exceed 37 p.c., the capital employed in manufactures increased nearly 340 p.c.

The capital investment in 1941 in all establishments, irrespective of the number of employees, but exclusive of central electric stations, was \$4,906,000,000 as compared with \$2,334,000,000 in 1917, an increase of 110 p.c. while wholesale prices have declined about 21 p.c. in the same period.

15.—Percentage Distribution of Capital Employed in the Manufacturing Industries by Provinces and Industrial Groups, Significant Years, 1917-41

Province or Group	1917	1920	1926	1929	1933	1939	1940	1941
	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
PROVINCE								
Prince Edward Island.....	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Nova Scotia.....	5.3	4.6	3.3	3.0	2.8	2.8	2.7	2.5
New Brunswick.....	2.6	3.5	2.6	2.3	2.7	2.5	2.3	2.0
Quebec.....	28.4	30.1	30.2	31.1	31.6	32.4	32.9	34.7
Ontario.....	49.6	50.1	50.4	49.6	48.4	48.3	48.5	47.6
Manitoba.....	3.6	3.2	2.7	3.0	3.1	3.3	3.2	3.3
Saskatchewan.....	1.0	0.8	0.8	1.1	1.2	1.0	1.0	1.0
Alberta.....	2.1	1.6	1.8	2.0	2.1	2.0	1.9	1.9
British Columbia and Yukon.....	7.3	6.0	8.1	7.8	8.0	7.6	7.4	6.9
Totals.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
INDUSTRIAL GROUP								
Vegetable products.....	12.0	13.7	14.3	14.5	15.9	14.8	14.3	12.9
Animal products.....	8.9	7.6	7.0	6.1	6.2	6.9	6.4	6.2
Textiles and textile products.....	8.2	10.4	9.4	9.0	9.1	9.5	9.6	9.0
Wood and paper products.....	23.0	26.5	28.9	28.8	27.2	26.4	25.0	22.1
Iron and its products.....	29.8	24.8	20.4	20.6	18.8	19.1	20.4	23.2
Non-ferrous metal products.....	3.0	3.7	6.3	7.5	8.1	9.5	10.4	11.1
Non-metallic mineral products.....	6.2	7.4	7.8	7.9	9.0	8.0	7.6	6.7
Chemicals and allied products.....	7.5	4.2	4.2	4.1	4.7	4.7	5.2	7.3
Miscellaneous industries.....	1.4	1.7	1.7	1.5	1.0	1.1	1.1	1.5

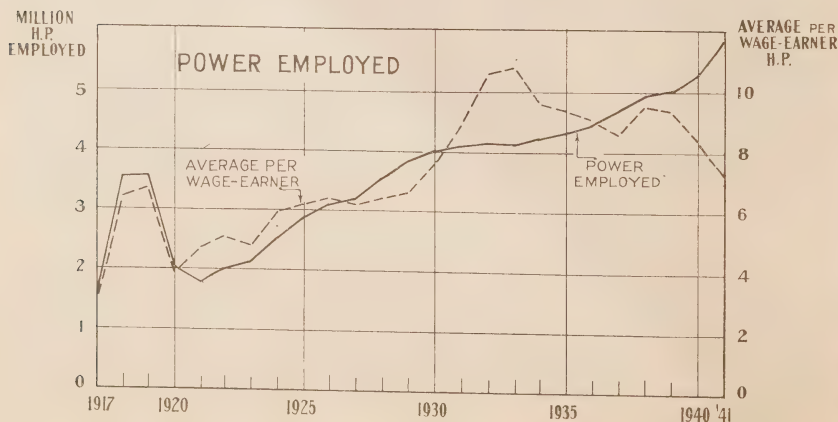
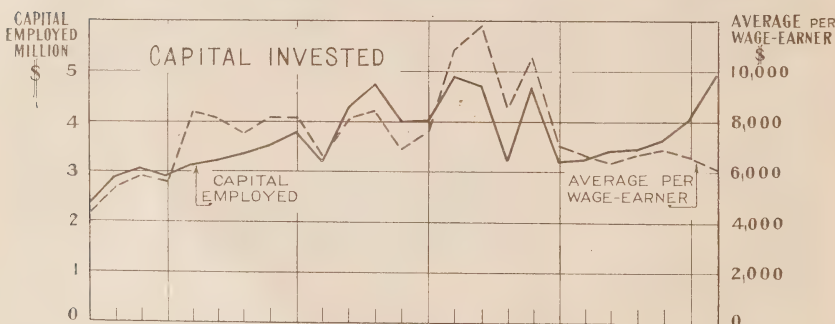
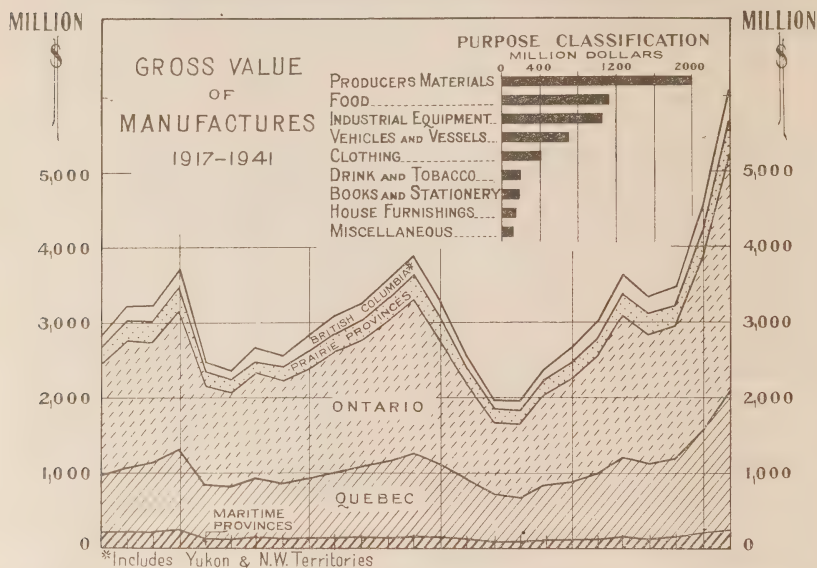
16*—Forms of Capital Employed in the Manufacturing Industries, by Provinces and Industrial Groups, 1941, with Totals for Significant Years, 1924-40

Year, Province or Group	Estab- lish- ments	Fixed Capital	Working Capital			Total Capital
		Land, Buildings, Fixtures, Machinery, Tools and Other Equipment	Inventory Value of Raw Materials, Stocks in Process, Fuel, and Mis- cellaneous Supplies on Hand	Inventory Value of Finished Products on Hand	Cash, Bills and Accounts Receivable, Prepaid Expenses, etc.	
	No.	\$	\$	\$	\$	\$
Totals, 1924	20,709	1,717,122,081	658,360,445	519,834,982	2,895,317,508	
Totals, 1926	21,301	1,905,620,436	707,413,136	595,037,625	3,208,071,197	
Totals, 1929	22,216	2,356,913,335	867,689,319	780,289,355	4,004,892,009	
Totals, 1932	23,102	2,218,729,234	597,939,060	563,807,215	3,380,475,509	
Totals, 1933	23,780	2,151,091,557	573,587,617	554,580,664	3,279,259,838	
Totals, 1934	24,209	2,109,729,523	598,110,478	541,508,863	3,249,348,864	
Totals, 1935	24,034	2,080,221,792	610,814,942	525,366,393	3,216,403,127	
Totals, 1936	24,202	2,061,610,260	651,771,457	557,881,814	3,271,263,531	
Totals, 1937	24,834	2,126,929,809	757,322,293	580,975,729	3,465,227,831	
Totals, 1938	25,200	2,149,402,173	739,226,808	597,054,037	3,485,683,018	
Totals, 1939	24,805	2,168,887,084	784,543,558	693,593,807	3,647,024,449	
Totals, 1940	25,513	2,266,087,512	992,988,598	836,640,726	4,095,716,836	
PROVINCE						
Prince Edward Island	213	1,777,501	381,105	137,964	809,799	3,106,369
Nova Scotia	1,177	67,016,833	22,680,936	8,599,437	26,112,585	124,409,791
New Brunswick	791	59,375,232	15,426,220	5,118,420	18,032,927	97,952,799
Quebec	8,711	881,762,365	317,877,334	107,476,405	393,411,301	1,700,537,405
Ontario	10,250	1,152,051,958	467,089,529	197,971,638	519,666,442	2,336,779,567
Manitoba	1,184	94,590,398	26,153,622	17,069,343	25,683,514	163,496,877
Saskatchewan	945	22,880,009	6,130,664	4,689,535	8,458,530	42,158,738
Alberta	1,108	57,200,587	11,701,053	11,960,578	14,814,100	95,676,318
British Columbia	1,905	186,094,313	61,574,491	24,995,984	67,946,302	340,611,090
Yukon and Northwest Terri- tories	9	464,460	36,402	90,658	193,492	785,012
Totals, 1941	26,293	2,523,213,656	929,051,356	378,109,962	1,075,128,992	4,905,503,966
INDUSTRIAL GROUP						
Vegetable products	5,948	278,299,533	126,089,141	89,128,825	141,211,261	634,728,760
Animal products	4,240	134,326,775	66,164,110	34,834,647	68,331,841	303,657,373
Textiles and textile products	2,104	187,580,616	111,721,665	29,431,979	110,344,515	439,078,775
Wood and paper products	9,420	725,483,053	126,896,235	39,916,687	193,726,571	1,086,022,546
Iron and its products	1,759	501,740,964	276,707,482	84,061,299	276,191,924	1,138,701,669
Non-ferrous metal products	579	266,160,319	103,728,608	27,791,772	148,181,728	545,862,427
Non-metallic mineral products	773	209,608,132	40,801,067	32,742,554	41,879,745	325,032,038
Chemicals and allied products	849	192,176,624	57,435,084	35,822,827	72,994,994	358,429,529
Miscellaneous industries	621	27,837,640	19,507,424	4,379,372	22,266,413	73,990,849

Subsection 2.—Employment in Manufactures

Using a base and taking the percentages of the wage-earners and the total employees in each year, and dividing these percentages into the corresponding volumes of manufacturing production (see p. 15 for the index of volume), tentative conclusions are arrived at regarding the efficiency of production per wage-earner and per employee. These indexes of the efficiency of production are, of course,

FACTORS IN MANUFACTURING PRODUCTION



affected by the changes in the method of computing the number of wage-earners adopted in 1925, and then again in 1931. Inasmuch as the change increased the apparent number of employees between 1925 and 1930, it proportionately decreased the index of the efficiency of production. Comparability exists, however, between the figures prior to 1926 and subsequent to 1930. Table 17 shows only the latter period. Unfortunately, the period covered is rather limited for the purpose in view, but it is suggested that the reader compare these data with the comparable figures for 1917-30 at p. 421 of the 1939 Canada Year Book. The indexes may be considered as supplying satisfactory evidence of a general gain in volume of production per person employed.

17.—Salaried Employees and Wage-Earners in Manufacturing Industries, with Volume of Manufacturing Production and Comparative Efficiency of Production, 1931-41

NOTE.—Figures, with qualifications as to comparability, for 1917 to 1930 are published at p. 421 of the 1939 Canada Year Book.

(1935-39=100)

Year	Salaried Employees	Wage-Earners	Total Employees	Percentages Relative to 1935-39		Index Number of Volume of Mfd. Products	Indexes of Efficiency of Production	
				Of Wage-Earners	Of Total Employees		Per Wage-Earner	Per Employee
	No.	No.	No.	p.c.	p.c.	p.c.	p.c.	p.c.
1931.....	91,491	437,149	528,640	85.8	84.9	80.0	93.2	94.2
1932.....	87,050	381,783	468,833	74.9	75.3	67.6	90.3	89.8
1933.....	86,636	382,022	468,658	75.0	75.3	67.7	90.3	89.9
1934.....	92,095	427,717	519,812	83.9	83.5	79.6	94.9	95.3
1935.....	97,930	458,734	556,664	90.0	89.5	87.9	97.7	98.2
1936.....	104,417	489,942	594,359	96.1	95.5	96.2	100.1	100.7
1937.....	115,827	544,624	660,451	106.9	106.1	108.9	101.9	102.6
1938.....	120,589	521,427	642,016	102.3	103.2	100.8	98.5	97.7
1939.....	124,772	533,342	658,114	104.7	105.8	106.3	101.5	100.5
1940.....	135,760	626,484	762,244	122.9	122.5	125.2	101.9	102.2
1941.....	158,944	802,234	961,178	157.4	154.5	155.9	99.0	100.9

Monthly Record of Employment in Manufactures.—Ordinarily, manufacturing employment in Canada reaches its highest point during the summer months. Some of the seasonal industries, such as canning, are most active then, textile industries are preparing winter goods, and industry generally feels the active demand of the agricultural purchasing power resulting from the prospects of the season's harvest. After the setback of 1929, employment in 1930, 1931, 1932 and the first half of 1933 declined steadily, the monthly employment figures in each case being lower than the corresponding month of the previous year. The peak of employment in June, 1929, when 575,693 wage-earners were on the payrolls, was surpassed in September, 1937, with 582,305 wage-earners. With the outbreak of war the improvement in employment became increasingly rapid. A new high record was attained in September, 1941, when 861,774 wage-earners were employed, an increase of 53 p.c. over the same month in 1939.

18.—Wage-Earners Employed in the Manufacturing Industries of Canada, by Months and Sex, Significant Years, 1922-41

Month	1922	1929	1933	1937	1939	1940	1941
TOTAL WAGE-EARNERS							
January.....	324,257	502,644	340,027	484,480	490,337	560,093	700,133
February.....	336,729	519,423	347,777	502,635	496,160	570,169	719,822
March.....	349,110	536,866	355,888	518,663	503,475	578,317	739,680
April.....	360,248	555,711	358,759	536,691	509,739	590,221	757,658
May.....	382,504	574,905	377,659	558,205	530,864	611,678	787,137
June.....	393,935	575,693	392,196	569,613	531,245	622,561	806,635
July.....	391,186	573,554	393,464	564,685	529,575	635,124	819,732
August.....	389,511	567,022	402,249	559,760	543,605	651,923	843,252
September.....	392,423	564,796	410,954	582,305	562,355	675,381	861,774
October.....	385,262	553,338	405,757	564,493	568,564	672,603	859,591
November.....	378,992	527,213	396,384	546,473	563,117	668,893	858,832
December.....	367,724	499,893	380,612	521,565	544,817	652,486	842,848
MALE							
January.....	243,682	397,459	257,445	380,314	381,997	436,221	549,976
February.....	253,178	410,865	260,728	392,475	385,955	443,947	564,176
March.....	263,849	426,713	267,259	403,202	391,623	450,941	579,757
April.....	274,821	443,569	271,348	422,678	398,982	463,870	597,256
May.....	294,095	459,783	285,705	440,211	416,963	483,027	621,396
June.....	304,395	460,294	296,937	450,121	417,975	493,555	636,633
July.....	304,020	459,051	300,329	448,991	417,987	504,422	646,237
August.....	301,234	449,721	302,969	440,123	421,895	512,538	654,782
September.....	298,918	441,510	304,908	449,011	431,509	523,781	662,465
October.....	291,973	432,576	301,315	438,890	437,220	524,875	661,454
November.....	286,511	412,114	294,945	425,171	432,920	523,330	659,011
December.....	277,854	391,903	285,690	408,663	422,538	514,079	649,766
FEMALE							
January.....	80,575	105,185	82,582	104,166	108,340	123,872	150,157
February.....	83,551	108,558	87,049	110,160	110,205	126,222	155,646
March.....	85,261	110,153	88,629	112,461	111,852	127,376	159,923
April.....	85,427	112,142	87,411	114,013	110,757	126,351	160,402
May.....	88,409	115,122	91,954	117,994	113,901	128,651	165,741
June.....	89,540	115,399	95,259	119,492	113,270	129,096	170,002
July.....	87,166	114,503	93,135	115,694	111,588	130,702	173,495
August.....	88,277	117,301	99,280	119,637	121,710	139,385	188,470
September.....	93,505	123,286	106,046	133,294	130,846	151,600	199,309
October.....	93,289	120,762	104,442	135,603	131,344	147,728	198,137
November.....	92,481	115,099	101,439	121,302	130,197	145,553	199,821
December.....	89,870	107,990	94,922	112,902	122,279	138,407	193,082

Hours Worked by Wage-Earners.—From 1932, the first year for which figures on hours worked per week by wage-earners are available, to 1941, each firm was required to report the number of hours worked by all its wage-earners during the month in which the greatest number had been employed, the only exception being the years 1938 and 1939 when one week in a month of normal employment was reported. In 1938 the number of hours worked per week were broken down by sex, and a change was also made in the breakdown of the weekly hours worked. Since 1940 the hours worked per week include overtime while prior to that overtime was excluded. These changes make it impossible to measure accurately the changes in the number of hours worked per week. In any case, the figures in Tables 19 to 22 do not refer to any particular month, since the month of highest employment might be May for one firm and October for another; they represent the summation of the different months of highest employment as reported by all firms. For a given industry, however, the month of highest employment is more significant as in this case it coincides for a great number of firms engaged in the same industry.

For all wage-earners, the hours worked per week declined from 48.9 in 1932 to 47.2 in 1939, then rose sharply to 50.5 in 1941, some of this increase no doubt being due to the inclusion of overtime. Female wage-earners in 1941 worked an average 4.4 hours per week less than their male co-workers.

19.—Wage-Earners in Manufacturing, Working Specified Numbers of Hours¹ per Week in the Month of Highest Employment, 1938-41

NOTE.—For hours worked per week in 1932-37, see Canada Year Book, 1942, p. 386.

Hours Worked per Week	All Wage-Earners ¹				Male				Female			
	1938	1939	1940	1941	1938	1939	1940	1941	1938	1939	1940	1941
	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
30 or less.....	24,073	19,849	29,313	36,064	15,439	12,868	19,307	23,635	8,634	6,981	10,006	12,429
31-43.....	99,125	85,597	72,856	77,461	75,842	64,780	53,422	50,969	23,283	20,817	19,434	26,492
44.....	83,763	81,128	70,526	85,040	59,983	57,667	48,028	60,062	23,780	23,461	22,498	24,978
45-47.....	66,268	64,031	61,293	69,844	47,877	45,703	42,128	43,554	18,391	18,328	19,165	26,290
48.....	121,625	130,506	149,321	190,437	97,287	103,636	120,253	149,612	24,338	26,870	29,068	40,825
49-50.....	62,294	65,822	79,808	92,931	45,981	48,378	55,596	63,541	16,313	17,444	24,212	29,390
51-54.....	39,596	46,165	80,611	120,645	33,744	37,439	61,992	90,044	5,852	8,726	18,619	30,601
55.....	20,575	24,316	37,775	55,701	16,493	19,766	28,893	43,431	4,082	4,550	8,882	12,270
56-64.....	60,755	61,067	144,474	187,184	56,171	56,837	128,100	165,242	4,584	4,230	16,374	21,942
65 or over.....	8,755	8,478	47,341	63,913	8,224	8,036	43,878	59,250	531	442	3,463	4,663
Totals, Wage-Earners.....	586,829	586,859	773,318	979,220	457,041	455,110	601,597	749,340	129,788	131,849	171,721	229,880
Average Hours per Week.....	46.7	47.2	50.1	50.5	47.3	48.1	50.9	51.5	44.6	45.2	47.3	47.1

¹ For 1938 and 1939, the hours worked do not include overtime, while for 1940 and 1941 overtime is included.

20.—Wage-Earners Working Specified Weekly Hours¹ in Month of Highest Employment, by Sex, Province and Industrial Group, 1941
—concluded

Province or Industrial Group	Hours Worked per Week								Total Wage-Earners	Average Hours Worked per Week
	30 or Less	31-43	44	45-47	48	49-50	51-54	55	56-64	65 or Over
FEMALE										
Province	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
Prince Edward Island.....	10	20	—	16	50	7	5	2	24	12
Nova Scotia.....	92	184	192	354	696	789	682	268	583	36
New Brunswick.....	176	356	139	107	349	382	796	137	591	13
Quebec.....	3,823	9,826	9,296	11,740	21,707	12,877	14,286	4,836	7,676	1,154
Ontario.....	7,201	14,150	11,157	12,149	15,431	14,687	13,883	6,795	12,239	3,226
Manitoba.....	199	621	2,140	717	644	311	882	85	245	33
Saskatchewan.....	62	48	77	60	185	11	21	14	50	32
Alberta.....	93	127	702	208	350	175	187	28	84	9
British Columbia.....	773	1,160	1,275	939	1,413	251	359	95	449	147
Yukon and Northwest Territories.....	—	—	—	—	—	—	—	—	1	2
Totals²	12,429	26,492	24,978	26,290	40,825	29,390	30,601	12,270	21,942	4,663
INDUSTRIAL GROUP										
Vegetable products.....	4,922	5,640	3,940	4,836	7,336	4,036	5,293	1,883	6,177	3,219
Animal products.....	3,701	1,725	1,406	2,118	2,210	3,601	2,289	745	1,661	301
Textiles and textile products.....	3,193	10,924	11,777	9,738	17,484	15,636	11,101	5,591	4,400	275
Wood and paper products.....	1,172	1,861	3,283	1,872	3,408	1,616	1,709	863	1,657	208
Iron and its products.....	809	2,300	1,683	1,562	2,568	1,648	2,080	886	3,338	198
Non-ferrous metal products.....	539	1,409	1,052	1,309	1,313	1,701	1,877	1,754	1,799	372
Non-metallic mineral products.....	67	213	147	352	379	158	145	60	88	11
Chemicals and allied products.....	763	1,847	1,630	3,784	5,456	604	5,453	225	1,584	34
Miscellaneous industries.....	253	583	970	719	691	389	654	263	1,238	45
Totals²	47,292	16,847	90,119	17,639	16,063	13,125	11,630	46,000	21,360	48,600

¹ Including overtime. ² Exclusive of dairy factories and fish-curing and packing plants.

21.—Male Wage-Earners in the Forty Leading Industries Working Specified Weekly Hours¹ in the Month of Highest Employment, 1941

NOTE.—Industries ranked according to the annual number of male wage-earners employed.

Industry	Hours Worked per Week										Total Wage-Earners	Average Hours Worked per Week
	30 or Less	31-43	44	45-47	48	49-50	51-54	55	56-64	65 or Over		
	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
1 Sawmills	970	1,013	1,502	1,162	15,622	1,810	6,999	2,742	33,315	1,418	66,553	54.7
2 Pulp and paper	1,021	1,449	4,008	1,095	13,060	1,279	3,455	821	4,442	4,442	35,472	53.0
3 Railway rolling stock	332	4,597	10,713	841	9,867	1,074	1,301	449	883	509	29,666	45.6
4 Primary iron and steel	590	1,706	614	9,609	1,119	2,126	699	699	6,800	1,575	25,048	51.7
5 Aircraft	370	1,226	208	408	8,082	445	1,886	318	7,691	2,144	26,338	53.4
6 Shipbuilding and repairs	805	1,372	9,183	842	1,655	1,500	4,944	1,886	3,974	5,873	28,584	52.4
7 Automobiles	1,023	5,962	1,112	3,220	6,625	1,697	2,044	227	1,724	221	20,988	45.2
8 Electrical apparatus and supplies	440	853	665	1,062	2,246	1,513	2,713	4,741	4,993	2,198	21,424	54.1
9 Machinery	710	1,048	1,372	691	1,903	1,903	2,952	1,776	5,574	4,982	21,837	55.8
10 Miscellaneous chemical products	1,019	1,070	408	2,047	11,099	851	5,884	398	5,236	1,009	29,021	50.6
11 Bread and other bakery products	582	339	327	275	2,762	1,574	5,771	1,448	4,641	612	18,351	52.8
12 Cotton yarn and cloth	157	378	30	198	11,590	1,475	678	770	1,044	332	16,712	50.2
13 Non-ferrous metal smelting and refining	125	83	114	977	12,359	1,731	2,889	638	4,382	1,839	16,057	53.7
14 Castings, iron	346	712	726	1,449	1,345	1,080	2,971	1,067	4,948	1,798	14,270	53.8
15 Automobile supplies	501	1,126	330	979	1,076	1,338	2,656	1,397	3,236	904	12,864	52.2
16 Slaughtering and meat packing	462	557	255	986	1,073	1,118	1,076	2,340	3,850	506	12,069	50.6
17 Furniture	334	432	1,253	2,551	844	1,118	1,076	357	3,850	981	12,325	52.8
18 Brass and copper products	289	501	398	1,037	3,100	951	861	1,369	3,850	981	12,325	52.8
19 Rubber goods, including rubber footwear	363	1,402	611	1,043	1,703	1,211	1,369	976	1,901	655	11,224	50.1
20 Sheet metal products	480	879	1,325	959	1,382	944	1,501	1,012	2,664	922	12,068	51.3
21 Planing mills, sash and door factories	434	574	820	897	1,279	944	2,311	912	3,577	609	12,357	52.4
22 Miscellaneous iron and steel products	421	1,117	419	962	1,835	579	906	312	4,312	2,099	12,962	54.3
23 Boots and shoes, leather	420	882	505	1,343	732	2,086	1,626	909	1,310	259	10,062	49.4
24 Hardware and tools	261	486	372	476	489	949	1,134	1,276	3,247	1,633	10,323	55.4
25 Printing and publishing	566	2,086	1,390	1,333	2,048	440	419	60	369	139	8,850	44.2
26 Clothing, men's factory	172	616	3,713	677	1,566	554	624	136	235	27	8,320	45.7
27 Hosiery and knitted goods	47	95	125	1,611	1,541	1,172	1,586	1,107	959	281	7,991	50.9
28 Agricultural implements	237	436	136	269	782	605	518	823	801	300	8,365	50.3
29 Printing and bookbinding	373	612	2,982	868	1,441	390	473	137	691	275	8,242	45.9
30 Silk and artificial silk	274	308	1,092	558	510	1,203	266	288	1,093	3,390	6,982	52.8
31 Bridge and structural steel	218	1,462	1,339	494	1,039	291	615	182	328	24	5,992	44.0
32 Clothing, women's factory	122	315	173	260	885	1,168	740	540	1,264	288	5,765	52.0
33 Heating and cooking apparatus	71	424	297	189	3,805	226	274	31	1,133	79	6,529	49.4
34 Acids, alkalies, and salts	25	305	165	398	957	567	602	800	1,383	341	5,283	52.9
35 Wire and wire goods	154	305	165	398	957	567	602	800	1,383	341	5,283	52.9
36 Fruit and vegetable preparations	2,499	1,103	188	331	407	442	938	246	2,864	4,892	13,531	53.4
37 Biscuits, confectionery, cocoa, etc.	233	1,621	191	338	399	963	748	427	1,361	487	5,311	53.0
38 Aerated and mineral waters	238	172	145	367	775	527	1,606	227	1,204	383	5,665	52.2
39 Woollen cloth	116	189	45	144	382	636	1,096	694	1,163	402	4,861	53.8
40 Petroleum products	88	2,026	1,239	53	712	98	200	70	198	58	4,748	42.9
Totals, Forty Leading Industries ²	18,085	40,878	47,067	34,757	126,185	50,172	72,475	33,838	135,409	47,199	606,065	51.6
Totals, All Industries ²	23,635	50,969	60,062	43,551	149,612	63,541	90,044	43,431	165,242	59,250	749,340	51.5

¹ Including overtime.

² Figures are exclusive of those for "butter and cheese" and "fish curing and packing" which are among the leading industries; figures not being available.

22.—Female Wage-Earners in the Forty Leading Industries Working Specified Weekly Hours¹ in the Month of Highest Employment, 1941

Note.—Industries ranked according to the annual number of female wage-earners employed.

Industry	Hours Worked per Week										Total Wage-Earners	Average Hours Worked per Week
	30 or Less	31-43	44	45-47	48	49-50	51-54	55	56-64	65 or Over		
No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
1 Clothing, men's factory.....	538	1,879	5,761	1,757	4,863	2,396	1,994	915	563	55	20,721	46.4
2 Clothing, women's factory.....	777	2,660	2,969	2,568	4,912	2,112	2,54	254	684	24	18,225	46.4
3 Hosiery and knitted goods.....	603	1,938	589	2,028	3,205	2,671	2,733	493	503	4	15,752	47.5
4 Cotton yarn and cloth.....	257	611	36	224	1,465	5,786	611	435	434	2	9,921	48.7
5 Boots and shoes, leather.....	304	698	358	939	761	2,319	1,133	406	992	188	8,068	49.2
6 Electrical apparatus and supplies	356	1,076	399	795	866	1,093	1,257	1,596	1,334	296	9,098	50.0
7 Miscellaneous chemical products	577	1,257	530	3,110	5,152	480	5,047	91	1,261	12	17,517	48.2
8 Biscuits, confectionery, cocoa, etc.	412	680	602	1,089	1,603	1,192	1,198	295	1,236	62	8,369	48.4
9 Fruit and vegetable preparations.....	3,186	2,176	559	941	790	977	1,851	443	3,836	2,974	17,733	49.2
10 Tobacco, cigars and cigarettes.....	181	700	1,177	1,015	1,541	348	388	155	196	4	5,705	45.8
11 Rubber goods, including rubber footwear.....	220	697	379	754	528	584	813	629	544	105	5,082	45.4
12 Bread and other bakery products.....	413	250	280	289	1,523	348	723	152	177	25	4,189	46.4
13 Boxes and bags, paper.....	196	240	248	561	1,722	595	598	311	633	71	4,375	45.8
14 Printing and book-binding.....	273	354	1,436	392	944	189	287	96	345	43	4,338	45.8
15 Silk and artificial silk.....	193	819	78	425	438	854	264	244	331	1	3,647	46.2
16 Woollen cloth.....	98	264	92	200	155	979	855	463	535	46	3,367	50.8
17 Hats and caps.....	109	984	318	442	330	229	391	217	316	28	3,364	45.8
18 Miscellaneous iron and steel products.....	360	878	112	457	140	231	213	56	1,543	80	4,070	48.6
19 Miscellaneous leather goods.....	96	129	474	660	453	142	199	67	195	8	2,423	46.9
20 Woollen yarn.....	130	245	23	180	244	461	459	90	244	11	2,087	48.2
21 Miscellaneous paper products.....	66	293	192	267	469	303	232	169	189	13	2,082	46.9
22 Narrow fabrics, laces, etc.....	15	70	38	109	122	179	278	1,064	194	3	2,072	52.8
23 Aircraft.....	39	177	15	53	732	81	517	131	646	21	2,412	51.4
24 Sheet metal products.....	114	322	199	259	268	325	259	126	302	16	2,190	47.5
25 Automobile supplies.....	50	260	96	327	238	199	455	66	215	44	1,950	48.7
26 Corsets.....	24	288	99	820	301	35	172	46	22	-	1,807	45.6
27 Slaughtering and meat packing.....	123	238	155	302	900	160	303	84	178	40	1,783	47.2
28 Medicinal and pharmaceutical preparations.....	92	321	750	311	106	32	163	13	86	16	1,880	44.3
29 Printing and publishing.....	354	222	371	146	275	80	77	18	76	3	1,622	41.3
30 Hardware and tools.....	59	134	48	122	310	409	311	210	269	8	1,880	49.9
31 Foods, miscellaneous.....	90	339	310	487	320	68	182	20	86	-	1,902	44.9
32 Gloves and mittens, leather.....	63	38	208	76	373	588	187	45	21	62	1,599	47.6
33 Fur goods.....	72	542	174	61	325	154	188	44	214	214	1,836	46.3
34 Jewellery and electroplated ware.....	24	56	384	159	139	204	314	82	101	9	1,465	48.4
35 Brass and copper products.....	111	108	94	183	188	254	184	47	239	8	1,416	48.1
36 Miscellaneous cotton goods.....	89	144	238	117	269	114	167	20	106	26	1,270	46.4
37 Clothing contractors, men's.....	27	152	389	84	148	75	98	46	46	7	1,056	45.5
38 Machinery.....	56	133	83	84	271	237	166	45	240	26	1,341	40.2
39 Glass products.....	53	167	109	182	296	66	78	50	53	3	1,057	45.8
40 Tobacco processing and packing.....	71	327	361	109	932	411	4	1	-	-	2,216	45.2
Totals, Forty Leading Industries²	10,882	22,978	20,843	23,061	36,720	26,873	27,441	10,605	19,165	4,389	202,897	47.7
Totals, All Industries³	12,429	26,492	24,978	26,290	40,825	29,390	30,601	12,270	21,942	4,663	229,880	47.1

¹ Including overtime.² These figures are exclusive of those for "butter and cheese" and "fish curing and packing", which are among the leading industries; figures not being available.

Subsection 3.—Salaries and Wages in Canadian Manufacturing Industries

In 1941 the 26,293 establishments covered employed 158,944 salaried employees and 802,234 wage-earners, a total of 961,178 persons. Out of every 1,000 persons employed in manufacturing, 163 were classed as salary earners and 837 as wage-earners; the former earned 22.6 p.c. and the latter 77.4 p.c. of the total amount paid out as remuneration for services.

The percentages of salaries are usually relatively high in both Ontario and Quebec as compared with the other provinces. Ontario had a larger proportion of females among its salaried employees than the other provinces. The same situation prevails in Quebec with regard to wage-earners, due, no doubt, to the textile industries of the province. The importance of the textile industries in providing employment to females is strikingly illustrated by the fact that of all female wage-earners engaged in the manufacturing industries of Canada, 44.9 p.c. were found in the textile group.

The average salary in 1941 amounted to \$1,801 which was \$55 or 3.2 p.c. higher than in 1939. Salaried employees in Ontario with \$1,898 received the highest salary. British Columbia came second with \$1,854 and Quebec third with \$1,736. The head offices of many large corporations being located in Montreal, Toronto, Vancouver and Winnipeg tend to raise the average salaries in the provinces in which these cities are located.

The average wage in 1941 amounted to \$1,220 which was \$245 or 25.1 p.c. higher than in 1939. Manufacturing industries in British Columbia paid the highest average wages of \$1,359, followed by Ontario with \$1,309, Manitoba \$1,181, Alberta \$1,118, Quebec \$1,103, etc. The high figures shown for Yukon and the Northwest

23.—Salaries and Wages Paid in Manufacturing Industries, by Provinces and Industrial Groups, 1941, with Totals for Significant Years, 1917-40

Year, Province or Industrial Group	Salaries				Wages				
	Salaried Employees		Total Salaries	Average Salaries	Wage-Earners		Total Wages	Average Wages	
	Male	Female			Male	Female			
	No.	No.	\$	\$	No.	No.	\$	\$	
1917	64,918		85,353,667	1,315	541,605		412,448,177		762
1920	78,334		141,837,361	1,811	520,559		575,656,515		1,106
1922	71,586		129,836,831	1,814	384,670		359,560,399		935
1924	54,379	15,641	130,344,822	1,857	322,719	94,871	404,122,853		968
1926 ¹	58,245	17,992	142,353,900	1,890	374,214	109,580	483,328,342		999
1929 ¹	67,731	21,110	175,553,710	1,976	454,768	122,922	601,737,507		1,042
1930 ¹	64,161	20,550	169,992,216	2,007	416,790	113,195	527,563,162		995
1931 ²	71,198	20,293	172,289,095	1,883	337,636	99,513	415,277,895		950
1932	68,264	18,786	151,355,790	1,739	288,817	92,966	322,245,926		844
1933	67,875	18,761	139,317,946	1,608	287,266	94,756	296,929,878		777
1934	71,963	20,132	148,760,126	1,615	326,598	101,119	355,090,929		830
1935	76,213	21,717	160,455,080	1,638	353,790	104,944	399,012,697		870
1936	81,409	23,008	173,198,057	1,659	379,977	109,965	438,873,377		899
1937	91,092	24,735	195,983,475	1,692	427,285	117,339	525,743,562		965
1938	95,270	25,319	207,386,381	1,719	409,172	112,255	498,282,208		956
1939	98,165	26,607	217,839,334	1,746	415,488	117,854	519,971,819		975
1940	104,267	31,493	241,599,761	1,780	491,439	135,045	679,273,104		1,084

¹ The averages of wage-earners and earnings for the years 1931 to 1941 are strictly comparable with those for the years up to 1925 but not with those for the intervening years. The figures for the latest years—as for the earliest—represent the earnings for complete man-years of work, with no allowance for periods of unemployment. The difference amounts only to about 3 or 4 p.c. in the total figures and affects chiefly the seasonal industries.

² The increase in the number of salaried employees in 1931 is due to the following changes in method: (1) Prior to 1931 working proprietors, such as bakers, sawmill operators, small clothing manufacturers, etc. were required to report themselves as wage-earners. In 1931 and subsequent years, however, all such proprietors reported themselves as salaried employees. (2) In 1931 travelling salesmen who were attached to the plant, and devoted all or the greater part of their time to selling the products of that plant, were included with salaried employees. Prior to this they were not reported at all.

23.—Salaries and Wages Paid in Manufacturing Industries, by Provinces and Industrial Groups, 1941, with Totals for Significant Years, 1917-40—concluded

Year, Province or Industrial Group	Salaries				Wages			
	Salaried Employees		Total Salaries	Average Salaries	Wage-Earners		Total Wages	Average Wages
	Male	Female			Male	Female		
PROVINCE ³	No.	No.	\$	\$	No.	No.	\$	\$
Prince Edward Island.....	237	59	228,832	773	572	237	452,051	559
Nova Scotia.....	2,384	636	4,337,041	1,436	18,166	3,391	23,190,298	1,076
New Brunswick.....	2,033	600	4,386,813	1,665	14,321	2,646	17,331,594	1,021
Quebec.....	38,569	12,607	88,836,742	1,736	199,739	76,676	304,982,929	1,103
Ontario.....	57,457	23,374	153,447,285	1,898	306,368	81,031	507,274,993	1,309
Manitoba.....	4,583	1,356	9,799,218	1,650	21,561	4,762	31,095,049	1,181
Saskatchewan.....	2,015	433	3,287,564	1,343	5,579	519	6,692,410	1,097
Alberta.....	2,967	779	5,604,442	1,496	11,442	1,573	14,547,263	1,118
British Columbia.....	6,990	1,849	16,384,683	1,854	49,036	4,572	72,871,795	1,359
Yukon and Northwest Territories.....	16	—	24,241	1,515	41	2	87,400	2,033
Totals, 1941.....	117,251	41,693	286,336,861	1,801	626,825	175,409	978,525,782	1,220
INDUSTRIAL GROUP ³								
Vegetable products....	18,080	5,799	41,674,374	1,745	61,109	28,765	89,391,719	994
Animal products.....	13,047	3,520	24,956,045	1,506	48,982	16,582	65,228,992	995
Textiles and textile products.....	11,721	5,843	35,542,721	2,024	60,539	78,789	123,796,307	889
Wood and paper products.....	27,128	7,530	60,416,988	1,743	130,995	14,314	167,404,751	1,152
Iron and its products..	22,794	9,120	58,290,799	1,826	210,772	11,015	349,773,336	1,577
Non-ferrous metal products.....	8,466	3,669	24,850,649	2,048	50,806	10,509	84,044,351	1,371
Non-metallic mineral products.....	3,863	1,076	10,160,334	2,057	22,592	1,298	32,215,880	1,349
Chemicals and allied products.....	9,138	3,826	23,324,430	1,799	31,149	9,901	52,310,311	1,274
Miscellaneous products	3,014	1,310	7,120,521	1,647	9,881	4,236	14,360,135	1,017

³ For a break-down of annual earnings of wage-earners, by sex, see Table 26.

Territories in regard to average wages are due to the unusual conditions under which industry is carried on in these regions and are not representative. Statistics on the distribution of employees by provinces and groups as well as average annual earnings are given in Table 23, and for a break-down of annual earnings of wage-earners, by sex, see Table 26.

Average Annual Earnings in the Forty Leading Industries.—In only three industries did the average salary exceed \$2,500 in 1941: petroleum products, breweries and pulp and paper. In eleven they ranged between \$2,000 and \$2,500, in twenty they averaged \$1,500 to \$2,000, and in the remaining six they were below \$1,500. The lowest salaries were reported by the sawmilling and butter and cheese industries each of which includes a large proportion of small establishments.

The highest wages, those above \$1,600, were paid in seven industries, in all of which the proportion of skilled workers is high and the proportion of female workers is low. The automobile industry with \$1,963 was the highest in this group, and railway rolling-stock, with \$1,615, the lowest. In nine other industries average wages ranged between \$1,400 to \$1,600 in all of which the proportion of female workers is low. In twelve other industries average wages ranged between \$1,000 and \$1,400, while in the remaining twelve they were below \$1,000. This last group includes industries made up of a large number of small establishments and in which the proportion of female workers is high. Employment by sex and average annual earnings in the forty leading industries is given in Table 24, and annual earnings by sex in Tables 27 and 28.

24.—Salaries and Wages Paid in the Forty Leading Industries, 1941, with Comparative Figures of Average Salaries and Wages Paid in 1940

NOTE.—Industries ranked according to the aggregate salaries and wages paid. For a break down of annual earnings of wage-earners, by sex, see Tables 27 and 28.

Industry	Salaries					Wages				
	Salaried Employees		Total Salaries	Average Salaries		Wage-Earners		Total Wages	Average Wages	
	Male	Female		1941	1940	Male	Female		1941	1940
	No.	No.	\$	\$	\$	No.	No.	\$	\$	\$
1 Pulp and paper.....	3,994	976	12,924,964	2,601	2,526	31,493	691	50,752,854	1,577	1,475
2 Electrical apparatus and supplies.....	4,583	2,175	13,503,883	1,998	1,887	19,115	7,213	33,707,003	1,280	1,123
3 Railway rolling-stock.....	1,987	270	4,352,092	1,928	2,080	25,803	66	41,774,740	1,615	1,459
4 Primary iron and steel.....	1,236	464	4,163,580	2,449	2,582	21,894	141	40,873,515	1,855	1,566
5 Automobiles.....	2,079	725	6,318,607	2,253	2,263	19,377	220	38,464,457	1,963	1,781
6 Sawmills.....	5,810	366	5,664,986	933	935	38,603	325	35,800,447	920	851
7 Aircraft.....	2,742	1,846	4,675,227	1,019	1,117	20,418	1,655	35,266,790	1,598	1,379
8 Machinery.....	2,992	1,224	7,966,347	1,890	1,758	18,263	897	29,709,708	1,551	1,345
9 Miscellaneous chemical products.....	2,862	1,123	5,282,824	1,326	1,916	17,766	6,806	31,040,182	1,263	1,034
10 Clothing, men's factory	2,774	1,211	7,651,303	1,920	1,766	7,685	17,791	22,313,465	876	809
11 Shipbuilding and repairs.....	1,123	290	2,400,481	1,699	2,016	19,804	23	29,941,345	1,510	1,591
12 Printing and publishing	6,253	2,408	13,568,262	1,567	1,559	8,428	1,454	14,272,479	1,444	1,397
13 Non-ferrous metal smelting and refining	1,478	272	4,117,398	2,353	2,350	14,264	.....	23,365,291	1,638	1,520
14 Cotton yarn and cloth.....	763	427	2,956,997	2,485	2,309	16,006	9,179	24,221,145	962	920
15 Bread and other bakery products.....	2,890	1,032	4,642,716	1,184	1,190	17,288	3,759	21,277,270	1,011	948
16 Automobile supplies.....	1,205	621	3,611,375	1,978	1,913	12,680	1,632	22,152,897	1,648	1,359
17 Clothing women's factory.....	2,402	1,211	6,744,764	1,875	1,672	5,208	15,724	17,913,958	856	774
18 Castings, iron.....	1,179	448	3,180,771	1,955	1,916	14,035	208	21,230,382	1,491	1,244
19 Slaughtering and meat packing.....	3,004	681	6,767,469	1,836	1,817	11,007	1,568	16,487,015	1,311	1,223
20 Rubber goods including rubber footwear.....	1,994	910	5,451,172	1,877	1,768	10,048	4,239	17,341,204	1,214	1,052
21 Hosiery and knitted goods.....	1,445	904	4,683,481	1,994	1,923	7,638	14,375	17,740,258	806	781
22 Miscellaneous iron and steel products.....	1,543	537	3,217,661	1,547	2,082	9,711	2,069	18,319,327	1,555	1,227
23 Butter and cheese.....	4,903	1,221	6,189,450	1,011	937	11,972	826	13,601,229	1,063	996
24 Brass and copper products.....	1,247	550	3,702,857	2,061	1,860	10,342	1,051	15,857,496	1,392	1,300
25 Printing and bookbinding.....	3,207	1,045	7,510,347	1,766	1,637	7,451	3,297	11,931,644	1,110	1,051
26 Sheet metal products.....	1,478	625	4,113,159	1,956	1,877	9,994	1,653	14,400,753	1,236	1,110
27 Boots and shoes, leather.....	1,662	608	4,127,173	1,818	1,711	9,280	7,291	13,560,153	818	693
28 Hardware and tools.....	987	643	3,282,160	2,014	2,014	8,834	1,438	13,666,416	1,330	1,108
29 Furniture.....	1,394	427	3,362,233	1,846	1,692	10,967	567	11,981,312	1,039	921
30 Biscuits, confectionery, cocoa, etc.....	2,279	742	5,703,609	1,888	1,826	4,638	6,764	9,108,027	799	740
31 Planing mills, sash and door factories.....	1,523	325	2,765,498	1,496	1,430	9,969	163	10,058,904	993	909
32 Bridge and structural steel.....	986	220	2,657,323	2,203	2,212	5,956	—	9,909,215	1,664	1,550
33 Agricultural implements.....	879	340	2,084,052	1,710	1,670	7,476	109	10,093,708	1,331	1,199
34 Acids, alkalies and salts.....	1,165	225	2,821,901	2,030	2,549	5,059	33	8,347,383	1,639	1,454
35 Silk and artificial silk.....	570	303	1,977,921	2,266	2,161	5,975	3,292	9,027,849	974	910
36 Breweries.....	1,484	196	4,387,176	2,611	2,385	4,202	50	6,125,629	1,441	1,309
37 Petroleum products.....	874	190	2,824,399	2,655	2,533	4,326	16	7,502,447	1,728	1,503
38 Fruit and vegetable preparations.....	1,205	547	2,819,164	1,609	1,572	4,873	5,318	7,345,952	721	605
39 Boxes and bags, paper.....	885	446	3,087,513	2,320	2,184	3,805	3,477	6,828,536	938	878
40 Woolen cloth.....	517	236	1,840,039	2,444	2,316	4,583	3,067	7,445,826	973	931
Totals, Forty Leading Industries	83,583	29,010	199,102,334	1,768	—	496,236	128,447	790,763,211	1,266	—
Grand Totals, All Industries	117,251	41,693	286,336,861	1,801	1,780	626,825	175,409	978,525,782	1,220	1,084

Average Annual, Weekly and Hourly Earnings.—In comparing earnings by provinces or groups, consideration should be given to the type of industries in each case since the distribution of industries has very definitely a regional significance. In some industries a labour force possessing deftness and speed, in others the ability to exercise muscular strength is necessary; in others again the labour force must exercise craftsmanship or possess a high degree of technical knowledge. Workers in these latter industries naturally command relatively higher wages than those employed in industries whose employees are routine workers.

The ranking of provinces and industries as regards annual earnings is in many cases different to that of weekly or hourly earnings since the factors of number of weeks worked per year and number of hours worked per week enter into the picture. So that, while in general the same observations apply, a close study of the differences between the averages shown in Tables 23 and 24 will be of value to the student.

Comparing 1941 with 1939, average annual earnings of male wage-earners increased by 26 p.c., weekly earnings 25 p.c., and hourly earnings 16 p.c. For female wage-earners the increases were 19, 18 and 13 p.c., respectively.

25.—Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners, 1934-41

Year	Average Earnings			Hours Worked per Week
	Annual	Weekly	Hourly	
MALE				
	\$	\$	\$	No.
1934.....	930	20·31	0·407	49·91
1935.....	966	20·41	0·413	49·41
1936.....	995	20·92	0·423	49·41
1938.....	1,055	21·49	0·454	47·3
1939.....	1,076	22·23	0·462	48·1
1940.....	1,202	24·83	0·488	50·9
1941.....	1,355	27·72	0·538	51·5
FEMALE				
1934.....	539	11·80	0·251	46·91
1935.....	570	12·04	0·259	46·51
1936.....	577	12·20	0·262	46·51
1938.....	594	12·10	0·271	44·6
1939.....	619	12·78	0·283	45·2
1940.....	655	13·52	0·286	47·3
1941.....	736	15·05	0·320	47·1

¹ Estimated on the basis of hours worked by female wage-earners in 1938 and 1939 as compared with those worked by male wage-earners in those years.

26.—Average Annual, Weekly and Hourly Earnings of Wage-Earners, Classified by Sex, Province and Industrial Group, 1941

Province or Industrial Group	Average Earnings			Hours Worked per Week
	Annual	Weekly	Hourly	
MALE				
	\$	\$	Cents	No.
Prince Edward Island.....	645	16.70	32.2	51.9
Nova Scotia.....	1,171	24.42	45.9	53.2
New Brunswick.....	1,104	22.81	42.2	54.0
Quebec.....	1,260	26.14	49.3	53.0
Ontario.....	1,450	29.39	57.2	51.4
Manitoba.....	1,291	26.56	54.3	48.9
Saskatchewan.....	1,136	22.81	43.7	52.2
Alberta.....	1,173	24.32	48.3	50.4
British Columbia.....	1,417	28.99	62.6	46.3
Yukon and Northwest Territories.....	2,081	31.97	58.0	55.1
Canada ¹	1,355	27.72	53.8	51.5
Vegetable products.....	1,150	23.55	45.3	52.0
Animal products.....	1,116	24.71	48.6	50.8
Textiles and textile products.....	1,111	23.74	47.6	49.9
Wood and paper products.....	1,203	24.25	46.2	52.5
Iron and its products.....	1,615	32.01	61.9	51.7
Non-ferrous metal products.....	1,492	31.28	60.4	51.8
Non-metallic mineral products.....	1,384	27.88	55.8	50.0
Chemicals and allied products.....	1,419	28.38	56.6	50.1
Miscellaneous industries.....	1,167	25.41	49.3	51.5
FEMALE				
	\$	\$	Cents	No.
Prince Edward Island.....	352	9.10	18.6	48.8
Nova Scotia.....	566	11.80	23.6	50.1
New Brunswick.....	573	11.84	24.1	49.2
Quebec.....	697	14.46	30.3	47.8
Ontario.....	780	15.82	33.2	47.6
Manitoba.....	684	14.09	30.8	45.8
Saskatchewan.....	687	13.81	29.8	46.4
Alberta.....	716	14.83	32.5	45.6
British Columbia.....	743	15.18	34.3	44.2
Yukon and Northwest Territories.....	1,259	19.33	29.0	66.7
Canada ¹	736	15.05	32.0	47.1
Vegetable products.....	665	13.62	28.6	47.7
Animal products.....	637	14.11	29.7	47.5
Textiles and textile products.....	718	15.33	32.6	47.0
Wood and paper products.....	685	13.79	29.5	46.7
Iron and its products.....	853	16.91	34.7	48.8
Non-ferrous metal products.....	786	16.49	33.4	49.4
Non-metallic mineral products.....	734	14.78	32.1	46.0
Chemicals and allied products.....	820	16.40	34.3	47.8
Miscellaneous industries.....	666	14.51	29.9	48.6

¹ Exclusive of "butter and cheese" and "fish curing and packing" plants.

27.—The Forty Leading Industries Employing the Greatest Numbers of Male Wage-Earners, Ranked According to the Average Annual, Weekly and Hourly Earnings, 1941

(For the rank of these industries as regards the annual employment of wage-earners, see Table 21.)

	Industry	Average Weekly Earnings		Average Hourly Earnings		Average Annual Earnings		Average Hours Worked per Week
		Amount	Rank	Amount	Rank	Amount	Rank	
		\$		Cents		\$		No.
1	Automobiles	40.57	1	89.8	1	1,973	1	45.2
2	Automobile supplies	35.09	2	65.2	8	1,631	9	53.8
3	Bridge and structural steel	34.65	3	65.6	7	1,664	5	52.8
4	Petroleum products	34.27	4	79.9	2	1,731	4	42.9
5	Aircraft	33.74	5	63.2	10	1,634	8	53.4
6	Pulp and paper	33.53	6	63.3	9	1,596	11	53.0
7	Railway rolling-stock	33.19	7	72.8	3	1,617	10	45.6
8	Shipbuilding and repairs	32.09	8	61.2	11	1,511	14	52.4
9	Non-ferrous metal smelting and refining	32.01	9	66.1	5	1,638	7	48.4
10	Electrical apparatus and supplies	31.75	10	58.7	16	1,470	16	54.1
11	Misc. iron and steel products	31.61	11	58.2	18	1,733	3	54.3
12	Machinery	31.50	12	56.5	21	1,588	12	55.8
13	Brass and copper products	31.21	13	59.1	14	1,453	17	52.8
14	Primary iron and steel	29.80	14	57.6	19	1,807	2	51.7
15	Castings, iron	29.68	15	55.3	22	1,502	15	53.7
16	Misc. chemical products	29.57	16	58.4	17	1,435	18	50.6
17	Clothing, women's factory	29.53	17	65.8	6	1,236	28	44.9
18	Printing and publishing	29.52	18	66.8	4	1,578	13	44.2
19	Acids, alkalis and salts	29.10	19	58.9	15	1,644	6	49.4
20	Wire and wire goods	28.67	20	54.2	24	1,382	21	52.9
21	Rubber goods incl. rubber footwear	28.52	21	56.9	20	1,395	20	50.1
22	Slaughtering and meat packing	28.50	22	54.6	23	1,377	22	52.2
23	Hardware and tools	27.78	23	50.1	26	1,422	19	55.4
24	Printing and bookbinding	27.71	24	60.4	12	1,318	24	45.9
25	Clothing, men's factory	27.34	25	59.8	13	1,292	26	45.7
26	Sheet metal products	27.22	26	53.1	25	1,307	25	51.3
27	Heating and cooking apparatus	25.98	27	50.0	27	1,253	27	52.0
28	Furniture	23.97	28	47.4	28	1,058	36	50.6
29	Agricultural implements	23.79	29	47.3	29	1,333	23	50.3
30	Woollen cloth	23.16	30	43.0	33	1,112	30	53.8
31	Silk and artificial silk	22.83	31	44.9	30	1,131	29	50.9
32	Hosiery and knitted goods	22.25	32	43.7	31	1,068	34	50.9
33	Biscuits, confectionery, cocoa, etc.	22.24	33	42.0	36	1,060	35	53.0
34	Aerated and mineral waters	22.12	34	42.4	34	1,106	31	52.2
35	Bread and other bakery products	22.01	35	41.7	37	1,105	32	52.8
36	Cotton yarn and cloth	21.68	36	43.2	32	1,071	33	50.2
37	Fruit and vegetable preparation	21.41	37	40.0	39	883	40	53.4
38	Planing mills, sash and door factories	21.22	38	40.5	38	996	37	52.4
39	Boots and shoes, leather	20.78	39	42.1	35	993	38	49.4
40	Sawmills	19.03	40	34.8	40	923	39	54.7
Averages, Forty Leading Industries		28.31	—	54.9	—	1,404	—	51.6
Averages, All Industries ¹		27.72	—	53.8	—	1,355	—	51.5

¹ Exclusive of "butter and cheese" and "fish canning and packing" plants.

28.—The Forty Leading Industries Employing the Greatest Numbers of Female Wage-Earners, Ranked According to the Average Annual, Weekly and Hourly Earnings, 1941

NOTE.—For the rank of these industries as regards the average annual employment of female wage earners, see Table 22.

Industry	Average Weekly Earnings		Average Hourly Earnings		Average Annual Earnings		Average Hours Worked per Week
	Amount	Rank	Amount	Rank	Amount	Rank	
	\$		Cents		\$		
1 Aircraft.....	23.66	1	46.0	1	1,145	1	51.4
2 Fur goods.....	19.67	2	42.5	2	877	2	46.3
3 Automobile supplies.....	18.75	3	38.5	3	871	3	48.7
4 Slaughtering and meat packing.....	17.53	4	37.1	6	846	4	47.2
5 Clothing, women's factory.....	17.45	5	38.2	4	730	16	45.7
6 Brass and copper products.....	16.99	6	35.3	10	790	8	48.1
7 Clothing contractors, men's.....	16.91	7	37.2	5	687	23	45.5
8 Sheet metal products.....	16.87	8	35.5	8	810	6	47.5
9 Electrical apparatus and supplies.....	16.81	9	33.6	12	778	10	50.0
10 Miscellaneous chemical products.....	16.78	10	34.8	11	814	5	48.2
11 Hats and caps.....	16.38	11	35.8	7	743	14	45.8
12 Rubber goods including rubber footwear.....	16.06	12	35.4	9	785	9	45.4
13 Woollen cloth.....	15.93	13	31.4	18	765	13	50.8
14 Machinery.....	15.70	14	31.9	15	791	7	49.2
15 Cotton yarn and cloth.....	15.62	15	32.1	14	771	11	48.7
16 Hardware and tools.....	14.96	16	30.0	26	766	12	49.9
17 Narrow fabrics, laces, etc.....	14.94	17	28.3	31	681	24	52.8
18 Woollen yarn.....	14.92	18	31.0	22	708	18	48.2
19 Tobacco processing and packing.....	14.92	19	33.0	13	618	35	45.2
20 Jewellery and electro-plated ware.....	14.88	20	30.7	23	690	21	48.4
21 Clothing, men's factory.....	14.73	21	31.7	16	696	20	46.4
22 Miscellaneous paper products.....	14.63	22	31.2	20	700	19	46.9
23 Miscellaneous cotton goods.....	14.47	23	31.2	21	639	31	46.4
24 Glass products.....	14.37	24	31.4	19	732	15	45.8
25 Medicinal and pharmaceutical preparations.....	14.03	25	31.7	17	671	25	44.3
26 Silk and artificial silk.....	13.91	26	30.1	25	689	22	46.2
27 Hosiery and knitted goods.....	13.89	27	29.2	29	666	28	47.5
28 Fruit and vegetable preparations.....	13.87	28	28.2	32	572	39	49.2
29 Miscellaneous leather goods.....	13.81	29	29.4	27	617	36	46.9
30 Boxes and bags, paper.....	13.81	30	28.2	33	668	27	48.9
31 Printing and bookbinding.....	13.47	31	29.4	28	641	30	45.8
32 Gloves and mittens, leather.....	13.27	32	27.9	35	624	32	47.6
33 Miscellaneous iron and steel products.....	13.10	33	27.0	36	717	17	48.6
34 Biscuits, confectionery, cocoa, etc.....	13.01	34	26.9	37	620	34	48.4
35 Miscellaneous food products.....	12.93	35	28.8	30	662	29	44.9
36 Tobacco, cigars and cigarettes.....	12.87	36	28.1	34	621	33	45.8
37 Printing and publishing.....	12.51	37	30.3	24	669	26	41.3
38 Boots and shoes, leather.....	12.47	38	25.3	39	596	37	49.2
39 Corsets.....	11.97	39	26.3	38	568	40	45.6
40 Bread and other bakery products.....	11.55	40	24.9	40	580	38	46.4
Averages, Forty Leading Industries.....	15.04	—	31.5	—	723	—	47.7
Averages, All Industries¹.....	15.05	—	32.0	—	736	—	47.1

¹ Exclusive of "butter and cheese" and "fish curing and packing" plants.

Real Earnings of Employees in Recent Years.—When the index number representing the average yearly wages is divided by the index number of the cost of living, on the same base, a measure of "real" wages is obtained. Index numbers for 1931 to 1941 are given in Table 29. In 1933, the height of the depression, real wages were 88.3 on the 1935-39 base. From then on they rose steadily and stood at 117.2 in 1941, an increase of about 33 p.c.

29.—Average Yearly Earnings, and Index Numbers of Earnings, Cost of Living and Real Wages of Wage-Earners, in Manufacturing Industries, 1931-41

NOTE.—Figures on the 1917 base, with qualifications as to comparability, for 1917 to 1930 are published at p. 421 of the 1939 Canada Year Book.

Year	Wages Paid	Average Wage-Earners	Average Yearly Earnings	Index Numbers (1935-39=100)		
				Average Yearly Earnings	Cost of Living	Real Value of Average Yearly Earnings
	\$	No.	\$			
1931.....	415,277,895	437,140	950	101.9	109.1	93.4
1932.....	322,245,926	381,783	844	90.6	99.0	91.5
1933.....	296,929,878	382,022	777	83.4	94.4	88.3
1934.....	355,090,929	427,717	830	89.1	95.7	93.1
1935.....	399,012,697	458,734	870	93.3	96.2	97.0
1936.....	438,873,377	489,942	896	96.1	98.1	98.0
1937.....	525,743,562	544,624	965	103.5	101.2	102.3
1938.....	498,282,208	521,427	956	102.6	102.2	100.4
1939.....	519,971,819	533,342	975	104.6	101.5	103.1
1940.....	679,273,104	626,484	1,084	116.3	105.6	110.1
1941.....	978,525,782	802,234	1,220	130.9	111.7	117.2

Percentages of Salaries and Wages to Net Value of Products.—Table 30 shows the relation between salaries and wages paid by manufacturers and the total net value of production. Figures of gross production are often used in such calculations, but the values out of which the wages of employees must come in the long run are the values added to the raw materials while they are in the factory. Such added values constitute the real production of the manufacturing plant and are alone available for payment of salaries and wages, interest, rent and taxes, repairs, and all other overhead charges that ordinarily must be met. The percentage declined steadily with the increasing manufacturing production from 1924 to 1929, while from 1931 to 1935 and again in 1938 and 1939, due to decreased industrial activity, the percentage of salaries to value added was abnormally high. It should be borne in mind, however, that salaried employees increased 127.0 p.c. during the period 1924-41 while wage-earners increased but 92.1 p.c. The percentage of wages has fluctuated much less than that of salaries. The number of wage-earning employees may be more rapidly adjusted to the activity of the industry and wage levels likewise may be more readily adjusted to the price levels of the products.

30. —Percentages of Salaries and Wages Paid to the Total Net Values of Manufacturing Production, 1924-41

Year	Value Added by Processes of Manufacture ¹	Salaries Paid	Wages Paid	Percentage		
				of Salaries to Value Added	of Wages to Value Added	of Total Salaries and Wages to Value Added
	\$	\$	\$	p. c.	p. c.	p. c.
1924.....	1,075,458,459	130,344,822	404,122,853	12.1	37.6	49.7
1925.....	1,167,936,726	133,409,498	436,534,944	11.4	37.4	48.8
1926.....	1,305,168,549	142,353,900	483,328,342	10.9	37.0	47.9
1927.....	1,427,649,292	151,419,411	511,285,921	10.6	35.8	46.4
1928.....	1,597,887,676	162,903,007	558,568,627	10.2	35.0	45.2
1929.....	1,755,386,937	175,553,710	601,737,507	10.0	34.3	44.3
1930.....	1,522,737,125	169,992,216	527,563,162	11.2	34.6	45.8
1931.....	1,252,017,248	172,289,095	415,277,895	13.8	33.2	47.0
1932.....	955,960,724	151,355,790	322,245,926	15.8	33.7	49.5
1933.....	919,671,181	139,317,946	296,929,878	15.1	32.3	47.4
1934.....	1,087,301,742	148,760,126	355,090,929	13.7	32.7	46.4
1935.....	1,153,485,104	160,455,080	399,012,697	13.9	34.6	48.5
1936.....	1,289,592,672	173,198,057	438,873,377	13.4	34.0	47.4
1937.....	1,508,924,867	195,983,475	525,743,562	13.0	34.8	47.8
1938.....	1,428,286,778	207,386,381	498,282,208	14.5	34.9	49.4
1939.....	1,531,051,901	217,839,334	519,971,819	14.2	34.0	48.2
1940.....	1,942,471,238	241,599,761	679,273,104	12.0	35.0	47.0
1941.....	2,605,119,788	286,336,861	978,525,782	11.0	37.6	48.6

¹ Equivalent to "net value of products"; see footnote 1, Table 1, p. 7

Subsection 4.—Size of Manufacturing Establishments

The size of the manufacturing establishment is generally measured either by the value of product, or by the number of employees, but each of these methods has its limitations. The latter takes no account of the differences in capital equipment at different times or in various industries and obviously the increased use of machinery, as in the flour-milling industry, may lead to an increase in production concurrently with a decrease in the number of employees. The former measure has to be adjusted for changes in the price level; and, as between industries, it makes those in which the cost of raw materials is relatively high, appear to operate on a larger scale.

Size as measured by Gross Value of Products.—While in 1922 the 420 establishments each producing over \$1,000,000 had an aggregate value of products of \$1,268,056,129 or 51 p.c. of the total production of all manufacturing industries, the 719 establishments producing over \$1,000,000 each in 1929 had an aggregate value of products of \$2,516,064,954, or 62 p.c. of the grand total for all manufacturing establishments—a very significant change in the short period of eight years. In 1931, however, the number of plants with a production of over \$1,000,000 dropped again to 482, their output being valued at \$1,451,658,954 or 53 p.c. of the total. With the increased production resulting from war needs, the number of plants with a production of \$1,000,000 or over jumped to 1,052 in 1941 and their output was about 70 p.c. of the total value of manufactures.

31.—Manufacturing Establishments, Grouped According to Gross Value of Products, with Totals and Average Values of Products in each Class, for Canada, 1929, 1939, 1940 and 1941

Group of Gross Values	1929 ¹			1939 ²		
	Establishments	Total Production	Average per Establishment	Establishments	Total Production	Average per Establishment
	No.	\$	\$	No.	\$	\$
Under \$25,000.....	14,024	105,735,470	7,611	15,623	120,903,054	7,738
\$ 25,000 but under \$ 50,000...	2,802	99,529,725	35,521	2,803	99,558,383	35,519
50,000 " 100,000.....	2,209	156,308,744	70,760	2,215	156,410,769	70,614
100,000 " 200,000.....	1,688	237,532,492	140,718	1,584	225,582,130	142,413
200,000 " 500,000.....	1,519	504,218,217	331,941	1,285	390,626,844	303,990
500,000 " 1,000,000.....	636	443,597,677	697,481	689	436,441,130	676,983
1,000,000 " 5,000,000.....	601	1,217,856,089	2,026,400	520	1,091,293,939	2,098,642
5,000,000 and over.....	118	1,298,198,865	11,001,685	81	923,724,311	11,404,004
Totals and Averages.....	23,597	4,063,987,279	172,225	24,800	3,474,540,560	140,102
	1940			1941		
	Establishments	Total Production	Average per Establishment	Establishments	Total Production	Average per Establishment
	No.	\$	\$	No.	\$	\$
Under \$25,000.....	15,478	130,757,382	8,448	14,663	121,460,112	8,283
\$ 25,000 but under \$ 50,000...	2,954	104,449,542	35,359	3,279	116,296,047	35,467
50,000 " 100,000.....	2,361	168,140,151	71,216	2,639	187,363,631	70,998
100,000 " 200,000.....	1,719	243,427,566	141,610	2,042	290,446,373	142,236
200,000 " 500,000.....	1,512	473,212,862	312,971	1,771	557,268,585	314,663
500,000 " 1,000,000.....	689	484,350,355	702,976	847	588,516,985	694,825
1,000,000 " 5,000,000.....	677	1,376,330,546	2,032,984	854	1,755,739,034	2,055,901
5,000,000 and over.....	123	1,548,504,912	12,589,470	198	2,459,217,357	12,420,290
Totals and Averages.....	25,513	4,529,173,316	177,524	26,293	6,076,308,124	231,103

¹ Includes the production of central electric stations and the dyeing, cleaning and laundry industry
² Exclusive of Yukon and Northwest Territories.

Size of Establishments as Measured by Number of Employees.—In 1923, establishments employing 501 hands or over accounted for 21·4 p.c. of the total number of employees engaged in manufacturing. By 1929 the proportion had increased to 27·3 p.c. of the total, thereby showing the increasing concentration of production into larger units. This tendency, however, was checked by the depression, the percentage having dropped in 1933 to 20·5 p.c. (central electric stations included). With the recovery in production since 1933 the percentage has risen again and in 1941 stood at 38·3 p.c. The same also holds true for all establishments employing 101 hands or over. In 1923 they employed 58·6 p.c. of the total, in 1929, 61·9 p.c., in 1933, 55·7 p.c., and in 1941, 70·0 p.c.

32.—Establishments and Employees in Canadian Manufactures, Grouped According to Number of Employees per Establishment, 1929, 1939, 1940 and 1941

Group	1929 ¹			1939 ²		
	Establishments	Employees	Average per Establishment	Establishments	Employees	Average per Establishment
	No.	No.	No.	No.	No.	No.
Under 5 employees.....	12,273	30,446	2·5	13,002	28,020	2·2
5 to 20 employees.....	6,160	62,310	10·1	6,985	68,151	9·8
21 " 50 ".....	2,531	81,846	32·3	2,330	75,324	32·3
51 " 100 ".....	1,262	90,238	71·5	1,158	81,646	70·5
101 " 200 ".....	745	103,944	139·5	695	97,033	139·7
201 " 500 ".....	444	136,397	307·2	458	139,687	305·0
501 and over.....	182	189,253	1,040·0	172	168,168	977·7
Totals and Averages.....	23,597	694,434	29·4	24,800	658,059	26·5

¹ Includes central electric stations, dyeing, cleaning and laundry establishments.
Yukon and Northwest Territories.

² Exclusive of

32.—Establishments and Employees in Canadian Manufacture, Grouped According to Number of Employees per Establishment, 1929, 1939, 1940 and 1941—concluded

Group	1940			1941		
	Establishments	Employees	Average per Establishment	Establishments	Employees	Average per Establishment
	No.	No.	No.	No.	No.	No.
Under 5 employees.....	13,142	31,788	2.4	12,908	28,885	2.2
5 to 14 employees.....	5,884	48,223	8.2	6,177	50,872	8.2
15 " 49 ".....	3,764	102,274	27.2	3,993	108,735	27.2
50 " 99 ".....	1,234	87,038	70.5	1,436	100,160	69.7
100 " 199 ".....	752	105,607	140.4	863	119,731	138.7
200 " 499 ".....	515	157,021	304.9	612	185,054	302.4
500 and over.....	222	230,303	1,037.4	304	367,741	1,209.7
Totals and Averages...	25,513	762,244	29.9	26,293	961,178	36.6

Size of Establishment in Leading Industries.—Table 33 summarizes the degree of concentration in some of the leading industries of Canada. This concentration is analysed in detail for each of these twenty-five industries in Table 34. Concentration is extremely marked in the case of automobiles, railway rolling-stock, aircraft, cotton yarn and cloth, shipbuilding and repairs, miscellaneous chemical products, non-ferrous metal smelting and refining, and pulp and paper; whereas in the case of bread and other bakery products, women's factory clothing, butter and cheese, and sawmills, the degree of concentration is low. With regard to flour and feed mills, concentration is high in the case of flour mills, but the small size of the average feed mill offsets this for the industry as a whole.

33.—Percentage Importance of Establishments, each Employing 200 or More Persons in the Twenty-Five Leading Industries, 1941

Industry	Number of Such Establishments	Percentage of Total Number in the Industry	Percentage of Total Production in the Industry
1 Non-ferrous metal smelting and refining.....	12	85.7	90.9
2 Pulp and paper.....	58	54.7	90.0
3 Slaughtering and meat packing.....	24	16.4	78.4
4 Automobiles.....	6	60.0	97.8
5 Butter and cheese.....	11	0.5	19.4
6 Electrical apparatus and supplies.....	24	11.4	75.9
7 Primary iron and steel.....	27	45.0	88.7
8 Sawmills.....	38	0.8	27.5
9 Petroleum products.....	7	14.3	67.2
10 Flour and feed mills.....	5	0.4	27.7
11 Cotton, yarn and cloth.....	27	69.2	95.3
12 Automobile supplies.....	22	21.6	83.2
13 Machinery.....	30	12.1	59.9
14 Rubber goods, including rubber footwear.....	18	32.1	89.3
15 Railway rolling-stock.....	22	64.7	97.5
16 Clothing, men's factory.....	37	9.7	50.6
17 Shipbuilding and repairs.....	20	30.8	91.5
18 Brass and copper products.....	15	10.5	71.5
19 Miscellaneous chemical products.....	16	9.6	91.0
20 Sheet metal products.....	23	13.5	69.6
21 Clothing, women's factory.....	15	2.2	18.2
22 Bread and other bakery products.....	13	0.4	18.1
23 Aircraft.....	14	58.3	97.3
24 Castings, iron.....	25	12.3	67.2
25 Hosiery and knitted goods.....	41	22.7	70.2

34.—Principal Statistics of the Twenty-Five Leading Industries of Canada, Grouped According to Number of Employees per Establishment, 1941

NOTE.—For principal statistics of the manufacturing industries in each province by size of establishments, see Table 2 of Part II, p. 71.

Group and Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Non-Ferrous Metal Smelting and Refining—						
50 to 99 employees.....	1	25,015,819	1,454	2,325,661	19,949,595	72,708,531
100 " 199 ".....	1					
200 " 499 ".....	4					
500 and over.....	8	284,947,523	14,560	25,157,028	212,864,572	306,613,739
Totals.....	14	309,963,342	16,014	27,482,689	232,814,167	379,322,270
Pulp and Paper—						
5 to 14 employees.....	3	189,483	40	58,103	63,181	179,796
15 " 49 ".....	16	3,574,016	522	712,109	1,604,734	3,304,394
50 " 99 ".....	13	15,425,412	938	1,438,171	3,684,899	7,003,089
100 " 199 ".....	16	18,057,764	2,200	3,166,158	7,482,388	16,363,445
200 " 499 ".....	26	152,011,834	8,184	14,168,220	29,014,277	76,196,108
500 and over.....	32	489,679,332	25,270	44,135,057	83,587,533	231,382,043
Totals.....	106	678,937,841	37,154	63,677,818	125,437,012	334,428,875
Slaughtering and Meat Packing—						
Under 5 employees.....	22	186,544	51	51,265	1,466,060	1,645,670
5 " 14 ".....	34	1,269,549	400	460,703	6,214,049	7,305,382
15 " 49 ".....	44	4,226,294	873	1,103,341	13,195,914	15,818,468
50 " 99 ".....	13	7,304,463	918	1,143,522	19,267,878	23,021,865
100 " 199 ".....	9	6,052,598	1,265	1,785,117	21,586,577	24,356,061
200 " 499 ".....	15	22,276,111	4,654	6,445,635	64,272,592	76,157,081
500 and over.....	9	52,424,531	8,099	12,264,901	127,576,755	147,935,885
Totals.....	146	93,740,090	16,260	23,254,484	253,579,825	296,240,415
Automobiles—						
50 to 99 employees.....	2	2,486,021	486	856,901	740,417	1,352,152
100 " 199 ".....	2					
200 " 499 ".....	3					
500 and over.....	3	93,003,799	20,938	1,734,802	10,920,502	13,238,115
Totals.....	10	100,507,806	22,401	44,783,064	201,124,930	279,958,339
Butter and Cheese—						
Under 5 employees.....	1,747	11,760,104	4,161	2,227,236	40,610,868	45,834,187
5 to 14 employees.....	487	12,619,923	3,663	3,318,678	43,248,632	52,087,025
15 " 49 ".....	135	12,571,378	3,305	3,601,854	24,544,002	33,084,687
50 " 99 ".....	29	7,900,948	2,073	2,625,297	8,661,786	14,067,585
100 " 199 ".....	15	7,711,665	2,056	2,715,556	7,759,145	13,421,376
200 " 499 ".....	11	15,902,561	3,664	5,302,058	10,786,209	21,728,773
Totals.....	2,427	68,466,579	18,922	19,790,679	135,610,642	180,223,633
Electrical Apparatus and Supplies—						
Under 5 employees.....	30	225,970	73	73,428	105,333	230,542
5 to 14 employees.....	37	1,050,750	305	353,754	806,644	1,608,164
15 " 49 ".....	65	6,947,651	1,769	2,298,168	5,756,259	11,568,805
50 " 99 ".....	29	8,867,916	2,040	2,432,763	5,356,790	11,301,764
100 " 199 ".....	26	17,758,124	3,794	5,164,243	14,373,560	27,027,575
200 " 499 ".....	11	14,178,527	3,265	4,364,503	9,009,642	20,000,570
500 and over.....	13	79,288,270	21,840	32,524,027	42,058,288	106,166,206
Totals.....	211	128,317,208	33,086	47,210,886	77,466,516	177,903,626
Primary Iron and Steel—						
Under 5 employees.....	1	3,280,546	308	435,096	1,446,990	1,608,896
5 to 14 employees.....	1					
15 " 49 ".....	9					
50 " 99 ".....	10	3,475,655	746	1,188,090	3,210,877	4,835,251
100 " 199 ".....	12	6,688,288	1,633	2,254,254	8,332,215	8,618,731
200 " 499 ".....	12	30,475,068	4,035	6,960,423	14,913,329	20,325,176
500 and over.....	15	124,830,787	17,013	34,199,232	50,920,955	129,178,338
Totals.....	60	168,750,344	23,735	45,037,095	78,824,366	164,566,392

34.—Principal Statistics of the Twenty-Five Leading Industries of Canada, Grouped According to Number of Employees per Establishment, 1941—continued

Group and Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Sawmills—						
Under 5 employees.....	3,331	8,843,132	7,580	2,343,628	7,794,301	13,821,126
5 to 14 employees.....	830	8,224,799	6,342	3,795,998	10,072,037	18,400,331
15 " 49 ".....	339	17,286,367	8,576	7,390,691	14,081,338	27,378,528
50 " 99 ".....	87	14,646,653	6,014	6,552,076	12,192,781	24,093,211
100 " 199 ".....	30	12,289,566	4,183	5,240,807	12,665,277	22,739,329
200 " 499 ".....	35	30,785,274	9,748	12,040,138	20,774,755	43,772,852
500 and over.....	3	8,906,215	2,661	4,102,095	6,854,994	13,206,915
Totals.....	4,655	100,982,006	45,104	41,465,433	84,435,483	163,412,292
Petroleum Products—						
Under 5 employees.....	14	450,658	34	42,064	195,765	386,520
5 to 14 employees.....	10	1,132,509	91	126,126	432,709	904,695
15 " 49 ".....	5	1,853,931	137	217,027	3,613,525	4,955,408
50 " 99 ".....	7	9,644,814	522	897,506	11,689,738	16,230,554
100 " 199 ".....	6	26,958,184	989	1,634,632	36,377,996	47,953,173
200 " 499 ".....	5					
500 and over.....	2	42,426,412	3,633	7,409,491	73,672,504	86,205,135
Totals.....	49	82,475,508	5,406	10,326,846	125,982,237	156,635,495
Flour and Feed Mills—						
Under 5 employees.....	999	8,074,204	1,644	1,056,847	23,482,106	28,756,183
5 to 14 employees.....	89	3,774,598	657	657,553	7,456,741	9,439,736
15 " 49 ".....	17	3,163,378	411	543,297	7,829,969	9,190,622
50 " 99 ".....	11	12,723,760	792	1,205,340	16,434,056	21,210,353
100 " 199 ".....	8	14,052,841	1,217	1,680,251	24,096,715	30,002,328
200 " 499 ".....	5	18,152,850	1,807	2,755,041	36,639,414	45,572,415
Totals.....	1,129	59,941,631	6,528	7,898,329	115,939,001	144,171,637
Cotton Yarn and Cloth—						
5 to 14 employees.....	2					
15 " 49 ".....	2	1,576,169	216	316,270	681,125	1,008,437
50 " 99 ".....	1					
100 " 199 ".....	7	3,559,199	1,029	1,095,288	2,652,292	5,049,532
200 " 499 ".....	11	23,757,293	3,981	4,881,049	10,456,698	19,511,045
500 and over.....	16	64,469,766	21,149	20,885,535	55,494,564	102,851,998
Totals.....	39	93,362,427	26,375	27,178,142	69,284,679	128,421,012
Automobile Supplies—						
Under 5 employees.....	15	301,395	48	49,712	38,634	127,491
5 to 14 employees.....	28	863,388	253	329,992	454,820	1,093,165
15 " 49 ".....	16	1,211,714	411	495,276	741,698	1,466,265
50 " 99 ".....	13	3,507,111	878	1,278,910	2,338,561	4,995,928
100 " 199 ".....	8	5,615,993	1,118	1,706,613	5,359,528	9,521,827
200 " 499 ".....	16	21,024,721	5,014	8,315,685	24,106,044	43,278,490
500 and over.....	6	28,659,048	8,416	13,588,084	40,268,400	63,903,701
Totals.....	102	61,183,370	16,138	25,764,272	73,307,685	124,386,867
Machinery—						
Under 5 employees.....	19	179,749	48	42,912	48,014	145,772
5 to 14 employees.....	46	2,533,404	450	678,629	1,075,342	2,672,588
15 " 49 ".....	83	12,330,596	2,344	3,654,252	5,793,748	13,975,707
50 " 99 ".....	46	13,671,181	3,161	4,958,502	6,320,817	16,320,608
100 " 199 ".....	23	14,779,397	3,867	5,177,274	6,221,819	16,211,175
200 " 499 ".....	22	26,298,497	6,239	9,920,589	10,506,173	31,216,927
500 and over.....	8	41,016,572	7,767	13,243,897	14,651,937	43,616,564
Totals.....	247	110,809,396	23,376	37,676,055	44,617,850	124,159,341
Rubber Goods (including rubber footwear)—						
Under 5 employees.....	7	33,936	19	18,976	35,579	58,462
5 to 14 employees.....	10	226,649	79	75,367	88,407	235,639
15 " 49 ".....	6	280,945	166	146,780	221,628	516,880
50 " 99 ".....	8	1,492,455	548	579,847	1,675,101	2,991,511
100 " 199 ".....	7	3,010,105	1,032	983,682	1,651,129	3,907,051
200 " 499 ".....	6	6,078,955	2,343	2,675,520	5,115,151	11,359,136
500 and over.....	12	60,862,495	13,004	18,312,204	50,553,320	100,069,097
Totals.....	56	71,985,540	17,191	22,792,376	59,340,321	119,137,776

34.—Principal Statistics of the Twenty-Five Leading Industries of Canada, Grouped According to Number of Employees per Establishment, 1941—continued

Group and Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Railway Rolling Stock—						
Under 5 employees.....	1	282,544	22	29,854	324,980	424,891
5 to 14 employees.....	3					
15 " 49 ".....	2	2,143,537	220	318,713	608,501	1,199,467
50 " 99 ".....	2					
100 " 199 ".....	4	4,615,316	462	743,834	1,622,612	2,938,444
200 " 499 ".....	6	12,545,861	1,924	2,979,725	4,399,863	7,369,647
500 and over.....	16	94,294,282	25,498	42,054,706	56,354,115	106,147,692
Totals.....	34	113,881,540	28,126	46,126,832	63,310,071	118,080,141
Clothing, Men's Factory—						
Under 5 employees.....	54	1,062,120	152	159,352	1,244,724	2,057,073
5 to 14 employees.....	81	2,907,421	733	765,048	3,373,270	5,580,247
15 " 49 ".....	106	7,991,829	3,215	3,267,781	8,644,013	14,486,384
50 " 99 ".....	54	7,445,304	3,763	3,565,426	8,441,646	13,826,530
100 " 199 ".....	49	12,295,907	6,692	6,435,607	14,545,591	23,971,624
200 " 499 ".....	29	14,910,546	8,629	8,134,330	19,033,371	31,836,921
500 and over.....	8	10,314,265	6,277	7,637,224	15,032,719	24,750,106
Totals.....	381	56,927,392	29,461	29,964,768	70,315,334	116,508,885
Shipbuilding and Repairs—						
Under 5 employees.....	2	352,336	91	117,130	143,672	324,581
5 to 14 employees.....	8					
15 " 49 ".....	19	1,502,613	567	767,455	730,835	2,034,552
50 " 99 ".....	13	1,732,470	847	1,286,376	931,324	3,793,984
100 " 199 ".....	3	970,150	305	497,140	222,114	1,325,236
200 " 499 ".....	6	10,422,348	2,148	2,956,032	2,391,650	10,268,785
500 and over.....	14	71,893,623	17,282	26,717,693	37,052,289	91,579,745
Totals.....	65	86,873,540	21,240	32,341,826	41,471,884	109,326,883
Brass and Copper Products—						
Under 5 employees.....	30	294,080	80	91,819	129,754	316,432
5 to 14 employees.....	33	554,237	268	376,988	485,975	1,193,019
15 " 49 ".....	41	4,427,093	1,096	1,485,250	9,342,836	12,469,376
50 " 99 ".....	13	3,316,591	862	1,250,412	1,850,117	4,506,507
100 " 199 ".....	11	11,371,763	1,448	2,046,591	12,479,905	17,299,283
200 " 499 ".....	8	7,953,821	2,565	3,423,619	4,547,218	11,134,718
500 and over.....	7	29,975,312	6,871	10,885,674	30,574,054	53,669,656
Totals.....	143	57,892,897	13,190	19,560,353	59,409,859	100,588,991
Miscellaneous Chemical Pro- ducts—						
Under 5 employees.....	73	840,328	158	155,153	358,280	883,254
5 to 14 employees.....	37	2,427,641	343	530,509	1,552,598	3,186,697
15 " 49 ".....	27	5,689,311	796	1,132,783	4,448,088	8,523,881
50 " 99 ".....	9	2,244,180	665	678,250	1,576,124	4,160,674
100 " 199 ".....	5	4,220,047	620	834,816	2,375,070	5,029,899
200 " 499 ".....	4	7,372,902	1,136	1,728,099	3,936,664	8,751,818
500 and over.....	12	139,767,061	24,839	31,263,396	30,808,589	69,886,000
Totals.....	167	162,561,470	28,557	36,323,006	45,055,413	100,422,223
Sheet Metal Products—						
Under 5 employees.....	35	368,562	84	83,001	326,778	587,928
5 to 14 employees.....	46	1,216,853	381	406,451	738,812	1,532,255
15 " 49 ".....	41	5,705,843	1,081	1,385,348	3,420,125	6,376,497
50 " 99 ".....	16	4,831,840	1,150	1,588,068	4,215,034	7,320,222
100 " 199 ".....	10	9,335,795	1,486	2,108,562	9,416,170	14,615,668
200 " 499 ".....	16	33,469,319	5,070	6,804,700	24,774,553	40,764,990
500 and over.....	7	19,859,562	4,498	6,137,782	12,284,590	24,181,676
Totals.....	171	74,787,774	13,750	18,513,912	55,176,062	95,379,236
Clothing, Women's Factory—						
Under 5 employees.....	66	626,269	173	180,648	729,748	1,301,852
5 to 14 employees.....	180	3,163,936	1,806	1,767,150	4,232,746	7,266,841
15 " 49 ".....	297	13,188,240	8,301	8,881,736	18,970,340	32,705,331
50 " 99 ".....	79	8,608,829	5,271	5,710,515	12,870,900	21,771,241

34.—Principal Statistics of the Twenty-Five Leading Industries of Canada, Grouped According to Number of Employees per Establishment, 1941—concluded

Group and Industry	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Clothing, Women's Factory— concluded						
100 to 199 employees.....	34	6,608,720	4,533	4,320,456	9,892,010	16,222,270
200 " 499 ".....	14	6,450,348	4,461	3,773,217	8,878,529	14,674,414
500 and over.....	1					
Totals.....	671	38,646,342	24,545	24,663,722	55,574,273	93,941,949
Bread and Other Bakery Pro-ducts—						
Under 5 employees.....	2,018	10,825,508	4,384	3,141,677	7,019,578	13,838,659
5 to 14 employees.....	770	10,105,087	5,717	4,993,650	9,295,507	18,431,279
15 " 49 ".....	176	8,920,325	4,584	5,063,152	8,727,585	17,423,035
50 " 99 ".....	32	4,463,712	2,193	2,627,342	5,090,030	9,890,729
100 " 199 ".....	25	9,918,079	3,577	4,211,487	6,888,978	14,764,262
200 " 499 ".....	10	6,583,890	2,796	3,565,057	4,457,014	10,802,834
500 and over.....	3	2,656,779	1,718	2,317,621	2,694,236	6,965,509
Totals.....	3,034	53,473,380	24,969	25,919,966	44,172,928	92,116,307
Aircraft—						
5 to 14 employees.....	1	644,301	56	99,065	733,135	1,169,243
15 " 49 ".....	2					
50 " 99 ".....	4	468,593	250	289,563	119,912	561,591
100 " 199 ".....	3	2,031,909	407	713,858	489,832	3,218,126
200 " 499 ".....	3	1,829,395	962	1,465,342	473,285	2,467,437
500 and over.....	11	51,916,083	24,986	37,374,189	18,121,320	73,951,513
Totals.....	24	56,890,281	26,661	39,942,017	19,937,484	81,367,910
Castings, iron—						
Under 5 employees.....	41	361,055	115	112,430	84,955	261,431
5 to 14 employees.....	45	1,203,950	403	459,786	304,699	1,030,158
15 " 49 ".....	60	4,081,115	1,704	2,336,262	1,597,831	5,367,570
50 " 99 ".....	21	4,541,840	1,479	2,004,093	1,412,185	5,203,831
100 " 199 ".....	11	5,351,883	1,508	2,194,287	2,067,489	5,805,911
200 " 499 ".....	18	18,798,843	5,571	8,860,263	10,633,128	27,203,378
500 and over.....	7	25,238,106	5,090	8,444,032	15,707,666	32,766,373
Totals.....	203	59,576,792	15,870	24,411,153	31,807,953	77,638,652
Hosiery and Knitted Goods—						
Under 5 employees.....	9	66,007	23	14,148	56,083	87,440
5 to 14 employees.....	17	597,234	175	159,677	416,204	673,987
15 " 49 ".....	60	5,908,435	1,854	1,689,376	4,326,323	7,204,392
50 " 99 ".....	34	5,073,923	2,422	2,178,547	4,241,475	7,993,556
100 " 199 ".....	20	5,757,417	2,780	2,281,337	4,174,533	8,288,380
200 " 499 ".....	33	25,961,110	10,434	9,857,421	16,879,933	34,245,047
500 and over.....	8	15,302,746	6,674	6,243,233	9,033,806	18,629,407
Totals.....	181	58,666,872	24,362	22,423,739	39,128,357	77,122,209

Subsection 5.—Power and Fuel

Power.—Power equipment installed in manufacturing establishments is a very good barometer of the industrial development of Canada, inasmuch as production is increasingly dependent on power equipment. Increases and decreases in productive capacity, measured in horse-power, are not the result of temporary fluctuations in costs and values in the same manner as capital investments, values of products, etc. Of course, power equipment installed is not a measure of the actual utilization of power for there is generally an excess over actual requirements, i.e., over power equipment in operation. Producers must have an installed operating margin in excess of normal requirements to provide for booming business conditions or break-down of part of the plant; in times of depression this margin increases. Then, too, the practice in factories, etc., of installing individual motors to each machine in place of large central motors increases total installed capacity. If spare

or idle machinery could be deducted from total installation over a long period of time, the resultant data would be more informative. Reports of such spare or idle equipment are available, however, only since 1934, and for the seven years 1935-41 the percentage of equipment not in regular use has been approximately the same each year, viz., about 6 p.c. Power equipment figures, unless such deductions can be made over a long term, will not reflect temporary depressions.

Electric motors in the manufacturing industries operated by purchased power are included with primary power equipment and consequently the central electric stations producing the power are not included as manufacturing industries. Electric motors operated by power generated within these industries are not included in Table 35 with the primary power equipment that produces the power to operate them but they are shown separately, together with the total of all electric motors

35.—Power Equipment Installed in the Manufacturing Industries of Canada, 1931-40 with Details by Provinces and Industrial Groups, 1941

Year and Province or Group	Steam Engines and Turbines	Internal Combustion Engines	Hydraulic Turbines and Water Wheels	Total	Electric Motors Operated by Purchased Power	Total Power Equipment	Electric Motors Operated by Power Generated by Establishments Reporting	Total Electric Motors
	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.
Totals, 1931	780,487	73,376	667,546	1,521,409	2,578,523	4,099,932	539,430	3,117,953
Totals, 1932	735,980	68,551	653,204	1,457,735	2,684,923	4,142,658	510,837	3,195,760
Totals, 1933	738,297	76,583	657,683	1,472,563	2,662,445	4,135,008	497,392	3,159,837
Totals, 1934	774,494	87,120	597,675	1,459,289	2,770,383	4,229,672	544,714	3,315,097
Totals, 1935	774,166	88,265	603,717	1,466,148	2,865,340	4,331,488	512,177	3,377,517
Totals, 1936	743,184	92,480	648,489	1,484,153	2,977,714	4,461,867	528,501	3,506,215
Totals, 1937	834,703	98,233	649,557	1,582,493	3,129,790	4,712,282	602,955	3,732,745
Totals, 1938	830,897	111,645	723,377	1,665,919	3,303,804	4,969,723	659,741	3,963,545
Totals, 1939	827,801	121,937	731,390	1,681,188	3,364,099	5,045,287	694,450	4,058,549
Totals, 1940	848,596	132,240	727,051	1,727,887	3,563,048	5,290,935	724,769	4,287,817
PROVINCE								
P. E. Island.....	1,147	1,028	1,210	3,385	2,077	5,462	10	2,087
Nova Scotia.....	59,523	9,482	15,437	84,442	79,880	164,322	46,605	126,485
New Brunswick...	85,580	9,279	27,778	122,637	121,159	243,796	43,716	164,875
Quebec.....	202,577	40,900	320,723	564,200	1,528,892	2,093,092	165,940	1,694,832
Ontario.....	354,070	66,404	248,519	668,993	1,645,839	2,314,832	330,551	1,976,390
Manitoba.....	17,408	5,733	25	23,166	163,111	186,277	4,670	167,781
Saskatchewan.....	17,688	8,997	130	26,815	44,531	71,346	170	44,701
Alberta.....	32,269	13,987	12	46,268	73,105	119,373	5,502	78,607
British Columbia..	146,968	23,591	110,365	280,924	370,340	651,264	142,948	513,288
Yukon and N.W.T.	244	60	-	304	8	312	-	8
Totals, 1941 ...	917,474	179,461	724,199	1,821,134	4,028,942	5,850,076	740,112	4,769,054
INDUSTRIAL GROUP								
Vegetable products	57,746	31,841	28,485	118,072	284,369	402,441	32,204	316,573
Animal products...	26,667	9,767	2,677	39,111	124,806	163,917	3,571	128,377
Textiles and textile products.....	24,232	2,999	24,890	52,121	199,795	251,916	29,456	229,251
Wood and paper products.....	518,851	86,426	598,408	1,203,685	1,568,396	2,772,081	495,984	2,084,380
Iron and its products.....	176,288	31,395	3,531	211,214	752,334	963,548	139,248	891,582
Non-ferrous metal products.....	24,030	1,231	55,525	80,786	592,694	673,480	16,349	609,043
Non-metallic mineral products....	47,995	13,755	21	61,771	224,049	285,820	11,313	235,362
Chemicals and allied products..	38,464	1,831	10,620	50,915	251,831	302,746	11,987	263,818
Miscellaneous industries.....	3,201	216	42	3,459	30,668	34,127	-	30,668

for each year. These totals indicate the rate of growth of electric drive in these industries in Canada, which has increased from 61·3 p.c. of the total power equipment in 1923 to 81·5 p.c. in 1941.

Of the total increase in power equipment employed in manufacturing industries since 1923, over 90 p.c. was in electric motors operated on power purchased from central electric stations. However, some sections of Canada are not well provided with water power and in such sections primary power derived from steam engines or turbines, and internal combustion engines—which include all gasoline engines, gas engines (natural, coal, and producer gas), and compression-ignition engines—has also increased rapidly during the period covered. During the period 1923–41 there was an increase of 24 p.c. in the capacity of water wheels, 66 p.c. in the capacity of steam engines, while the capacity of electric motors and internal combustion engines more than quadrupled during the same period.

In the Provinces of Prince Edward Island, Nova Scotia, New Brunswick, Saskatchewan, and Alberta, primary power produced from fuels is an important factor in power utilization.

Fuel and Electricity.—Fuel is used quite generally throughout the industrial field for the generation of power by means of steam and internal combustion engines. It is also used for the heating of plants, and for providing the heat necessary to some manufacturing processes. The most important industries where heat is applied to the materials to facilitate or accomplish the desired transformation are foundries and machine shops, brick, tile, lime, and cement making, petroleum refining, the glass industry, distilleries, food preparation, rubber goods, etc. Fuel used for such heating purposes, as well as for power, is included in the figures of Table 36. In addition to the electricity used for ordinary power purposes, the figures include also the electricity used for heating boilers in the pulp and paper industry. Consumption of surplus energy in electric boilers increased rapidly during the years preceding the present war.

The figures of the table do not include coke charged to iron-blast furnaces or foundry cupolas. Neither do they include fuels that constitute the raw materials to be transformed as coal in the coke and gas industries and crude petroleum in the refining industry.

The value of fuel consumed increased 91 p.c. from 1924 to 1941. Electricity, on the other hand, has increased during the same period by 283 p.c., although there has been a decline in the average unit cost of electricity as there has been in the case of fuels.

The groups of industries in which fuel was most extensively used in 1941 were: wood and paper products, non-metallic mineral products, iron and its products, and non-ferrous metals.

Quebec is the largest user of electric power, using 47 p.c. of the Dominion total in 1941.

FUEL AND ELECTRICITY USED

67

Year and Province or Group	Bituminous Coal		Anthracite Coal		Lignite Coal	Coke	Fuel Oils	Wood	Gas	Other Fuel	Electricity		Total
	short tons	\$	short tons	\$							\$	\$	
Totals, 1931	5,046,264	27,328,993	130,320	999,358	448,416	1,784,288	5,545,743	1,720,700	4,930,991	1,152,203	37,276,526	81,197,218	
Totals, 1932	3,863,637	20,438,561	136,947	1,002,634	497,154	1,592,416	4,606,527	1,485,066	4,692,700	974,881	34,764,666	70,129,722	
Totals, 1933	3,828,828	20,432,019	145,017	1,033,154	522,626	1,574,425	4,606,527	1,635,689	4,827,310	981,591	33,092,334	66,615,676	
Totals, 1934	3,936,988	21,372,079	166,212	1,166,745	601,520	1,670,877	5,182,216	1,450,553	5,724,229	1,749,086	38,150,061	81,279,888	
Totals, 1935	4,021,956	22,108,876	178,188	1,194,905	684,396	1,921,138	5,182,216	1,421,130	5,707,229	1,773,049	40,480,645	86,577,448	
Totals, 1936	4,065,749	24,570,023	176,863	1,274,078	740,099	1,834,025	6,381,311	1,636,098	6,583,603	1,967,450	43,781,481	88,597,146	
Totals, 1937	4,306,190	31,903,729	178,993	1,253,376	759,600	5,169,524	8,580,369	1,636,098	7,404,919	2,867,421	50,932,810	109,607,848	
Totals, 1938	4,939,684	27,819,673	152,194	1,107,168	692,428	4,483,824	8,580,369	1,614,941	7,351,992	2,803,022	47,900,172	101,916,560	
Totals, 1939	5,155,991	29,130,940	167,465	1,151,278	740,593	4,870,875	8,580,369	1,562,119	7,891,892	3,155,016	50,509,191	107,572,252	
Totals, 1940	6,511,195	39,089,348	171,271	1,347,910	965,229	5,707,070	12,360,737	1,754,791	10,172,976	6,205,343	58,429,262	136,122,662	
PROVINCE													
Prince Edward Island	3,449	28,753	37	543	—	2,486	4,296	7,219	—	8,330	20,426	72,053	
Nova Scotia	413,762	1,970,695	537	8,300	—	149,268	628,899	37,542	1,330,756	274,621	1,375,177	5,775,238	
New Brunswick	447,786	2,647,501	2,015	17,156	8	33,449	157,076	116,028	23,418	283,176	1,623,447	4,902,059	
Quebec	2,522,269	18,456,332	98,389	773,139	23,266	436,938	5,803,776	719,432	2,434,175	2,234,110	33,908,314	64,839,482	
Ontario	3,968,757	25,892,287	69,884	635,089	15,976	4,902,288	8,562,031	570,856	7,186,991	4,201,283	25,821,640	77,788,411	
Manitoba	131,940	1,076,063	8,851	100,815	684,989	26,684	420,112	168,104	183,810	304,228	1,788,617	4,735,392	
Saskatchewan	39,935	283,362	180	1,848	174,768	12,821	339,940	66,179	211,346	200,393	721,569	2,012,226	
Alberta	52,683	214,032	14	1,848	258,552	14,234	64,206	34,900	856,712	258,843	814,703	2,516,387	
British Columbia	229,797	1,203,323	282	3,076	19,651	810,695	1,752,971	173,832	276,851	2,051,427	5,677,606	11,969,432	
Yukon and Northwest Territories	238	3,935	—	—	—	—	260	1,492	—	3,348	3,002	12,037	
Totals, 1941	7,810,278	51,776,363	180,189	1,540,226	1,177,180	6,388,454	17,734,437	1,896,184	12,554,559	9,819,759	71,754,501	174,611,317	
INDUSTRIAL GROUP													
Vegetable products	708,182	4,699,713	49,006	489,214	307,591	455,787	1,114,747	485,814	832,528	2,337,654	4,465,896	15,189,944	
Animal products	358,073	2,532,839	4,075	45,015	375,601	13,651	417,552	500,418	203,706	1,254,130	2,461,354	7,894,266	
Textiles and textile products	563,453	3,987,876	25,994	182,602	6,026	10,066	455,287	39,539	65,877	158,089	4,278,307	9,183,699	
Wood and paper products	2,412,096	16,272,576	27,990	226,600	11,421	24,018	789,370	183,129	180,895	3,300,559	19,078,899	41,968,467	
Iron and its products	1,124,365	6,745,295	49,087	383,487	356,231	574,743	1,205,563	3,734,287	1,215,042	1,215,042	11,855,361	32,061,942	
Non-ferrous metal products	1,078,620	7,433,176	8,725	76,716	22,914	4,007,450	2,626,935	38,698	3,734,287	1,215,042	16,003,970	33,392,361	
Non-metallic mineral products	888,333	5,877,041	6,547	61,698	79,530	1,228,992	3,847,576	6,940,482	6,940,482	619,288	4,638,819	23,725,021	
Chemicals and allied products	643,566	3,988,703	6,685	54,998	17,750	59,474	340,195	62,077	159,867	611,364	6,877,004	12,171,272	
Miscellaneous industries	33,590	239,084	2,080	19,900	106	4,263	37,312	3,231	93,829	63,109	392,891	1,055,745	

¹ Includes gasoline and kerosene.
² Includes fuel and electricity used in smelters for metallurgical purposes.

PART II.—PROVINCIAL AND LOCAL DISTRIBUTION OF MANUFACTURING PRODUCTION

This part of the report is introduced by a general analysis of the concentration of the manufacturing industries in the provinces. In the sections that follow, the principal features of the manufactures of each province are brought out and finally the distribution of manufacturing throughout the principal cities and towns of the Dominion is shown.

Ontario and Quebec are by far the most important manufacturing provinces of Canada. Their combined production in 1941 amounted to \$4,963,000,000 or over 81 p.c. of the gross value of manufactured products of the Dominion. The proximity of Ontario to the coalfields of Pennsylvania, the water power and other varied resources of the two provinces, and their nearness to the larger markets of Canada and the United States have all contributed to the above result.

Table 1 shows the outstanding predominance of Ontario and Quebec in each industrial group. Quebec leads in the manufacture of textiles, but in each of the other groups Ontario has the greater production. The standing of these two provinces is most nearly approached by British Columbia in the case of the wood and paper products group, where the latter province accounts for 16.8 p.c. of the gross production compared with 37.4 p.c. for Ontario and 33.3 p.c. for Quebec; in each of the other groups the positions of Ontario and Quebec lead by a wide margin. In previous reports Table 1 has shown the value of production in each province, by industry. With the establishment of many vital war plants throughout Canada, it is not now possible to publish this detail, and the provincial distribution by groups instead of by industries is now given. In this way the publication of figures relating to individual establishments has, in many cases, been avoided.

1.—Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1941

Province and Group	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Canada—						
Vegetable products.....	5,948	634,728,760	113,753	131,066,093	532,876,217	897,978,448
Animal products.....	4,240	303,657,373	82,131	90,185,037	534,909,242	708,220,447
Textiles and textile products.....	2,104	439,078,775	156,892	159,339,028	367,149,392	666,438,539
Wood and paper products.....	9,420	1,086,022,546	179,967	227,821,739	386,999,813	892,936,114
Iron and its products.....	1,759	1,138,701,669	253,701	408,064,135	715,595,982	1,483,169,765
Non-ferrous metal products.....	579	545,862,427	73,450	108,895,000	406,132,161	726,348,447
Non-metallic mineral products.....	773	325,032,038	28,829	42,376,214	183,140,990	324,289,898
Chemicals and allied products.....	849	358,429,529	54,014	75,634,741	134,924,947	304,400,569
Miscellaneous industries.....	621	73,990,849	18,441	21,480,656	34,818,275	72,525,897
Totals.....	26,293	4,905,503,966	961,178	1,264,862,643	3,296,547,019	6,076,308,124
Prince Edward Island—						
Vegetable products.....	41	569,539	215	139,770	498,382	796,515
Animal products.....	94	727,285	423	203,604	2,023,730	2,504,989
Textiles and textile products.....	1	—	—	—	—	—
Wood and paper products.....	68	746,633	324	216,372	173,612	547,815
Iron and its products.....	6	637,312	85	69,230	198,033	361,596
Non-metallic mineral products.....	1	—	—	—	—	—
Chemical and allied products ²	4	425,600	58	51,907	335,676	438,561
Totals.....	213	3,106,369	1,105	680,883	3,229,433	4,649,476

¹ Less than three establishments.

² Includes textile and non-metallic mineral products.

1.—Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1941—continued

Province and Group	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Nova Scotia—						
Vegetable products.....	179	14,245,965	3,302	3,025,708	12,514,060	20,416,983
Animal products.....	199	6,268,656	2,958	2,345,899	10,044,441	15,850,349
Textiles and textile pro- ducts.....	25	7,467,227	2,609	2,204,340	5,278,326	9,709,325
Wood and paper products.	673	24,553,269	6,168	5,153,867	8,859,455	19,957,915
Iron and its products.....	58	49,173,906	7,794	12,221,679	20,089,089	42,742,111
Non-metallic mineral pro- ducts.....	25	19,485,031	1,335	2,074,766	18,040,248	21,454,897
Chemicals and allied pro- ducts.....	13	3,078,928	339	436,591	1,828,634	3,494,947
Miscellaneous industries..	5	136,809	72	64,489	125,568	246,901
Totals.....	1,177	124,409,791	24,577	27,527,339	76,779,821	133,873,428
New Brunswick—						
Vegetable products.....	160	11,636,853	2,528	2,447,455	16,999,720	23,751,874
Animal products.....	147	6,207,809	1,890	1,446,843	7,089,202	10,369,790
Textiles and textile pro- ducts.....	22	10,854,497	1,924	1,740,157	3,723,565	7,615,145
Wood and paper products	401	48,913,612	8,593	9,480,718	20,610,360	46,625,241
Iron and its products.....	28	14,081,958	3,474	5,212,965	7,902,492	16,667,810
Non-ferrous metal pro- ducts.....	1	—	—	—	—	—
Non-metallic mineral pro- ducts.....	22	1,584,203	261	272,736	393,608	1,405,695
Chemicals and allied pro- ducts.....	7	2,577,890	200	231,775	1,688,962	2,506,078
Miscellaneous industries ² .	4	2,095,977	730	885,758	826,198	2,492,093
Totals.....	791	97,952,799	19,600	21,718,407	59,234,107	111,433,726
Quebec—						
Vegetable products.....	1,670	191,330,043	35,183	37,201,584	143,600,834	247,411,759
Animal products.....	1,709	74,414,160	28,987	27,520,500	126,000,252	172,085,239
Textiles and textile pro- ducts.....	1,044	210,355,632	84,401	82,651,192	199,560,091	359,323,559
Wood and paper products.	3,177	450,836,470	55,579	67,375,884	124,819,314	297,594,135
Iron and its products.....	349	271,648,151	62,183	96,311,001	118,597,574	291,673,076
Non-ferrous metal pro- ducts.....	130	225,927,092	22,054	31,240,065	131,526,930	243,712,826
Non-metallic mineral pro- ducts.....	172	93,302,152	7,383	10,417,402	53,072,764	90,549,465
Chemicals and allied pro- ducts.....	275	167,502,850	26,784	35,679,217	54,932,208	120,569,492
Miscellaneous industries..	185	15,210,855	5,037	5,422,826	9,052,242	18,168,972
Totals.....	8,711	1,700,527,405	327,591	393,819,671	961,162,209	1,841,088,523
Ontario—						
Vegetable products.....	2,590	312,371,894	56,964	70,408,717	268,136,197	463,261,689
Animal products.....	1,497	137,788,834	31,272	37,531,079	215,129,996	284,462,887
Textiles and textile pro- ducts.....	839	195,071,954	61,821	67,069,131	140,235,061	262,018,982
Wood and paper products.	2,819	383,859,968	67,272	90,963,453	147,797,712	334,248,664
Iron and its products.....	966	703,181,119	155,830	257,006,519	517,722,020	1,012,490,163
Non-ferrous metal pro- ducts.....	380	268,062,919	46,108	68,745,323	230,103,619	418,392,444
Non-metallic mineral pro- ducts.....	384	146,061,501	15,437	23,211,335	76,664,526	151,156,954
Chemicals and allied pro- ducts.....	444	140,437,946	22,083	32,205,689	66,005,344	150,534,865
Miscellaneous industries..	331	49,952,749	11,443	13,581,032	22,117,741	45,189,920
Totals.....	10,250	2,336,788,884	468,230	660,722,278	1,683,912,216	3,121,756,568

¹ Less than three establishments.

² Includes non-ferrous metal products.

1.—Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1941—concluded

Province and Group	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Manitoba—						
Vegetable products.....	268	27,458,177	4,320	4,924,826	21,567,413	35,139,405
Animal products.....	183	21,006,011	5,035	6,589,824	56,692,602	69,749,265
Textiles and textile pro- ducts.....	83	8,984,402	3,891	3,496,828	12,208,614	17,632,690
Wood and paper products	435	27,714,002	5,728	6,883,840	8,721,775	22,516,555
Iron and its products.....	79	32,108,116	8,693	13,026,046	13,283,622	33,314,891
Non-ferrous metal pro- ducts.....	25	8,061,200	674	988,060	10,671,173	12,954,560
Non-metallic mineral pro- ducts.....	41	15,618,680	849	1,032,705	3,314,358	7,098,305
Chemicals and allied pro- ducts.....	36	19,212,321	2,358	3,072,714	4,087,522	9,696,105
Miscellaneous industries..	34	3,326,562	714	879,424	1,783,744	3,432,975
Totals.....	1,184	163,489,471	32,262	40,894,267	132,330,823	211,534,751
Saskatchewan—						
Vegetable products.....	217	13,164,339	1,747	2,115,240	14,929,989	22,539,025
Animal products.....	93	7,702,785	2,221	2,873,605	25,772,262	32,135,726
Textiles and textile pro- ducts.....	4	319,453	46	44,727	774,883	960,027
Wood and paper products	555	5,861,937	2,961	2,489,148	2,572,274	7,639,254
Iron and its products.....	29	3,137,552	658	912,582	4,646,494	6,671,087
Non-ferrous metal pro- ducts.....	1	—	—	—	—	—
Non-metallic mineral pro- ducts.....	30	7,129,025	615	1,088,557	9,739,173	15,097,977
Chemicals and allied pro- ducts.....	8	455,595	61	83,908	135,257	403,489
Miscellaneous industries ² .	9	4,388,052	237	372,207	7,265,976	10,574,390
Totals.....	945	42,158,738	8,546	9,979,974	65,836,308	96,020,975
Alberta—						
Vegetable products.....	327	26,134,301	3,156	3,724,634	20,630,127	33,809,992
Animal products.....	152	17,608,727	4,053	5,280,935	51,663,180	62,791,413
Textiles and textile pro- ducts.....	24	1,681,395	748	716,923	1,548,342	2,790,515
Wood and paper products	464	10,893,322	4,535	4,436,521	5,801,952	13,981,714
Iron and its products.....	62	11,652,227	2,214	3,302,052	3,258,969	7,568,862
Non-ferrous metal pro- ducts.....	6	445,039	73	91,386	267,938	493,834
Non-metallic mineral pro- ducts.....	43	17,474,085	1,545	2,103,419	10,223,768	19,213,240
Chemicals and allied pro- ducts.....	17	9,229,516	233	240,557	423,395	1,072,222
Miscellaneous industries..	13	557,706	204	255,278	359,216	929,701
Totals.....	1,108	95,676,318	16,761	20,151,705	94,176,887	142,651,493
British Columbia—						
Vegetable products.....	495	37,813,758	6,337	7,077,809	33,996,593	50,845,206
Animal products.....	166	31,933,106	5,292	6,392,748	40,493,577	58,270,789
Textiles and textile pro- ducts.....	61	4,247,708	1,423	1,895,629	3,669,337	6,177,942
Wood and paper products	823	132,570,283	28,788	40,808,174	67,633,633	149,784,048
Iron and its products.....	181	52,851,970	12,740	19,923,632	29,846,826	71,542,924
Non-ferrous metal pro- ducts.....	35	38,184,120	3,843	6,956,972	25,993,425	39,204,986
Non-metallic mineral pro- ducts.....	54	23,876,268	1,389	2,149,032	11,620,607	18,125,227
Chemicals and allied pro- ducts.....	48	15,631,770	1,934	3,659,896	5,645,472	15,927,185
Miscellaneous industries..	42	3,500,196	701	892,586	856,268	3,079,500
Totals.....	1,905	340,609,179	62,447	89,256,478	219,755,738	412,957,807
Yukon and N.W.T.—						
Vegetable products.....	1					
Wood and paper products	5					
Iron and its products.....	1	785,012	59	111,641	129,477	341,377
Non-metallic mineral pro- ducts.....	1					
Miscellaneous industries..	1					
Totals.....	9	785,012	59	111,641	129,477	341,377

¹ Less than three establishments.² Includes non-ferrous metal products.

Table 2 analyses the principal manufacturing statistics in each province, by size of establishment. Ontario with 155 plants employing 500 or more persons had the largest number of such establishments of any province. Quebec was second with 112 and British Columbia third with 15. The degree of concentration of manufacturing production in large units is illustrated in the statement below. In the province of Quebec, 43.5 p.c. of all persons engaged in manufacturing were employed in establishments having 500 or more employees, as compared with 38.3 p.c. for Canada as a whole. In Ontario this percentage was 39.9, in British Columbia 27.9, New Brunswick 27.7, Manitoba 25.8, Nova Scotia 20.5, and Alberta 11.8. Prince Edward Island and Saskatchewan had no establishments employing over 500 persons.

CONCENTRATION OF MANUFACTURING PRODUCTION IN EACH PROVINCE, 1941

Province	Number of Establishments Employing 500 or More Persons	Percentage of Total Number of Establishments in Province	Provincial Percentage of Number of Employees Accounted for by these Establishments
Prince Edward Island.....	—	—	—
Nova Scotia.....	5	0.4	20.5
New Brunswick.....	7	0.9	27.7
Quebec.....	112	1.3	43.5
Ontario.....	155	1.5	39.9
Manitoba.....	7	0.6	25.8
Saskatchewan.....	—	—	—
Alberta.....	3	0.3	11.8
British Columbia.....	15	0.8	27.9
CANADA.....	304	1.2	38.3

2.—Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Number of Employees per Establishment, 1941

Province and Group	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Canada—						
Under 5 employees...	12,908	78,840,854	28,885	24,408,600	88,682,378	142,214,750
5 to 14 employees...	6,177	155,450,903	50,872	49,484,688	154,994,905	261,834,422
15 " 49 "	3,993	388,004,590	108,735	124,709,633	346,064,055	587,983,013
50 " 99 "	1,436	423,531,710	100,160	120,343,226	318,717,742	574,023,504
100 " 199 "	863	595,098,733	119,731	148,838,732	425,268,726	763,535,385
200 " 499 "	612	987,984,476	185,054	247,210,683	651,920,334	1,261,309,776
500 or over.....	304	2,276,592,700	367,741	549,867,081	1,310,898,879	2,485,407,265
Totals.....	26,293	4,905,503,966	961,178	1,264,862,643	3,296,547,019	6,076,308,124
Prince Edward Island—						
Under 5 employees...	153	594,480	323	122,005	1,163,695	1,513,675
5 to 14 employees...	41	697,487	301	171,897	600,586	1,003,272
15 " 49 "	1	1,814,402	481	386,981	1,465,152	2,132,529
50 " 99 "	1					
Totals.....	213	3,106,369	1,105	680,883	3,229,433	4,649,476

2.—Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Number of Employees per Establishment, 1941—continued

Province and Group	Estab-lish-ments	Capital	Em-employees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Nova Scotia—						
Under 5 employees...	622	2,170,564	1,415	628,503	2,359,865	3,802,800
5 to 14 employees...	319	4,613,654	2,553	1,801,020	5,441,915	9,470,697
15 " 49 "	150	10,428,324	3,990	3,539,564	8,393,797	15,985,817
50 " 99 "	42	11,427,696	2,914	3,048,288	6,502,133	13,385,404
100 " 199 "	23	11,829,556	3,235	3,603,449	5,981,127	12,134,916
200 " 499 "	16	55,651,450	5,434	6,977,966	36,160,364	45,587,870
500 or over.....	5	28,288,547	5,036	7,928,549	11,940,620	33,505,924
Totals.....	1,177	124,409,791	24,577	27,527,339	76,779,821	133,873,428
New Brunswick—						
Under 5 employees...	384	1,853,777	911	455,195	1,811,765	2,887,242
5 to 14 employees...	230	3,392,394	1,838	1,264,222	4,188,983	7,188,000
15 " 49 "	106	8,847,856	2,603	2,236,409	7,505,750	12,687,100
50 " 99 "	33	8,672,307	2,304	2,279,402	6,912,488	11,141,307
100 " 199 "	15	6,297,573	1,837	1,812,102	6,272,855	9,968,381
200 " 499 "	16	20,659,006	4,683	5,463,812	17,564,290	31,389,740
500 or over.....	7	48,229,886	5,424	8,207,265	14,977,976	36,171,956
Totals.....	791	97,952,799	19,600	21,718,407	59,234,107	111,433,726
Quebec—						
Under 5 employees...	4,665	27,631,190	10,523	6,052,899	25,664,095	49,027,952
5 to 14 employees...	1,829	42,667,698	15,153	13,581,631	42,322,738	71,036,706
15 " 49 "	1,196	102,461,514	33,179	34,746,614	106,752,441	157,035,986
50 " 99 "	445	115,698,961	30,884	33,739,353	80,750,087	147,320,408
100 " 199 "	273	156,663,771	37,850	42,540,958	138,369,530	241,706,391
200 " 499 "	191	298,432,593	57,479	68,277,825	159,715,679	361,513,381
500 or over.....	112	956,971,678	142,523	194,880,391	407,587,639	813,447,699
Totals.....	8,711	1,700,527,405	327,591	393,819,671	961,162,209	1,841,088,523
Ontario—						
Under 5 employees...	4,442	31,208,646	9,930	13,195,460	44,378,102	62,642,832
5 to 14 employees...	2,460	68,061,629	20,202	21,656,452	64,005,063	111,340,632
15 " 49 "	1,787	185,491,063	48,831	60,108,790	154,493,873	281,030,079
50 " 99 "	661	204,208,907	46,658	59,161,275	145,803,251	272,836,405
100 " 199 "	422	306,214,997	58,573	76,922,061	192,551,941	362,745,850
200 " 499 "	323	477,901,362	97,024	135,506,372	318,712,231	618,003,392
500 or over.....	155	1,663,702,280	187,012	294,177,868	763,967,755	1,413,157,378
Totals.....	10,250	2,336,788,884	468,230	660,722,278	1,683,912,216	3,121,756,568
Manitoba—						
Under 5 employees...	564	3,429,770	1,292	850,659	3,452,837	5,475,904
5 to 14 employees...	311	8,634,208	2,565	2,517,297	10,923,729	16,416,707
15 " 49 "	177	19,310,774	4,845	5,489,761	14,985,921	27,049,114
50 " 99 "	68	22,395,345	4,531	5,289,926	19,766,356	31,504,095
100 " 199 "	42	33,285,115	6,090	7,551,588	21,438,005	34,890,008
200 " 499 "	15	34,803,830	4,616	6,857,917	24,045,858	43,115,230
500 or over.....	7	41,630,429	8,323	12,337,119	37,718,117	53,083,693
Totals.....	1,184	163,489,471	32,262	40,894,267	132,330,823	211,534,751
Saskatchewan—						
Under 5 employees...	644	3,004,898	1,282	695,940	2,027,868	3,745,402
5 to 14 employees...	205	5,304,271	1,563	1,458,708	7,797,692	11,462,980
15 " 49 "	64	8,327,165	1,775	2,128,757	7,648,088	13,175,249
50 " 99 "	18	6,466,216	1,184	1,589,855	9,551,485	15,056,290
100 " 199 "	9	12,204,860	1,328	1,924,632	16,633,330	24,710,941
200 " 499 "	5	6,851,328	1,414	2,182,082	22,177,845	27,870,113
Totals.....	945	42,158,738	8,546	9,979,974	65,836,308	96,020,975
Alberta—						
Under 5 employees...	656	3,683,401	1,422	972,087	4,527,744	6,866,790
5 to 14 employees...	263	6,554,441	2,123	2,147,032	8,221,497	12,614,003
15 " 49 "	120	15,848,609	3,153	3,688,498	8,940,617	16,707,556
50 " 99 "	38	15,592,622	2,669	3,362,123	15,474,672	24,706,439
100 " 199 "	17	24,652,727	2,182	2,713,577	7,997,390	15,942,353
200 " 499 "	11	19,584,232	3,228	4,333,465	29,741,858	42,499,230
500 or over.....	3	9,760,226	1,984	2,934,923	19,273,109	23,315,122
Totals.....	1,108	95,676,318	16,761	20,151,705	94,176,887	142,651,493

2.—Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Number of Employees per Establishment, 1941—concluded

Province and Group	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
British Columbia—						
Under 5 employees...	772	5,198,937	1,775	1,425,490	3,287,161	6,221,547
5 to 14 employees...	517	15,034,658	4,557	4,863,579	11,423,334	21,127,908
15 " 49 "	374	35,398,810	9,899	12,353,928	36,375,755	62,669,129
50 " 99 "	130	38,916,311	8,965	11,824,906	33,409,068	57,446,365
100 " 199 "	62	43,950,134	8,636	11,770,365	36,024,548	61,436,545
200 " 499 "	35	74,100,675	11,176	17,617,244	43,802,209	91,330,820
500 or over.....	15	128,009,654	17,439	29,400,966	55,433,663	112,725,493
Totals.....	1,905	340,609,179	62,447	89,256,478	219,765,738	412,957,807
Yukon and N.W.T.—						
Under 5 employees...	6	65,191	12	10,362	9,246	30,615
5 to 14 "	2	719,821	47	101,279	120,231	310,762
15 " 49 "	1					
Totals.....	9	785,012	59	111,641	129,477	341,377

Section 1.—The Manufactures of the Maritime Provinces, 1941

In Prince Edward Island the predominant agricultural and fishery resources make butter and cheese, fish curing and packing, and slaughtering and meat packing the leading manufactures of the Province. Printing and publishing is also an important industry in this Province. Nova Scotia is renowned for its coal mines and its fisheries, but it has also extensive forests and agricultural lands and is favoured with easy access by sea to the high-grade iron-ore supply of Newfoundland. On these resources are based the leading manufactures of primary iron and steel, fish-curing and packing, shipbuilding and repairs, sawmills, pulp and paper, and butter and cheese. The forests of New Brunswick give a leading place to its pulp and paper and sawmilling industries, although manufactures of fish and agricultural products add to the varied output of the Province.

3.—Statistics of the Leading Industries of the Maritime Provinces, 1941

Industry	Estab- lish- ments	Capital	Em- ploy- ees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
PRINCE EDWARD ISLAND						
	No.	\$	No.	\$	\$	\$
1 Butter and cheese.....	29	419,940	129	86,327	1,019,732	1,226,211
2 Fish curing and packing.....	63	141,100	237	62,314	450,648	639,233
3 Printing and publishing.....	4	239,173	110	92,837	28,795	195,068
4 Fruit and vegetable preparations..	5	96,801	64	24,413	133,525	190,834
5 Bread and other bakery products..	13	114,465	52	31,423	97,987	176,291
6 Starch and glucose.....	4	98,767	21	17,979	107,149	154,490
7 Sawmills.....	53	122,098	99	24,367	60,370	130,977
8 Planing mills.....	3	171,515	44	51,008	44,488	103,987
9 Castings, iron.....	3	327,367	47	40,649	29,984	102,145
10 All other leading industries ²	4	715,003	109	98,511	1,029,462	1,233,119
Totals, Leading Industries...	181	2,446,234	912	529,828	3,002,140	4,152,355
Totals, All Industries.....	213	3,106,369	1,105	680,883	3,229,433	4,649,476

For footnotes, see end of Table, page 74.

3.—Statistics of the Leading Industries of the Maritime Provinces, 1941—concluded

Industry	Estab- lish- ments	Capital	Em- ploy- ees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
NOVA SCOTIA						
	No.	\$	No.	\$	\$	\$
1 Primary iron and steel.....	6	26,615,501	3,257	5,504,542	14,161,236	24,403,239
2 Fish curing and packing.....	152	4,059,017	2,279	1,633,727	6,143,910	10,075,085
3 Shipbuilding and repairs.....	14	7,433,459	2,150	3,388,348	2,347,103	8,475,299
4 Sawmills.....	490	3,140,559	2,659	1,304,605	3,542,085	6,291,112
5 Pulp and paper.....	5	14,895,927	833	1,409,330	2,237,304	6,209,610
6 Butter and cheese.....	28	1,553,097	439	493,204	3,059,264	4,471,065
7 Biscuits, confectionery, cocoa, etc.	6	2,627,547	1,079	967,194	1,987,031	3,848,515
8 Bread and other bakery products.	94	1,208,127	684	656,194	1,724,104	3,172,294
9 Hosiery and knitted goods.....	3	2,428,189	940	740,845	1,509,945	2,890,409
10 Clothing, men's factory.....	7	834,505	662	450,277	1,567,754	2,324,090
11 Printing and publishing.....	35	1,504,341	772	878,012	391,423	2,162,109
12 Fruit and vegetable preparations..	21	990,669	695	441,584	1,195,201	2,071,743
13 All other leading industries ²	6	28,772,712	1,891	2,849,663	23,661,270	31,918,383
Totals, Leading Industries...	867	96,063,650	18,340	20,717,525	63,527,630	108,312,953
Totals, All Industries.....	1,177	124,409,791	24,577	27,527,339	76,779,821	133,873,428
NEW BRUNSWICK						
	No.	\$	No.	\$	\$	\$
1 Pulp and paper.....	6	37,665,234	2,914	4,867,097	11,035,449	28,613,150
2 Sawmills.....	292	5,147,551	3,763	2,618,311	6,304,626	11,235,582
3 Foods, miscellaneous.....	7	3,021,644	309	360,360	4,548,292	5,705,804
4 Cotton yarn and cloth.....	3	9,612,833	1,167	1,152,284	2,351,229	5,128,437
5 Fish curing and packing.....	95	3,661,384	1,043	606,748	2,666,437	4,165,168
6 Butter and cheese.....	35	1,227,685	312	280,915	2,051,098	2,917,059
7 Biscuits, confectionery, cocoa, etc.	6	1,572,584	728	598,278	1,298,379	2,463,001
8 Slaughtering and meat packing...	4	703,675	245	317,885	1,879,460	2,450,837
9 Heating and cooking apparatus...	3	1,448,481	582	710,760	739,611	2,323,270
10 Bread and other bakery products.	80	1,114,754	583	505,831	1,289,815	2,288,445
11 Planing mills, sash and door factories.....	19	1,523,593	652	649,094	1,176,817	2,155,442
12 All other leading industries ²	4	13,397,615	2,427	3,850,406	12,232,924	19,330,654
Totals, Leading Industries...	554	80,097,033	14,725	16,517,969	47,574,137	88,776,849
Totals, All Industries.....	791	97,952,799	19,600	21,718,407	59,234,107	111,433,726

¹ Net value is derived from gross value by deducting cost of materials, fuel, and electricity.

² Individual statistics cannot be given because there are fewer than three establishments in each industry. Such industries are: in Prince Edward Island, cotton and jute bags, slaughtering and meat packing, fertilizers, and sheet-metal products; in Nova Scotia, sugar refineries, cotton yarn and cloth, wire and wire goods, coke and gas, and petroleum products; in New Brunswick, sugar refineries, railway rolling-stock, and shipbuilding.

Section 2.—The Manufactures of Quebec, 1941

Among the assets of Quebec that have tended to develop manufacturing industries in the Province may be mentioned its natural resources of forests, water powers, minerals, and agricultural lands, and also its geographic position astride the St. Lawrence estuary permitting sea-going shipping to reach its main centres of population. Added to these natural advantages, there is a stable and industrious population, which is an important factor in industries such as textiles, clothing, boots and shoes, etc., where a large labour force is required.

The most notable change among the manufactures of Quebec in recent years has been the development of the non-ferrous metal smelting industry. This industry first appeared among the forty leading industries of the Province in nineteenth place in 1927; it has been in second place since 1935. The petroleum-refining industry has also expanded and risen in importance during the same period; it was in twenty-sixth place in 1927 and eleventh in 1941.

Quebec with about 30 p.c. of the Dominion output is the second largest manufacturing province. The production of pulp and paper is the dominant industry. In addition to supplying about 9 p.c. of the gross value of Quebec manufactures, it furnishes about 50 p.c. of the Dominion total for this industry. The value of tobacco products forms approximately 87 p.c., cotton yarn and cloth 72 p.c., women's factory clothing, 68 p.c., leather boots and shoes 61 p.c., men's factory clothing 58 p.c., and railway rolling stock 47 p.c. of the Dominion totals of these products. The Province of Quebec is thus an outstanding manufacturing province rather on account of her large individual industries than because of the diversification of her industrial activities.

4.—Statistics of the Leading Industries of the Province of Quebec, 1941

Industry	Estab- lish- ments	Capital	Em- ploy- ees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$
1 Pulp and paper.....	47	359,437,012	18,670	30,580,539	63,057,485	166,578,687
2 Non-ferrous metal smelting and refining.....	4	159,710,988	5,502	8,344,710	81,438,892	150,281,059
3 Cotton yarn and cloth.....	15	51,456,142	18,031	18,298,177	52,285,808	92,823,043
4 Clothing, men's factory.....	216	31,611,786	15,684	15,542,983	41,473,937	67,353,152
5 Clothing, women's factory.....	382	25,923,550	16,469	15,870,045	38,530,342	64,366,368
6 Miscellaneous chemical products.....	55	106,850,254	19,049	24,096,162	24,862,656	60,140,852
7 Railway rolling stock.....	9	48,747,009	13,850	23,179,593	28,960,669	55,346,274
8 Slaughtering and meat packing.....	29	13,890,394	2,678	3,494,020	43,152,194	49,764,770
9 Tobacco, cigars and cigarettes.....	54	56,984,341	7,929	7,621,451	22,692,886	46,918,972
10 Butter and cheese.....	1,120	18,059,488	5,458	4,357,071	36,828,220	46,175,003
11 Petroleum products.....	7	26,656,036	1,142	2,192,092	37,820,739	44,455,163
12 Electrical apparatus and supplies.....	29	34,827,334	9,262	12,977,550	18,034,131	40,600,754
13 Brass and copper products.....	36	23,159,454	4,710	6,947,327	23,783,386	38,651,457
14 Shipbuilding.....	10	37,879,878	7,380	10,062,681	18,107,428	38,292,265
15 Boots and shoes, leather.....	124	18,061,896	12,130	10,705,656	19,965,830	34,830,992
16 Machinery.....	41	33,259,413	6,660	10,832,927	14,514,751	32,668,872
17 Aircraft.....	6	16,405,056	9,626	15,610,564	8,080,841	30,893,500
18 Sawmills.....	1,829	17,781,350	10,063	6,108,758	17,063,772	30,000,903
19 Silk and artificial silk.....	22	27,819,663	7,287	7,617,203	12,601,666	29,788,071
20 Hosiery and knitted goods.....	64	19,556,242	9,426	8,028,778	14,334,185	28,003,408
21 Bread and other bakery products.....	992	13,812,438	6,749	6,539,812	11,730,878	24,308,222
22 Breweries.....	8	27,976,115	2,196	3,786,515	13,843,348	23,562,333
23 Bridge and structural steel.....	5	11,086,831	2,646	4,886,811	6,859,522	22,543,780
24 Primary iron and steel.....	16	24,412,005	4,907	7,596,337	9,485,453	22,538,137
25 Rubber goods including rubber footwear.....	17	10,564,111	4,891	4,776,985	9,822,280	21,620,263
26 Foods, miscellaneous.....	68	12,310,772	1,457	1,791,006	13,447,416	20,878,573
27 Biscuits, confectionery, cocoa, etc.....	54	11,489,826	3,721	3,596,931	11,044,423	19,764,445
28 Sheet metal products.....	32	18,143,611	3,203	4,077,750	10,865,174	19,081,193
29 Hardware and tools.....	34	13,480,482	2,955	4,043,349	4,372,291	16,916,933
30 Aerated and mineral waters.....	163	10,663,648	2,255	2,604,835	5,809,866	16,619,160
31 Printing and publishing.....	74	13,392,143	4,740	6,843,807	3,970,166	16,490,564
32 Paints, pigments and varnishes.....	26	15,015,803	1,594	2,872,290	9,090,717	16,305,885
33 Castings, iron.....	50	18,019,385	3,326	4,842,127	6,766,925	15,966,696
34 Flour and feed mills.....	184	6,549,214	888	1,205,582	13,019,259	15,927,640
35 Acids, alkalies and salts.....	9	20,149,969	2,161	3,584,759	7,998,726	14,542,579
36 Medicinal and pharmaceutical pre- parations.....	68	11,672,573	2,028	2,801,499	5,805,970	14,190,260
37 Miscellaneous textiles.....	10	11,669,429	1,403	1,976,120	6,919,657	13,431,367
38 Furniture.....	91	8,931,573	3,827	4,203,341	5,564,603	13,013,540
39 Mis. iron and steel products.....	47	28,644,917	2,939	4,367,230	5,664,015	12,986,101
40 Fur goods.....	159	8,088,242	2,057	2,606,946	9,078,075	12,821,676
Totals, Forty Leading Indus- tries².....	6,206	1,424,150,373	260,949	321,172,319	785,692,982	1,501,443,012
Totals, All Industries.....	8,711	1,700,527,405	327,591	393,819,671	961,162,209	1,841,088,523
Percentage of forty leading indus- tries to totals of all industries in the Province.....	71.2	83.7	79.7	81.6	81.7	81.6

¹ See footnote 1 to Table 1, p. 7.

² Statistics for sugar refining, which is also one of the leading industries of this province, cannot be published, since there are less than three establishments reporting.

Section 3.—The Manufactures of Ontario, 1941

The gross value of the manufactured products of Ontario in 1941 represented about 51 p.c. of the total for the whole Dominion, while that of Quebec amounted to about 30 p.c. This premier position in manufacturing has been fairly uniformly maintained by Ontario, as the following percentages show: 1926, 52 p.c.; 1918, 53 p.c.; 1910, 50 p.c., 1900, 50 p.c.; 1890, 51 p.c.; and 1880, 51 p.c. In spite of the rapid industrial development in recent years in other provinces, such as Quebec, British Columbia and Manitoba, Ontario is maintaining a manufacturing production roughly equal to that of the remainder of the Dominion.

The geographic position of Ontario on the Great Lakes waterway system, by means of which the iron ore of Minnesota and the coal of Pennsylvania are readily accessible; the wide range of natural resources of forests, minerals, water powers, and agriculture; a large population and excellent water and rail transportation facilities to other parts of the country, have all encouraged industrial development. Other factors have been proximity to one of the most densely populated sections of the United States and the establishment within the Province of branch factories of United States industries, as in automobile manufacturing.

Industries producing capital or durable goods, which constitute an important factor in the manufactures of Ontario, were particularly hard hit during the early years of the depression preceding the present war. Thus, production was disproportionately curtailed in such important industries as automobiles, electrical equipment, machinery, agricultural implements, primary iron and steel, etc. This resulted in a lowering of the manufacturing production of the whole Province relatively to that of other provinces less affected by these influences. With the recovery since 1933 and the expansion in production resulting from the present war these industries in general have made good recovery, and Ontario, which accounted for 49 p.c. of the gross value of all products manufactured in the Dominion in 1933, had by 1941 increased the relative value to 51.4 p.c.

Ontario also has the greatest diversification of manufacturing production of any province. Outstanding among the industries in which this province is pre-eminent are those of automobiles, agricultural implements and starch manufacture which are carried on practically in this province alone. Other important industries in which Ontario leads, with the percentage which the production of each bears to that of the Dominion total in 1941, are as follows: leather tanneries 87.9, rubber goods 81.8, electrical apparatus and supplies 76.1, primary iron and steel 68.7, iron castings 68.0, fruit and vegetables preparations 66.0, flour and feed mills 60.7, hosiery and knitted goods 57.8, and furniture 56.5.

5.—Statistics of the Leading Industries of the Province of Ontario, 1941

Industry	Estab- lish- ments	Capital	Em- ploy- ees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$
1 Automobiles.....	5	96,681,386	21,619	43,501,523	196,059,059	273,129,363
2 Non-ferrous metal smelting and refining.....	7	102,556,896	6,595	11,998,657	109,878,833	171,099,809
3 Electrical apparatus and supplies..	155	92,369,331	23,396	33,709,360	58,582,624	135,383,812
4 Automobile supplies.....	66	60,107,899	15,719	25,237,265	72,703,652	122,870,244
5 Slaughtering and meat packing....	66	43,904,700	6,262	9,317,408	100,084,648	116,414,929
6 Primary iron and steel.....	27	114,287,236	14,596	30,512,248	53,670,927	113,108,878
7 Pulp and paper.....	39	197,808,578	10,814	19,886,238	39,424,567	100,925,739
8 Rubber goods, including rubber footwear.....	34	61,369,597	12,263	17,986,110	49,498,981	97,458,412
9 Flour and feed mills.....	707	30,581,505	3,539	4,209,213	70,942,112	87,523,051

¹ See footnote 1, Table 3, p. .

5.—Statistics of the Leading Industries of the Province of Ontario, 1941—concluded

Industry	Estab- lish- ments	Capital	Em- ploy- ees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$
10 Machinery.....	164	72,337,470	15,281	24,491,092	28,064,005	85,999,461
11 Butter and cheese.....	906	30,372,330	7,955	8,941,402	53,948,624	73,420,256
12 Sheet metal products.....	89	43,643,813	8,932	12,359,594	35,168,376	62,087,940
13 Brass and copper products.....	89	32,512,711	7,693	11,611,866	34,343,772	58,868,770
14 Petroleum products.....	15	29,262,451	2,344	4,520,461	43,269,989	54,453,303
15 Castings, iron.....	90	33,215,878	9,815	15,477,191	22,826,093	52,762,175
16 Fruit and vegetable preparations.....	172	39,104,980	6,979	6,307,095	28,916,370	49,872,981
17 Aircraft.....	13	36,603,983	14,345	20,854,084	9,929,642	45,028,153
18 Hosiery and knitted goods.....	101	35,392,218	13,428	13,209,700	22,393,239	44,577,422
19 Bread and other bakery products.....	1,180	26,298,299	11,990	12,938,751	20,378,978	43,414,878
20 Biscuits, confectionery, cocoa, etc.....	85	26,690,832	7,590	8,395,174	20,059,873	42,527,696
21 Hardware and tools.....	145	34,874,032	8,652	12,542,561	12,277,526	41,304,297
22 Clothing, men's factory.....	107	19,102,875	10,116	11,438,367	20,403,557	35,954,270
23 Railway rolling stock.....	14	27,062,506	6,776	11,371,036	19,180,322	35,925,466
24 Mis. iron and steel products.....	81	45,422,009	10,373	16,344,665	12,908,033	35,752,569
25 Agricultural implements.....	24	57,837,705	8,473	11,827,821	13,795,618	33,227,465
26 Printing and publishing.....	299	25,405,110	8,044	12,784,579	7,865,719	32,294,093
27 Miscellaneous chemicals.....	85	39,168,295	7,405	9,346,140	16,956,194	32,271,121
28 Acids, alkalies, and salts.....	18	31,904,259	3,906	6,617,410	8,511,352	30,828,361
29 Leather tanneries.....	27	25,056,954	3,894	4,911,219	20,662,491	29,562,946
30 Printing and bookbinding.....	580	25,560,012	8,076	10,769,579	11,980,969	29,302,616
31 Boxes and bags, paper.....	90	17,884,737	5,141	6,321,160	17,287,572	29,068,204
32 Coke and gas products.....	16	55,418,370	2,552	3,790,781	14,353,519	28,712,757
33 Woollen cloth.....	34	19,730,028	5,283	6,186,414	16,815,610	28,497,195
34 Cotton yarn and cloth.....	20	29,916,626	6,709	7,178,535	13,620,629	28,094,221
35 Shipbuilding.....	16	10,829,110	4,434	7,064,487	6,616,852	26,101,314
36 Miscellaneous paper products.....	86	18,644,365	3,541	4,967,620	14,917,675	26,013,026
37 Foods, miscellaneous, including coffee, tea, etc.....	100	16,636,268	2,379	3,284,733	17,112,336	25,981,482
38 Wire and wire goods.....	50	22,069,686	4,332	6,269,367	7,944,468	24,927,158
39 Furniture.....	198	18,656,281	7,693	9,172,386	11,027,042	24,181,554
40 Clothing, women's factory.....	236	10,228,772	6,419	7,254,890	13,535,247	24,027,982
Totals, Forty Leading Industries.....	6,236	1,756,540,093	345,356	504,908,182	1,347,917,125	2,432,955,369
Totals, All Industries.....	10,250	2,336,788,884	468,230	660,722,278	1,683,912,216	3,121,756,568
Percentage of Forty Leading Industries to total of all industries.....	60.8	75.2	73.8	76.4	80.0	77.9

¹ See footnote 1, Table 1, p. 7.

Section 4.—The Manufactures of the Prairie Provinces, 1941

The leading industries of these Provinces are those based on their agricultural resources—their grain-growing, cattle-raising, and dairying areas. Next in importance, generally, are industries providing for the more necessary needs of the resident population, such as bread and baking, printing and publishing, etc. The extensive railway services require large shops for the maintenance of rolling-stock, especially in the Winnipeg area. The widespread use of motor vehicles and power machinery on farms has given rise to petroleum refineries in each province. The greatly increased production of crude petroleum in Alberta seems likely to lead to further development of the refining industry. Manitoba, as the early commercial centre of the prairies, has had a greater industrial development than either of the other provinces. Its natural resources of accessible water powers, forests, and, more recently, minerals, have given rise to quite a diversification of industrial production.

Considering the three Provinces as an economic group, slaughtering and meat packing had the largest gross production in 1941, amounting to \$112,951,716, followed by butter and cheese with \$44,062,012, and flour and feed mills with \$38,575,041. These three industries for the processing of the agricultural products of the Provinces accounted for 43 p.c. of their total manufacturing production.

6.—Statistics of the Leading Industries of the Prairie Provinces, 1941

Industry	Estab- lish- ments	Capital	Em- ploy- ees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
MANITOBA						
	No.	\$	No.	\$	\$	\$
1 Slaughtering and meat packing...	10	12,833,044	2,428	3,594,030	41,995,026	48,944,278
2 Butter and cheese.....	90	4,953,926	1,395	1,763,001	11,225,859	15,323,940
3 Railway rolling-stock.....	4	16,101,668	4,494	6,962,778	7,135,613	14,615,785
4 Flour and feed mills.....	38	6,055,494	573	598,331	7,966,683	9,749,916
5 Clothing, men's factory.....	28	3,168,693	1,840	1,497,382	4,480,217	6,781,886
6 Miscellaneous chemical products..	7	14,246,954	1,767	2,336,231	1,894,275	5,131,206
7 Foods, miscellaneous.....	16	3,150,762	300	382,571	3,627,385	4,579,364
8 Bags, cotton and jute.....	4	2,873,009	204	267,182	3,780,529	4,515,963
9 Clothing, women's factory.....	26	1,815,863	1,202	1,130,575	2,858,969	4,317,259
10 Bread and other bakery products.	137	2,797,968	1,221	1,274,880	1,972,803	4,242,770
11 Printing and publishing.....	78	3,560,976	1,084	1,588,417	821,396	4,160,031
12 Printing and bookbinding.....	92	4,372,662	1,238	1,558,095	1,403,850	3,546,362
13 Breweries.....	6	2,878,452	427	711,222	1,518,299	3,490,279
14 Primary iron and steel.....	4	2,346,005	721	1,041,583	1,195,320	3,438,024
15 Biscuits, confectionery, cocoa, etc.	15	1,660,380	645	605,276	1,480,810	3,259,220
16 All other leading industries ²	5	19,130,442	1,021	1,715,249	10,920,371	17,635,364
Totals, Leading Industries...	560	101,946,298	20,560	27,026,803	104,277,445	153,731,647
Totals, All Industries.....	1,184	163,489,471	32,262	40,894,267	132,330,823	211,534,751

SASKATCHEWAN

1 Slaughtering and meat packing...	8	3,854,515	1,059	1,509,190	14,515,142	17,352,026
2 Flour and feed mills.....	58	7,729,791	587	816,059	11,640,163	15,336,235
3 Butter and cheese.....	69	3,541,341	1,072	1,254,003	11,056,482	14,417,702
4 Petroleum products.....	9	5,446,340	474	863,797	9,427,910	14,162,758
5 Sawmills.....	358	1,715,895	1,498	685,584	1,004,437	3,010,671
6 Breweries.....	5	2,541,030	215	359,410	1,171,509	2,742,167
7 Bread and other bakery products.	112	1,813,079	656	640,627	1,326,269	2,629,943
8 Printing and publishing.....	128	2,112,759	837	1,161,088	501,804	2,533,997
9 Aerated and mineral waters.....	23	861,630	195	218,083	480,188	1,234,895
10 Planing mills, sash and door factories.....	15	838,118	279	309,020	565,914	1,055,630
11 All other leading industries ²	3	5,949,119	527	792,972	12,310,201	16,869,062
Totals, Leading Industries...	788	36,403,617	7,399	8,609,833	61,000,019	91,395,086
Totals, All Industries.....	945	42,158,738	8,546	9,979,974	65,836,308	96,020,975

ALBERTA

1 Slaughtering and meat packing...	13	11,628,072	2,630	3,664,173	39,169,683	46,655,412
2 Petroleum products.....	7	6,574,472	455	849,600	8,902,106	14,329,999
3 Butter and cheese.....	110	4,972,705	1,198	1,366,185	11,264,164	14,320,370
4 Flour and feed mills.....	97	8,193,155	793	943,855	10,487,035	13,438,890
5 Sawmills.....	250	2,923,893	2,196	1,489,316	1,842,865	4,928,617
6 Bread and other bakery products.	159	2,471,236	965	1,087,555	1,967,718	4,142,629
7 Railway rolling-stock.....	3	7,778,427	1,256	1,953,183	1,853,511	3,905,472
8 Breweries.....	5	4,538,006	274	496,992	2,120,454	3,893,716
9 Printing and publishing.....	87	3,000,277	838	1,206,485	493,974	2,857,671
10 Clothing, men's factory.....	6	1,224,835	514	513,408	1,201,662	2,170,047
11 Planing mills, sash and door factories.....	27	1,042,294	502	515,249	866,030	1,661,203
12 Aerated and mineral waters.....	22	827,782	222	267,325	452,612	1,295,620
13 Castings, iron.....	12	1,142,901	369	527,954	280,963	1,258,637
14 Printing and bookbinding.....	53	1,493,788	407	550,590	399,463	1,202,209
15 Fruit and vegetable preparations..	6	372,359	131	108,359	610,904	1,074,950
16 All other leading industries ²	8	15,808,061	957	1,146,885	5,878,665	12,115,899
Totals, Leading Industries...	865	73,992,263	13,707	16,687,114	87,791,809	129,251,241
Totals, All Industries.....	1,108	95,676,318	16,761	20,151,705	94,176,887	142,651,493

¹See footnote 1 to Table 1, p. 7.²Other leading industries, individual statistics of which cannot be given because there are fewer than three establishments in each industry, are: Manitoba, pulp and paper, non-ferrous metal smelting and refining, and coke and gas products; Saskatchewan, cotton and jute bags, automobiles, and non-ferrous metal smelting and refining; Alberta, malt mills, sugar refining, wood preservation, glass and cement products.

Section 5.—The Manufactures of British Columbia, 1941

Except for the major industrial provinces of Ontario and Quebec, British Columbia leads in manufacturing production. The rich forests have given the wood industries a pre-eminence in the Province. Sawmilling, in 1941, accounted for 20 p.c. of the manufacturing production of the Province and for 50 p.c. of the total value of sawmill output in the Dominion. Further emphasizing the importance of the forests in the industrial life of the Province, the pulp and paper industry ranked fourth. Second in importance was shipbuilding and repairs with a value of production of \$32,421,032. This industry advanced from sixth place in 1940 when the output was valued at only \$9,943,941. Third in importance was fish curing and packing, based principally on the estuarial salmon fisheries. British Columbia accounted for 66 p.c. of the total production of this industry in Canada. The varied resources of the Province and its position on the Pacific Coast have resulted in a wide diversification of its manufactures.

7.—Statistics of the Leading Industries of the Province of British Columbia, 1941

Industry	Estab- lish- ments	Capital	Em- ploy- ees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$
1 Sawmills.....	370	47,883,525	16,541	22,980,137	41,510,929	82,364,174
2 Shipbuilding and repairs.....	21	25,168,915	6,314	10,196,097	13,475,414	32,421,032
3 Fish curing and packing.....	71	18,836,306	2,734	3,069,230	19,936,424	31,757,945
4 Pulp and paper.....	7	58,237,083	3,574	6,377,993	8,719,072	28,873,327
5 Slaughtering and meat packing...	11	6,655,326	868	1,264,671	12,035,523	13,717,234
6 Petroleum products.....	4	4,247,973	338	687,299	10,107,981	12,333,758
7 Fruit and vegetable preparations..	74	6,747,352	1,682	1,453,264	6,897,774	10,427,899
8 Sheet metal products.....	20	9,360,315	717	1,082,630	6,758,356	10,098,710
9 Planing mills, sash and door factories.....	63	5,634,802	2,162	2,775,569	4,781,614	10,029,526
10 Food, miscellaneous.....	27	4,651,118	443	525,556	8,292,938	9,649,197
11 Butter and cheese.....	40	3,366,067	964	1,248,571	5,157,199	7,952,027
12 Bread and other bakery products..	266	3,839,123	2,068	2,244,563	3,681,474	7,734,835
13 Printing and publishing.....	78	5,223,967	1,664	2,727,247	1,266,804	6,066,112
14 Fertilizers.....	5	9,118,535	896	1,674,326	2,325,259	5,243,755
15 Breweries.....	11	5,101,956	338	638,809	2,290,627	4,576,014
16 Acids, alkalies and salts.....	3	787,523	283	836,088	392,889	4,287,095
17 Other leading industries ²	4	48,074,765	4,422	8,004,247	32,699,948	55,535,721
Totals, Leading Industries...	1,075	262,534,651	46,008	67,786,297	180,330,225	333,068,361
Totals, All Industries.....	1,905	340,609,179	62,447	89,256,478	219,755,738	412,957,897
Percentage of leading industries to total of all industries in the Province.....	56.4	77.2	73.7	75.9	82.1	80.7

¹ See footnote 1 to Table 1, p. 7.² Includes other leading industries, statistics of which cannot be published because there are fewer than three establishments in each industry. Such industries are: condensed milk, sugar refining, non-ferrous metal smelting and refining, and bridge and structural steel.

Section 6.—Manufacturing Industries in Cities and Towns

The prosperity of most of the cities and towns of Canada, especially in the east, is intimately connected with their manufacturing industries, which provide employment for a large proportion of their gainfully occupied population. In the west the cities are more largely distributing centres, though manufactures are rapidly increasing there also.

Table 8, indicating the extent to which the manufacturing industries of Canada are concentrated in urban centres, shows by provinces the proportion of the gross manufacturing production contributed by cities and towns having a gross production of over \$1,000,000 each. In the more highly industrialized provinces of Ontario and Quebec such cities and towns in 1941 accounted for 94.6 p.c. and 93.2 p.c., respectively, of the totals for those provinces, while in the Maritime Provinces and British Columbia, where sawmilling, fish packing, and dairying are leading industries, the proportions fell to 70.6 p.c. and 71.9 p.c., respectively. In the Prairie Provinces manufacturing is confined largely to a few urban centres.

8.—Cities and Towns Each with a Gross Manufacturing Production of over \$1,000,000, Number of Establishments and Total Gross Production in such Cities and Towns as a Percentage of the Grand Total, by Provinces, 1941.

NOTE.—Statistics published in this table are in some cases higher than the figures published in Table 10, since, in the table below are included statistics of towns with less than three establishments and production of over \$1,000,000 each. It was not possible to publish this information, except in summary form in Table 10 without disclosing the operations of individual establishments.

Province	Cities and Towns with a Gross Production of over \$1,000,000 each	Establishments Reporting in Cities and Towns Producing over \$1,000,000 each	Total Production in Cities and Towns Producing over \$1,000,000 each	Total Production in each Province	Production in Cities and Towns as a Percentage of Total Production in each Province
	No.	No.	\$	\$	p.c.
Prince Edward Island.....	1	36	2,014,732	4,649,476	43.3
Nova Scotia.....	13	313	93,084,525	133,873,428	69.5
New Brunswick.....	12	279	81,466,637	111,433,726	73.1
Quebec.....	87	4,294	1,715,966,651	1,841,088,523	93.2
Ontario.....	131	6,998	2,952,454,772	3,121,756,568	94.6
Manitoba.....	6	775	182,269,882	211,534,751	86.2
Saskatchewan.....	5	264	71,768,624	96,020,975	74.7
Alberta.....	6	467	118,279,702	142,651,493	82.9
British Columbia.....	14	1,284	297,237,932	413,299,184	71.9
Canada.....	275	14,710	5,514,543,457	6,076,308,124	90.8

9.—Principal Statistics of the Manufacturing Industries of the Six Leading Manufacturing Cities of Canada, 1933-41

NOTE.—The dyeing, cleaning and laundry industry is included for the years prior to 1936.

City and Year	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$
Montreal.....1933	2,226	363,342,078	80,212	74,150,933	148,504,215	300,636,197
1934	2,360	373,098,770	88,131	84,228,834	185,459,720	361,058,212
1935	2,346	382,332,791	94,612	89,934,540	201,022,033	383,547,072
1936	2,372	389,225,593	95,420	96,705,020	228,676,144	427,270,916
1937	2,474	415,816,451	105,931	112,652,112	281,407,645	511,481,054
1938	2,469	409,578,419	103,254	111,431,966	253,277,566	474,534,092
1939	2,501	423,234,648	105,315	114,602,118	254,188,246	483,246,583
1940	2,519	475,575,804	118,774	138,118,813	334,350,566	604,806,394
1941	2,669	556,538,023	147,917	187,239,445	444,557,894	803,685,931
Toronto.....1933	2,604	388,995,096	75,645	80,855,883	146,286,472	308,983,639
1934	2,627	392,080,083	81,629	89,569,170	174,820,861	357,706,747
1935	2,689	386,898,652	86,226	97,144,947	190,370,255	385,883,455
1936	2,762	396,257,696	89,056	102,217,057	209,320,347	417,724,888
1937	2,797	423,350,509	96,247	115,520,050	247,422,098	475,470,149
1938	2,863	424,209,626	94,930	115,832,230	229,641,098	455,527,321
1939	2,885	447,009,768	98,702	122,553,435	240,532,281	482,532,331
1940	2,911	500,559,305	112,136	145,538,148	306,675,426	595,913,172
1941	3,045	554,317,600	133,099	184,267,132	391,328,916	756,923,939
Hamilton.....1933	469	171,625,714	21,524	21,523,337	35,672,272	83,530,255
1934	494	174,755,759	24,072	25,772,958	44,548,853	100,272,872
1935	484	176,246,963	26,769	30,162,244	53,740,074	114,691,789
1936	466	176,519,530	28,625	32,288,022	61,676,060	130,578,232
1937	479	182,730,036	32,616	40,255,040	83,978,873	170,651,205
1938	471	186,397,262	31,313	38,297,830	71,849,817	150,394,481
1939	461	206,584,330	31,512	39,563,423	70,829,034	152,746,340
1940	474	230,821,923	39,081	54,139,253	106,595,186	212,587,274
1941	491	255,862,917	45,421	72,845,604	136,403,197	283,670,019
Windsor.....1933	247	66,398,372	10,212	10,719,819	25,752,258	49,359,245
1934	251	63,066,481	11,926	15,057,327	43,208,202	76,487,032
1935	236	64,298,564	15,227	20,714,545	64,062,711	104,908,197
1936	214	66,934,274	15,613	21,180,684	59,871,643	104,556,881
1937	228	77,750,511	18,650	26,919,449	78,667,058	136,896,194
1938	224	79,940,995	17,732	26,088,439	67,680,572	125,833,355
1939	222	80,436,233	17,729	25,938,890	63,907,106	122,474,320
1940	215	102,896,682	20,916	37,260,970	112,991,063	194,174,159
1941	223	138,929,934	29,486	57,653,986	175,847,231	289,027,790
Vancouver.....1933	746	74,209,271	12,094	11,754,124	28,588,106	55,160,883
1934	773	84,254,515	13,206	13,595,812	34,258,919	63,475,103
1935	811	83,584,899	15,683	16,789,590	39,863,397	73,981,872
1936	807	83,199,508	16,397	18,479,502	47,394,136	87,581,068
1937	824	85,851,189	17,641	20,783,032	53,139,109	95,717,017
1938	842	91,714,005	17,968	21,700,941	52,178,629	91,607,637
1939	829	92,797,032	17,957	22,382,192	56,565,511	101,267,243
1940	849	101,429,495	20,767	26,502,084	70,468,864	120,981,888
1941	864	115,960,608	25,223	34,132,996	90,720,812	162,982,858
Winnipeg.....1933	600	73,886,398	15,336	15,155,537	28,355,612	59,287,280
1934	612	75,513,530	15,745	15,985,206	31,761,326	60,860,444
1935	616	71,837,683	16,649	17,568,803	36,825,174	67,217,042
1936	594	71,757,177	16,673	18,060,555	40,822,725	73,316,055
1937	622	72,419,041	17,284	19,687,511	45,498,865	80,108,696
1938	634	68,339,544	17,153	19,811,744	43,319,595	78,029,078
1939	648	73,255,368	17,571	20,717,273	44,873,043	81,024,272
1940	657	79,684,791	19,026	22,673,057	56,496,847	98,266,933
1941	677	105,406,381	23,831	30,169,726	73,427,543	127,913,351

¹ Net value is derived from gross value by deducting cost of materials, fuel, and electricity. For cost of fuel and electricity in 1941, see Table 10.

10.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1941

Province and Municipality	Establishments	Capital	Employees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$	\$
P.E. Island—							
Charlottetown.....	36	1,736,764	427	357,274	29,959	1,334,511	2,014,732
Nova Scotia—							
Amherst.....	25	5,122,811	1,029	1,014,677	108,713	1,960,835	3,464,875
Halifax.....	105	20,035,169	5,474	7,093,181	387,421	11,947,672	26,933,018
Lunenburg.....	14	990,511	424	400,740	40,682	1,074,271	1,809,147
New Glasgow.....	27	2,106,429	790	913,647	159,226	1,083,466	2,620,048
North Sydney.....	14	593,574	275	235,456	19,690	597,732	1,050,404
Pictou.....	8	632,254	286	355,437	20,012	443,843	1,013,912
Sydney.....	35	34,622,909	3,014	5,180,376	2,007,841	16,130,994	30,606,032
Truro.....	23	3,899,541	1,241	1,082,257	86,965	2,349,977	4,310,354
Windsor.....	15	1,109,214	428	315,212	26,003	1,294,235	1,873,612
Yarmouth.....	30	3,474,317	864	875,871	77,028	1,617,514	3,619,138
New Brunswick—							
Fredericton.....	24	1,280,297	439	403,189	39,024	818,755	1,504,190
Moncton.....	48	8,032,412	2,563	3,264,425	237,329	8,417,585	12,953,392
Newcastle.....	13	841,366	334	291,956	13,070	974,381	1,416,111
Saint John.....	123	21,316,260	4,809	5,899,099	617,266	18,749,941	31,588,775
St. Stephen.....	12	2,031,745	621	561,246	55,274	1,379,859	2,545,422
Sussex.....	12	634,382	218	216,598	10,231	708,936	1,379,538
Quebec—							
Acton Vale.....	11	1,441,547	696	549,555	44,688	1,457,184	2,895,298
Asbestos.....	9	712,271	92	109,302	40,139	624,590	1,079,626
Beauharnois.....	12	8,948,019	1,321	1,823,137	871,799	4,019,099	9,620,980
Berthier.....	9	3,758,371	397	317,710	62,129	955,946	1,889,549
Brownburg.....	6	6,357,144	2,783	3,556,684	104,197	4,207,144	9,055,302
Cap-de-la-Madeleine.....	18	11,605,560	1,173	1,396,077	257,475	3,403,892	4,076,460
Chambly Canton.....	4	790,601	364	394,712	56,245	759,491	1,469,594
Chicoutimi.....	24	999,162	389	356,701	40,817	513,945	1,197,241
Coaticook.....	15	2,418,615	883	672,091	41,522	4,667,551	3,461,455
Drummondville.....	25	19,710,037	5,892	6,240,367	916,958	7,855,613	23,037,989
Farnham.....	17	4,186,258	969	866,874	134,615	2,357,412	4,292,601
Cranby.....	36	14,268,825	3,852	3,629,145	247,791	8,245,568	17,096,597
Grand Mère.....	19	18,952,461	1,934	2,122,814	803,056	4,290,577	9,805,275
Hull.....	47	19,397,398	3,277	4,025,324	927,553	12,083,314	20,774,840
Huntingdon.....	9	1,207,240	440	510,052	39,153	1,281,139	2,266,500
Joliette.....	43	3,129,101	1,367	1,185,175	183,984	2,665,944	5,135,552
Jonquière.....	14	1,341,310	330	467,521	95,705	975,401	2,002,706
Lachine.....	34	32,635,748	5,532	10,371,857	568,181	15,245,978	40,000,595
La Pêrade.....	8	499,349	167	127,749	22,653	772,397	1,016,285
Laprairie.....	14	2,695,522	503	553,968	270,978	370,276	1,742,690
LaSalle.....	13	13,261,825	1,234	1,538,385	314,959	7,208,071	14,223,922
Lennoxville.....	9	991,126	226	281,269	77,947	600,165	1,622,339
Loretteville.....	17	672,951	455	353,006	8,350	573,011	1,077,438
Marieville.....	14	1,113,615	485	344,116	17,090	1,242,201	1,790,605
Mégantic.....	11	695,968	581	385,126	5,965	575,040	1,075,635
Montmagny.....	28	3,089,626	1,124	1,038,531	61,329	2,042,914	4,074,289
Montreal.....	2,669	556,538,023	147,917	187,239,445	12,332,295	444,557,884	803,685,931
Montreal East.....	11	51,887,596	3,117	5,073,043	3,444,175	76,083,857	93,346,346
Nicolet.....	11	912,592	382	286,654	10,422	855,827	1,501,795
Outremont.....	16	7,742,368	1,092	1,432,598	60,581	5,784,930	10,889,882
Plessisville.....	16	1,745,748	745	594,916	31,194	1,520,738	2,622,195
Princeville.....	8	402,748	135	114,778	8,955	820,485	1,021,770
Quebec.....	307	82,674,306	16,742	19,385,584	2,120,435	27,249,540	61,396,297
Richmond.....	7	887,943	492	427,600	20,396	735,230	1,430,975
Rimouski.....	17	2,118,658	724	562,163	14,523	1,667,128	2,922,311
Rivière du Loup.....	18	1,325,625	308	371,472	552,713	508,556	1,115,003
St. Georges Est.....	12	1,076,328	555	377,576	32,552	650,407	1,322,052
St. Hyacinthe.....	67	11,918,661	4,998	4,153,029	333,565	10,935,234	18,781,120
St. Jérôme.....	30	8,862,786	2,851	2,435,992	222,691	5,605,036	11,685,306
St. Jean.....	50	12,512,201	3,728	4,293,253	456,730	6,882,817	15,021,836
St. Lambert.....	7	454,969	212	223,874	9,020	413,499	1,206,194
St. Laurent.....	15	11,884,156	4,321	5,376,193	281,946	6,322,838	15,324,637
St. Thérèse.....	20	13,269,673	1,551	1,417,172	81,915	2,299,282	3,911,638
Shawinigan Falls.....	36	113,057,252	6,499	9,638,016	8,527,193	25,989,607	69,015,639
Sherbrooke.....	74	27,006,202	7,644	8,278,081	662,029	16,652,156	35,943,105

¹ Net value is derived from gross value by deducting cost of materials, fuel and electricity.

10.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1941—continued

Province and Municipality	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$	\$
Quebec—concluded							
Three Rivers.....	58	94,650,777	6,623	8,534,950	3,954,505	18,082,974	43,866,962
Valleyfield.....	31	32,739,391	6,406	7,305,218	1,511,818	12,489,723	24,483,813
Victoriaville.....	27	3,218,835	1,665	1,680,045	68,040	2,876,545	6,110,650
Warwick.....	12	1,109,547	356	304,008	40,628	992,555	1,687,302
Waterloo.....	13	1,878,436	771	782,083	55,821	1,046,119	3,446,017
Westmount.....	11	2,555,841	1,313	1,750,455	199,755	2,335,212	6,585,431
Windsor.....	10	4,184,824	820	1,117,816	398,231	2,249,480	5,569,297
Ontario—							
Acton.....	17	4,188,865	936	956,300	87,764	3,877,237	5,728,838
Almonte.....	10	1,008,352	402	400,493	31,081	1,221,552	2,072,954
Amherstburg.....	9	3,200,698	436	742,404	602,356	1,027,788	5,236,610
Aurora.....	9	1,827,414	400	485,237	28,591	1,850,448	2,697,306
Barrie.....	14	1,494,920	432	494,531	45,844	2,570,998	3,488,991
Belleville.....	44	11,851,650	2,199	2,546,343	430,199	3,839,187	10,097,091
Brampton.....	20	3,307,869	911	1,305,353	49,223	2,696,526	4,734,933
Brantford.....	111	40,431,382	10,429	13,339,504	876,540	22,356,167	49,621,578
Brockville.....	33	6,895,114	1,442	1,777,409	204,132	11,160,351	16,059,083
Burlington.....	9	1,514,271	297	348,506	43,607	1,673,856	2,837,643
Caledonia.....	13	1,043,947	173	226,569	63,882	949,820	1,859,943
Campbellford.....	13	1,051,395	416	394,129	52,265	1,566,950	2,271,995
Carleton Place.....	11	2,876,229	858	980,474	74,320	1,933,046	3,729,498
Chatham.....	57	19,293,174	2,492	3,416,656	461,573	17,257,351	24,285,467
Cobourg.....	23	3,288,315	652	826,525	105,250	2,003,124	4,151,137
Collingwood.....	18	3,131,960	1,413	2,295,309	58,968	2,494,411	6,340,413
Cornwall.....	44	33,977,880	5,279	6,795,884	1,511,614	9,958,303	28,120,891
Dundas.....	20	9,404,583	1,665	2,510,772	62,521	2,246,667	8,485,426
Dunnville.....	19	3,943,795	844	1,003,701	62,449	1,609,426	3,459,305
Eastview.....	11	831,210	299	373,847	43,984	1,885,226	2,531,816
Elmira.....	17	1,517,509	338	435,243	31,588	922,730	2,104,651
Fort Erie.....	28	9,703,160	2,237	3,551,000	80,607	3,886,241	11,123,338
Fort William.....	41	35,362,807	6,602	8,850,322	1,130,818	9,195,541	32,942,553
Frankford.....	10	2,716,345	762	825,037	43,581	938,802	2,162,295
Galt.....	74	18,613,367	5,831	7,266,347	439,193	10,005,174	24,717,150
Gananoque.....	14	3,622,303	738	922,210	104,140	2,032,801	5,646,120
Georgetown.....	14	3,851,893	715	899,041	138,927	2,591,760	4,686,044
Goderich.....	16	2,294,369	337	411,719	137,431	3,331,504	4,671,786
Gravenhurst.....	6	790,729	298	312,598	14,787	578,299	1,175,226
Grimsby.....	14	1,000,705	474	445,057	22,181	956,531	1,882,025
Guelph.....	90	17,405,639	6,109	7,072,329	519,361	15,031,019	29,986,611
Hagersville.....	5	804,372	84	105,349	35,363	591,142	1,223,772
Hamilton.....	491	255,862,917	45,421	72,845,604	9,830,559	136,403,197	283,670,019
Hanover.....	17	2,927,657	931	1,022,187	53,197	1,951,213	3,504,923
Harrow.....	3	550,085	100	102,118	19,892	692,890	1,040,381
Hespeler.....	16	4,956,226	1,476	1,705,077	216,363	4,077,662	7,108,827
Humberstone.....	9	4,908,290	634	630,009	50,696	4,261,710	6,149,395
Ingersoll.....	23	5,708,587	1,424	1,869,670	143,568	4,520,222	8,529,913
Kincardine.....	11	956,581	451	382,747	35,016	990,620	1,645,592
Kingston.....	54	24,087,993	4,046	5,117,432	585,682	9,804,349	19,781,008
Kitchener.....	151	42,060,163	12,261	15,059,833	883,813	41,047,253	73,818,892
Leamington.....	15	7,019,180	1,028	1,030,497	136,862	5,440,535	10,520,515
Leaside.....	39	40,738,415	5,846	8,521,147	355,211	19,700,458	39,500,930
Lindsay.....	30	4,566,025	1,490	1,728,864	234,534	3,222,663	6,191,029
Listowell.....	13	1,215,236	451	459,598	66,650	1,740,878	2,748,802
London.....	234	45,757,598	12,016	15,641,963	1,056,396	34,431,649	68,565,946
Meaford.....	14	785,871	336	325,108	34,763	723,905	1,351,435
Merrittton.....	12	8,456,124	1,614	2,702,474	458,874	6,486,225	14,083,844
Midland.....	16	3,613,797	671	461,033	38,983	2,425,240	4,003,367
Milton.....	14	2,428,844	429	530,064	158,910	851,688	2,684,705
Napanee.....	18	1,269,313	260	260,472	47,087	592,383	1,139,554
New Liskeard.....	17	1,901,862	565	701,027	30,706	1,345,044	2,573,377
Newmarket.....	11	4,564,515	940	1,220,822	66,946	2,392,070	4,231,765
New Toronto.....	28	46,343,023	5,470	9,660,811	913,322	38,828,932	65,683,663
Niagara Falls.....	58	42,219,399	6,353	9,405,815	3,307,782	15,990,316	45,040,066
North Bay.....	26	1,133,409	301	334,489	31,664	700,801	1,434,155
Oakville.....	18	1,394,507	479	537,557	37,953	1,282,486	2,450,191
Orillia.....	39	4,709,352	1,609	1,816,623	155,146	2,640,628	6,035,676
Oshawa.....	47	31,919,789	9,319	15,283,971	814,105	78,364,118	108,756,736
Ottawa.....	203	37,702,926	9,974	13,823,792	920,185	18,772,117	43,359,820
Owen Sound.....	41	6,957,410	2,212	2,399,619	136,243	3,996,409	8,700,539
Paris.....	21	7,128,594	1,389	1,501,500	84,473	3,179,748	6,171,326
Pembroke.....	32	3,754,208	1,315	1,347,061	52,987	2,616,672	5,078,365

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

10.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1941—concluded

Province and Municipality	Establishments	Capital	Employees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products ¹
No.	\$	No.	\$	\$	\$	\$	\$
Ontario—concluded							
Penetanguishene.....	12	1,297,242	449	428,563	24,377	753,201	1,486,117
Perth.....	16	3,746,066	808	1,060,300	64,338	1,981,157	4,686,515
Peterborough.....	75	27,349,729	7,062	9,724,524	580,923	30,837,808	48,238,602
Petrolia.....	10	2,660,210	285	412,849	257,528	3,834,682	4,840,174
Port Arthur.....	28	18,734,978	2,198	3,582,642	879,158	5,135,096	15,211,978
Port Hope.....	20	5,424,865	1,073	1,485,941	155,695	2,249,423	6,177,617
Prescott.....	16	1,134,054	553	503,020	20,937	571,767	1,436,186
Preston.....	30	8,777,906	2,455	3,003,031	150,480	5,282,635	10,806,354
Renfrew.....	22	2,964,297	922	1,003,061	96,221	2,083,082	4,407,123
St. Catharines.....	87	40,821,862	9,463	14,017,171	798,524	38,478,232	64,747,804
St. Marys.....	16	5,367,786	469	572,752	450,136	2,106,815	4,550,634
St. Thomas.....	37	4,179,833	1,297	1,562,886	103,895	3,344,538	6,127,352
Sarnia.....	44	22,873,024	3,826	6,372,703	2,268,653	31,482,452	44,752,711
Sault Ste. Marie.....	49	58,625,543	5,574	9,486,497	3,749,385	20,892,289	44,056,386
Simcoe.....	24	9,792,588	1,197	1,314,497	111,057	9,129,416	13,550,781
Smith's Falls.....	18	4,515,817	788	866,108	63,082	868,424	1,807,948
Southampton.....	7	496,397	329	401,380	21,046	629,916	1,263,027
Stratford.....	56	9,163,053	2,955	4,030,645	246,237	7,961,518	13,735,901
Strathroy.....	17	1,516,287	356	299,017	25,224	1,106,146	1,767,296
Streatsville.....	9	574,219	168	213,935	33,701	1,350,511	1,752,771
Sudbury.....	37	3,128,729	695	829,212	73,005	1,914,323	3,442,588
Tavistock.....	10	495,989	211	191,519	16,181	1,026,048	1,409,865
Thorold.....	16	16,069,970	1,742	3,259,092	1,789,496	6,744,922	16,344,227
Tilbury.....	7	1,005,590	358	497,216	47,981	1,061,242	2,147,281
Tillsonburg.....	18	1,682,439	413	451,261	70,696	2,651,360	3,783,462
Timmins.....	25	2,589,711	819	612,395	40,758	946,983	2,088,513
Toronto.....	3,945	554,317,600	133,099	184,267,132	10,145,129	391,328,916	756,923,939
Trenton.....	26	4,784,805	1,127	1,337,142	234,077	3,512,754	7,069,149
Walkerton.....	14	1,159,626	397	425,686	18,104	592,468	1,227,713
Wallaceburg.....	17	6,103,487	1,627	2,085,466	372,850	3,099,862	7,414,732
Waterloo.....	44	10,715,764	2,235	2,814,551	146,192	4,771,958	10,466,259
Welland.....	51	49,343,108	7,724	11,777,347	3,314,234	31,547,973	62,671,436
Wellington.....	10	652,377	136	110,277	28,719	669,804	1,072,985
Weston.....	24	6,978,505	1,905	2,534,493	145,152	3,166,918	6,548,788
Whitby.....	11	1,357,610	328	350,295	27,705	794,657	1,386,509
Windsor.....	223	138,929,934	29,486	57,653,986	3,063,021	175,847,231	289,027,790
Wingham.....	12	749,791	327	347,342	21,107	930,958	1,481,895
Woodstock.....	55	8,810,336	2,929	3,443,227	225,760	7,114,791	14,292,304
Manitoba—							
Brandon.....	29	2,385,809	446	510,478	72,859	2,491,484	3,841,916
St. Boniface.....	47	13,134,345	2,246	3,154,575	395,274	30,825,874	38,753,448
Selkirk.....	8	2,669,113	730	1,045,876	332,582	1,347,739	3,781,404
Winnipeg.....	677	105,406,381	23,831	30,169,726	2,273,298	73,427,543	127,913,351
Saskatchewan—							
Moose Jaw.....	43	7,498,011	1,148	1,674,875	352,313	15,917,704	21,093,766
Prince Albert.....	23	2,516,364	634	809,444	81,592	5,282,164	7,176,651
Regina.....	106	11,611,660	2,269	3,272,297	679,004	17,023,588	25,938,113
Saskatoon.....	77	8,425,701	1,463	1,966,312	285,677	10,790,394	16,477,678
Yorkton.....	15	644,634	150	150,575	36,819	689,745	1,082,416
Alberta—							
Calgary.....	207	40,492,678	5,239	7,291,833	931,431	32,582,536	49,869,493
Edmonton.....	198	23,583,365	5,518	7,301,021	546,883	37,778,295	52,114,637
Lethbridge.....	30	2,410,698	488	594,173	53,228	2,085,724	4,025,855
Medicine Hat.....	23	6,561,772	822	885,428	62,912	5,139,015	7,341,612
British Columbia							
Duncan.....	12	595,018	452	618,198	5,717	704,748	1,677,378
Kelowna.....	22	1,613,419	452	473,849	38,093	1,190,492	2,112,802
Mission.....	17	713,702	168	160,798	19,073	780,885	1,202,636
Nanaimo.....	21	451,191	232	304,453	34,424	484,727	1,103,551
Nelson.....	25	1,321,183	201	377,798	29,249	679,540	1,254,184
New Westminster.....	87	16,244,990	3,765	5,301,327	313,206	13,687,221	24,274,569
North Vancouver.....	22	11,400,563	3,819	6,246,917	216,013	9,915,623	22,724,348
Port Alberni.....	9	3,848,536	917	1,409,017	3,641	2,500,981	5,314,233
Port Moody.....	3	1,472,852	395	543,285	228	1,014,979	2,186,735
Prince Rupert.....	24	6,309,507	1,227	1,800,302	85,776	2,873,750	7,856,727
Vancouver.....	864	115,960,608	25,223	34,132,996	1,951,068	90,720,812	162,982,858
Vernon.....	20	1,023,940	246	272,761	36,064	677,790	1,188,843
Victoria.....	142	15,123,864	3,557	5,071,750	341,385	9,262,671	17,062,999

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

11.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1940

County	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$
Prince Edward Island—						
Kings.....	55	399,778	188	77,668	284,758	447,675
Prince.....	75	703,356	305	160,452	663,599	951,476
Queens.....	89	1,837,684	564	407,680	1,569,876	2,457,393
Totals.....	219	2,940,818	1,057	645,800	2,518,233	3,856,544
Nova Scotia—						
Annapolis.....	37	899,278	595	293,507	871,753	1,872,501
Antigonish.....	21	151,155	113	57,053	217,382	334,461
Cape Breton.....	77	35,844,180	3,183	4,951,304	15,243,133	30,881,759
Colchester.....	76	4,645,011	1,741	1,380,511	3,390,896	6,047,659
Cumberland.....	90	4,774,221	1,618	1,199,880	2,463,086	4,360,053
Digby.....	84	536,967	479	201,895	718,055	1,147,716
Guysboro.....	35	336,143	237	80,525	270,516	417,935
Halifax.....	165	30,685,188	5,580	6,785,807	23,681,509	37,416,012
Hants.....	61	3,194,032	963	693,962	2,029,017	3,499,035
Inverness.....	60	163,831	197	59,957	192,211	301,190
Kings.....	76	1,152,968	815	431,063	1,541,408	2,443,905
Lunenburg.....	119	1,980,876	1,004	639,893	1,522,561	2,629,725
Pictou.....	86	9,054,939	2,113	2,337,515	5,471,538	11,381,945
Queens.....	28	13,387,796	848	1,237,660	1,887,723	5,666,925
Richmond.....	18	36,456	62	11,367	34,802	56,207
Shelburne.....	47	756,311	494	353,502	1,078,823	2,028,754
Victoria.....	16	43,660	44	11,702	43,732	69,183
Yarmouth.....	59	4,009,947	976	792,514	1,502,392	3,259,685
Totals.....	1,155	111,652,959	21,062	21,519,617	62,160,537	113,814,650
New Brunswick—						
Albert.....	13	853,450	192	167,829	889,167	1,752,605
Carleton.....	38	829,443	252	196,700	655,112	1,014,294
Charlotte.....	56	9,206,078	1,769	1,488,384	3,786,608	7,043,367
Gloucester.....	81	9,929,789	1,128	1,301,120	2,568,622	6,595,121
Kent.....	45	236,964	201	68,156	239,785	377,757
Kings.....	53	910,505	429	288,146	885,357	1,756,095
Madawaska.....	27	7,161,943	812	1,063,870	2,591,307	6,440,525
Northumberland.....	59	1,695,221	814	514,058	1,393,890	2,291,619
Queens.....	18	252,733	139	99,506	216,550	392,116
Restigouche.....	42	22,419,621	1,511	2,069,762	4,554,684	12,048,977
Saint John.....	127	24,262,349	4,470	5,168,973	19,235,616	30,976,536
Sunbury.....	6	80,600	76	55,431	107,390	192,938
Victoria.....	27	526,063	420	298,631	552,918	1,022,682
Westmoreland.....	104	9,032,078	3,271	3,728,681	7,136,904	12,745,460
York.....	81	5,711,329	1,375	1,130,542	2,125,494	4,630,916
Totals.....	777	93,108,166	16,859	17,639,789	46,939,404	89,281,008
Quebec—						
Abitibi.....	150	1,008,876	617	398,397	1,038,161	1,833,952
Argenteuil.....	57	12,990,412	2,934	3,149,797	5,480,223	11,992,703
Arthabaska.....	115	5,805,080	2,264	2,102,083	4,284,625	7,991,912
Bagot.....	67	2,262,997	967	626,043	2,140,775	3,714,477
Beauce.....	167	2,095,967	1,288	726,001	1,755,275	3,117,316
Beauharnois.....	53	17,176,292	4,715	4,444,443	8,869,652	18,073,342
Bellechasse.....	99	474,348	218	86,774	489,543	698,077
Berthier.....	83	4,437,737	731	464,836	1,475,710	2,630,874
Bonaventure.....	83	1,004,132	472	301,707	799,644	1,439,159
Brome.....	31	485,950	176	117,179	489,143	694,865
Chamblay.....	36	6,655,990	2,770	3,240,316	2,789,764	8,146,718
Champlain.....	179	35,577,484	3,785	4,040,371	10,601,813	22,513,286
Charlevoix.....	75	12,651,714	673	784,310	1,716,125	4,773,719
Châteauguay.....	30	505,453	242	123,594	722,156	1,066,249
Chicoutimi.....	160	117,431,204	5,531	7,618,784	20,658,681	67,363,580
Compton.....	64	7,522,755	1,219	1,274,164	3,099,946	6,344,396

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

11.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1940—continued

County	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$
Quebec—concluded						
Deux Montagnes.....	33	363,777	115	61,644	335,418	459,585
Dorchester.....	111	969,775	442	231,244	932,005	1,425,014
Drummond.....	75	19,309,726	5,357	5,133,400	7,363,161	18,806,339
Frontenac.....	81	1,056,447	685	403,742	959,015	1,661,352
Gaspé.....	152	3,090,037	1,123	756,931	2,254,980	4,342,638
Hull.....	106	47,260,350	4,443	5,696,140	14,536,859	31,806,662
Huntingdon.....	33	1,299,713	436	394,322	1,240,277	2,176,008
Iberville.....	25	545,400	174	124,909	597,703	810,164
Joliette.....	99	4,377,447	1,650	1,330,492	3,370,058	6,189,428
Kamouraska.....	79	1,033,665	458	274,424	823,070	1,255,717
Labelle.....	69	1,096,601	387	217,956	727,397	1,276,186
Lac St. Jean.....	200	30,346,410	1,649	2,448,724	5,412,368	13,934,715
Laprairie.....	26	3,823,150	619	742,924	1,381,341	2,758,646
L'Assomption.....	54	1,044,718	524	320,290	869,997	1,454,426
Lévis.....	69	6,724,918	1,659	1,964,462	3,024,682	8,534,045
L'Islet.....	80	929,157	376	309,913	541,708	1,053,475
Lotbinière.....	104	654,956	390	171,350	864,558	1,197,325
Maskinongé.....	73	3,247,458	1,089	884,455	2,632,259	4,240,803
Matane.....	128	3,148,938	1,292	853,420	2,601,105	4,530,031
Mégantic.....	106	2,100,709	1,034	744,676	2,159,136	3,673,625
Missisquoi.....	54	9,415,905	2,703	2,343,816	4,416,077	9,893,483
Montcalm.....	54	667,467	230	116,759	679,821	973,845
Montmagny.....	77	3,648,147	1,125	940,386	1,873,983	3,344,252
Montmorency.....	55	226,812	147	73,793	224,629	368,764
Montreal and Jesus Island.	2,664	588,927,098	131,958	156,949,200	424,507,554	744,426,563
Napierville.....	18	930,635	305	184,274	1,257,207	1,888,167
Nicolet.....	113	1,165,713	548	313,181	1,548,358	2,279,414
Papineau.....	90	10,742,903	1,087	1,192,922	2,895,773	7,058,147
Pontiac.....	36	576,649	223	131,529	590,126	863,997
Portneuf.....	160	14,355,078	1,681	1,848,576	4,773,826	10,276,117
Quebec.....	379	63,489,656	14,325	13,621,413	26,483,945	53,238,195
Richelieu.....	66	5,508,964	1,985	2,405,768	4,740,506	8,024,978
Richmond.....	106	9,224,492	1,768	1,926,223	4,139,675	9,230,539
Rimouski.....	163	2,163,927	720	463,389	1,544,775	2,440,726
Rouville.....	64	1,664,954	891	484,411	2,087,605	3,014,360
Saguenay.....	34	27,376,586	892	1,328,402	2,981,530	8,242,655
Shefford.....	92	15,160,773	4,239	3,657,518	8,022,652	17,009,965
Sherrbrooke.....	87	24,627,456	6,598	6,805,282	12,554,855	26,170,763
Soulanges.....	22	411,465	285	158,813	753,949	1,079,052
Stanstead.....	76	12,119,483	2,903	3,286,937	14,053,514	21,950,312
St. Hyacinthe.....	106	11,015,673	4,594	3,682,593	9,481,390	15,995,740
St. Jean.....	50	11,367,485	3,012	2,992,074	5,416,614	11,459,583
St. Maurice.....	133	104,893,187	9,516	12,132,598	24,292,653	60,877,955
Temiskamingue.....	85	38,339,928	1,678	2,518,484	18,603,547	33,177,940
Témiscouata.....	190	3,831,741	1,300	968,234	2,191,278	3,833,007
Terrebonne.....	132	13,958,618	3,637	3,049,473	7,164,861	14,400,202
Vaudreuil.....	37	684,153	192	155,539	683,870	1,323,380
Verchères.....	42	7,315,982	962	1,319,230	4,852,999	9,362,325
Wolfe.....	79	539,020	277	135,090	506,106	723,712
Yamaska.....	65	468,218	207	89,752	770,559	966,829
Totals.....	8,381	1,345,927,911	252,492	277,639,876	713,132,575	1,357,375,776
Ontario—						
Addington.....	20	896,748	159	135,965	715,979	1,133,214
Algoma.....	109	55,871,503	5,534	8,281,808	17,918,632	37,028,627
Brant.....	146	41,909,141	9,454	10,916,647	20,779,062	42,711,167
Bruce.....	135	5,340,926	1,913	1,610,363	4,322,064	7,173,810
Carleton.....	298	36,651,158	9,171	11,168,091	19,664,588	39,507,738
Cochrane.....	91	75,739,366	3,104	4,771,015	7,443,830	22,760,878
Dufferin.....	35	914,618	294	201,174	1,172,393	1,693,816
Dundas.....	71	2,117,754	434	401,243	3,113,942	4,185,784
Durham.....	67	7,575,054	1,682	1,946,395	3,457,303	9,380,165
Elgin.....	90	4,608,827	1,456	1,480,310	4,960,971	8,079,739
Essex.....	301	121,528,940	23,749	40,158,790	124,764,629	216,218,685
Frontenac.....	119	17,646,726	2,606	2,864,723	7,063,524	12,947,864
Glengarry.....	91	596,293	293	142,065	1,238,854	1,544,934

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

11.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1940—continued

County	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$
Ontario—concluded						
Grenville.....	57	5,400,687	1,130	1,193,391	3,824,701	6,552,233
Grey.....	168	11,234,901	3,470	3,428,500	7,186,925	13,045,143
Haldimand.....	61	5,210,384	1,111	1,164,419	2,954,917	5,902,785
Haliburton.....	14	183,867	158	82,662	131,661	360,132
Halton.....	85	8,924,074	2,156	2,246,091	5,588,488	10,553,154
Hastings.....	208	23,714,130	4,119	3,814,622	10,207,167	20,566,062
Huron.....	139	4,866,718	1,314	1,206,062	6,284,189	9,810,649
Kenora.....	62	17,056,115	1,235	1,626,126	9,857,815	15,326,678
Kent.....	133	22,889,039	3,962	4,741,924	17,859,071	28,079,387
Lambton.....	119	24,803,375	4,103	5,428,576	27,711,195	39,936,005
Lanark.....	115	11,791,233	2,873	3,065,760	6,142,348	12,115,215
Leeds.....	137	9,790,737	1,981	2,218,088	12,520,826	18,847,441
Lennox.....	57	1,351,051	361	277,765	1,050,954	1,748,738
Lincoln.....	156	40,696,246	9,136	12,005,885	25,450,502	49,135,877
Manitoulin.....	13	62,324	39	19,323	22,754	52,997
Middlesex.....	336	44,216,539	10,863	13,088,596	30,563,073	59,696,920
Muskoka.....	57	3,863,252	897	808,055	2,777,666	4,840,120
Nipissing.....	74	3,656,131	975	908,037	2,080,868	3,931,538
Norfolk.....	76	11,749,737	2,040	1,959,183	13,628,181	18,834,225
Northumberland.....	120	5,242,978	1,338	1,234,464	4,585,566	7,734,322
Ontario.....	120	33,577,387	7,469	11,283,071	46,509,068	67,355,789
Oxford.....	162	15,570,940	4,623	4,820,621	15,360,473	26,447,308
Parry Sound.....	80	16,621,059	1,437	1,335,981	2,544,342	5,120,669
Peel.....	66	9,140,714	1,935	2,383,027	7,439,825	12,494,739
Perth.....	145	15,366,779	3,702	4,388,152	11,425,183	19,571,372
Peterborough.....	125	23,989,480	6,450	7,699,872	22,475,607	40,597,742
Prescott.....	114	4,660,150	770	954,849	3,134,054	5,473,305
Prince Edward.....	68	2,609,373	715	405,827	2,181,824	3,284,641
Rainy River.....	41	7,905,250	1,183	1,539,896	3,170,129	6,236,672
Renfrew.....	179	12,792,122	3,063	2,793,296	6,385,734	12,728,616
Russell.....	73	592,008	226	130,124	1,164,387	1,484,894
Simcoe.....	185	10,528,231	3,375	3,456,399	9,904,668	16,146,207
Stormont.....	102	34,889,680	5,546	6,485,677	11,269,725	29,346,518
Sudbury.....	101	80,726,954	5,970	9,446,124	48,262,254	91,710,982
Thunder Bay.....	139	49,948,989	4,758	6,972,711	8,682,755	24,417,042
Timiskaming.....	84	2,965,305	783	731,022	1,583,479	2,928,282
Victoria.....	81	5,323,531	1,572	1,497,819	3,263,620	5,882,823
Waterloo.....	402	83,280,095	21,572	23,847,130	51,374,324	99,754,849
Welland.....	215	130,831,497	15,715	22,302,842	102,046,189	180,320,356
Wellington.....	181	21,506,339	6,996	7,651,006	15,771,399	31,708,501
Wentworth.....	520	239,556,724	40,406	55,823,433	108,773,139	217,787,888
York.....	3,097	557,978,761	121,267	158,884,191	346,971,713	669,779,417
Totals.....	10,040	1,988,461,940	372,643	479,399,188	1,236,738,529	2,302,014,654
Manitoba—						
No. 1.....	32	304,732	120	71,831	655,686	868,953
No. 2.....	27	354,599	90	68,168	506,612	689,123
No. 3.....	27	502,734	107	79,291	569,503	1,010,683
No. 4.....	13	135,132	38	27,332	126,922	206,112
No. 5.....	33	17,339,496	2,104	3,046,927	4,534,066	9,697,383
No. 6.....	734	99,984,331	21,632	25,882,027	80,527,775	131,561,094
No. 7.....	57	2,093,529	439	459,669	1,848,664	3,005,539
No. 8.....	14	209,495	62	48,998	432,391	585,106
No. 9.....	26	3,047,306	795	1,018,645	1,822,953	4,374,884
No. 10.....	21	288,327	82	60,678	323,881	498,727
No. 11.....	24	217,748	75	56,430	483,608	654,235
No. 12.....	32	265,126	147	75,086	509,470	704,859
No. 13.....	31	327,833	92	61,441	490,023	677,658
No. 14.....	28	120,466	99	45,032	221,320	325,993
No. 15.....	24	238,093	69	40,881	197,741	360,085
No. 16.....	48	7,549,549	728	898,186	8,442,635	12,698,761
Totals.....	1,171	132,978,496	26,679	31,940,562	101,693,250	167,919,195

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

11.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1940—concluded

County	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$
Saskatchewan—						
No. 1.....	29	1,238,119	107	107,505	441,729	801,019
No. 2.....	13	677,052	87	105,123	282,960	601,985
No. 3.....	17	213,572	42	31,103	86,811	146,570
No. 4.....	10	82,196	26	18,343	63,576	124,294
No. 5.....	34	355,655	129	107,524	844,640	1,158,092
No. 6.....	119	11,479,852	2,271	3,043,472	14,337,882	22,345,560
No. 7.....	50	10,411,648	972	1,313,945	13,559,448	18,855,762
No. 8.....	23	507,676	110	110,683	319,568	601,631
No. 9.....	48	902,846	249	202,810	901,615	1,513,167
No. 10.....	18	193,994	57	45,019	358,236	517,854
No. 11.....	96	6,930,349	1,345	1,683,345	8,344,465	13,372,448
No. 12.....	25	242,062	53	45,363	182,863	296,098
No. 13.....	22	176,764	48	35,741	140,439	224,756
No. 14.....	102	837,478	679	409,969	728,700	1,826,082
No. 15.....	75	2,735,612	691	702,231	3,486,977	5,214,937
No. 16.....	51	593,898	217	145,443	575,549	938,026
No. 17.....	45	146,868	95	41,482	248,512	358,892
No. 18.....	37	2,972,441	237	263,479	3,750,503	7,387,159
Totals.....	814	40,698,082	7,415	8,412,580	48,654,473	76,284,332
Alberta—						
No. 1.....	31	6,007,735	795	845,516	4,120,709	6,301,549
No. 2.....	71	10,469,957	1,060	1,179,013	4,826,759	9,322,942
No. 3.....	8	2,111,041	284	339,693	589,341	1,270,992
No. 4.....	24	849,045	116	131,160	716,079	1,384,911
No. 5.....	11	75,295	38	21,256	105,301	149,305
No. 6.....	243	33,250,349	4,854	6,519,446	24,905,765	40,650,943
No. 7.....	38	514,908	115	99,783	648,922	910,131
No. 8.....	71	1,188,496	341	336,197	2,073,895	2,994,664
No. 9.....	65	738,157	465	320,446	619,647	1,224,435
No. 10.....	38	265,281	91	75,808	677,442	935,916
No. 11.....	244	21,282,965	5,058	6,291,244	26,489,280	39,020,453
No. 12.....	36	421,985	231	158,986	487,345	791,227
No. 13.....	35	142,624	74	30,792	230,005	320,605
No. 14.....	66	242,486	167	74,454	479,215	694,001
No. 15.....	33	581,455	340	326,843	320,476	1,050,488
No. 16.....	49	232,754	145	65,374	133,185	271,586
No. 17.....	5	65,973	17	8,982	6,305	19,816
Totals.....	1,068	78,440,506	14,191	16,824,993	67,429,671	107,313,964
British Columbia—						
No. 1.....	40	1,886,837	573	659,635	838,230	2,114,764
No. 2.....	99	47,247,359	4,740	7,382,341	24,666,341	40,675,100
No. 3.....	130	4,566,551	1,481	1,393,987	2,832,595	5,927,465
No. 4.....	1,111	149,726,476	30,665	40,015,247	108,433,612	187,250,960
No. 5.....	273	34,724,723	7,511	10,182,938	17,575,021	37,677,495
No. 6.....	61	1,021,445	392	383,248	807,613	1,586,931
No. 7.....	19	50,456,008	2,714	4,599,178	8,978,541	23,848,370
No. 8.....	80	2,138,985	653	738,190	831,711	2,102,629
No. 9.....	58	9,041,763	1,026	1,368,411	5,388,714	9,842,255
No. 10.....	8	31,530	13	4,009	5,613	20,509
Totals.....	1,879	300,841,677	49,768	66,727,184	170,357,991	311,046,478
Yukon and Northwest Territories—						
	9	666,281	78	123,276	97,240	266,745

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

12.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1941

County	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$
Prince Edward Island—						
Kings.....	65	441,115	237	106,661	489,915	737,266
Prince.....	72	705,031	339	172,210	959,472	1,323,197
Queens.....	76	1,960,223	529	402,012	1,780,046	2,589,013
Totals	213	3,106,369	1,105	680,883	3,229,433	4,649,476
Nova Scotia—						
Annapolis.....	39	957,246	508	325,787	852,804	1,578,804
Antigonish.....	22	125,424	123	72,709	275,345	435,760
Cape Breton.....	87	35,521,323	3,492	5,558,463	17,079,244	32,266,919
Colchester.....	70	4,612,364	1,725	1,397,377	3,501,788	6,113,079
Cumberland.....	84	6,540,563	1,701	1,502,111	3,081,259	5,590,981
Digby.....	86	719,081	851	545,415	924,966	1,901,880
Guysboro.....	31	339,122	231	102,118	349,109	543,598
Halifax.....	180	36,949,234	6,880	8,996,053	32,581,875	50,440,540
Hants.....	62	3,339,431	1,052	792,047	2,262,805	3,883,788
Inverness.....	54	180,332	188	60,506	274,398	446,959
Kings.....	80	1,121,528	786	488,830	1,575,652	2,526,410
Lunenburg.....	117	2,269,642	1,125	825,223	1,889,481	3,522,983
Pictou.....	86	13,508,851	3,151	3,884,733	6,592,819	11,903,100
Queens.....	28	13,517,236	1,027	1,537,185	2,148,162	6,000,277
Richmond.....	21	49,772	84	16,283	29,230	61,325
Shelburne.....	46	886,157	551	437,271	1,256,982	2,301,060
Victoria.....	17	74,667	63	19,420	64,999	122,191
Yarmouth.....	67	3,697,818	1,039	965,808	2,038,903	4,233,774
Totals	1,177	124,409,791	24,577	27,527,339	76,779,821	133,873,428
New Brunswick—						
Albert.....	14	593,525	158	117,358	689,785	1,399,306
Carleton.....	43	1,142,314	470	368,801	1,078,528	1,728,625
Charlotte.....	54	10,201,395	2,094	1,831,916	5,345,148	9,168,306
Gloucester.....	70	10,344,372	1,380	1,580,591	3,190,017	7,852,489
Kent.....	43	226,492	194	65,096	257,108	399,622
Kings.....	48	776,562	358	289,437	1,083,835	1,928,974
Madawaska.....	32	6,207,288	831	1,152,908	3,229,312	8,124,625
Northumberland.....	54	1,545,448	829	596,966	1,622,041	2,585,545
Queens.....	22	410,631	216	178,115	462,384	956,623
Restigouche.....	47	22,357,322	1,842	2,586,937	5,499,882	14,172,015
Saint John.....	141	27,007,372	5,660	7,050,366	22,756,210	38,648,038
Sunbury.....	8	164,881	83	68,217	173,547	262,097
Victoria.....	23	753,919	422	333,126	780,587	1,394,524
Westmorland.....	112	10,521,916	3,644	4,252,812	10,342,304	17,277,066
York.....	80	5,699,362	1,419	1,245,761	2,723,419	5,535,871
Totals	791	97,952,799	19,600	21,718,407	59,234,107	111,433,726
Quebec²—						
Abitibi.....	168	1,459,750	779	537,204	1,770,897	2,805,004
Argenteuil.....	61	13,308,060	4,238	4,991,276	7,429,819	15,882,751
Arthabaska.....	120	5,353,898	2,483	2,297,585	5,677,695	10,158,974
Bagot.....	69	2,485,602	971	742,771	2,835,167	4,643,084
Beauce.....	176	2,351,856	1,439	894,764	2,308,883	3,993,880
Beauharnois.....	53	41,842,335	7,752	9,141,908	16,776,577	34,302,254
Bellechasse.....	96	480,185	242	99,819	707,160	952,764
Berthier.....	83	4,437,272	794	541,894	1,953,625	3,381,945
Bonaventure.....	92	1,047,140	465	318,998	843,967	1,636,878
Brome.....	32	463,369	196	136,208	708,101	958,866
Chamblay.....	39	7,130,946	5,332	8,583,233	4,453,853	19,068,190
Champlain.....	184	48,126,362	4,786	5,426,635	13,918,443	26,295,959
Charlevoix East.....	38	3,919,110	297	362,282	900,911	2,203,217
Charlevoix West.....	37	163,068	79	34,378	111,947	183,625
Châteauguay.....	31	483,498	265	181,111	932,197	1,432,193
Chicoutimi.....	163	121,105,329	5,510	8,037,818	24,979,279	69,258,299
Compton.....	66	7,667,924	1,419	1,449,329	3,813,294	7,412,445
Doux-Montagnes.....	32	509,626	163	100,627	535,085	736,439
Dorchester.....	101	1,037,180	434	253,113	1,327,043	1,880,197

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.² See footnote 2, p. 90.

12.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1941—continued

County	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$
Quebec²—concluded						
Drummond.....	77	20,526,654	6,154	6,441,698	8,884,119	24,476,303
Frontenac.....	91	1,209,891	937	577,808	1,616,005	2,488,416
Gaspé East.....	97	3,064,740	723	635,979	1,826,854	3,970,774
Gaspé West.....	33	270,002	323	191,311	581,063	984,444
Gatineau.....	52	373,796	186	99,809	600,821	870,842
Hull.....	60	53,137,422	4,850	6,764,341	17,281,628	36,279,903
Huntingdon.....	32	1,496,648	526	558,949	1,783,593	2,864,431
Iberville.....	29	649,676	212	178,591	822,596	1,195,007
Jesus Island.....	17	1,608,245	328	296,713	504,225	1,000,603
Joliette.....	106	5,393,935	2,019	1,790,315	4,840,993	8,711,226
Kamouraska.....	80	1,048,210	521	325,360	1,056,526	1,593,515
Labelle.....	73	801,792	295	198,208	927,038	1,457,834
Lac St. Jean East.....	60	17,453,770	862	1,472,520	3,298,607	8,126,183
Lac St. Jean West.....	146	14,323,614	984	1,215,955	3,050,677	6,904,169
Laprairie.....	28	3,774,878	707	856,040	1,287,017	3,015,747
L'Assomption.....	61	21,483,136	5,080	5,341,054	3,947,745	10,874,981
Lévis.....	65	13,618,793	2,442	3,292,720	4,591,147	12,824,673
L'Islet.....	85	1,022,679	444	367,728	815,580	1,375,594
Lotbinière.....	101	647,165	415	200,305	1,226,331	1,654,467
Madeleine Islands.....	25	118,985	209	52,256	320,439	455,676
Maskinongé.....	77	3,379,934	1,146	1,040,319	3,083,359	5,656,509
Matane.....	71	2,297,390	873	626,730	1,682,429	3,375,007
Matapédia.....	62	1,240,537	580	405,913	1,756,613	2,435,752
Mégantic.....	101	2,591,755	1,225	888,108	2,364,953	3,987,232
Missisquoi.....	55	10,785,122	3,050	2,839,787	6,485,661	12,764,450
Montcalm.....	55	678,399	289	146,309	757,606	1,025,912
Montmagny.....	78	3,450,299	1,305	1,148,074	2,487,200	4,744,901
Montmorency No. 1.....	45	10,445,243	436	543,732	1,127,348	3,327,982
Montmorency No. 2.....	15	69,315	35	18,743	94,669	128,167
(Isle d'Orléans)						
Montreal and Island.....	2,821	695,048,815	168,596	219,387,952	563,136,622	999,269,174
Napierville.....	19	1,013,224	382	243,357	1,631,332	2,610,630
Nicolet.....	115	1,493,579	642	414,837	2,171,655	3,076,815
Papineau.....	95	10,081,945	1,405	1,720,921	3,704,539	8,143,190
Pontiac.....	34	705,223	226	133,304	732,796	993,890
Portneuf.....	168	16,061,980	2,040	2,221,941	6,161,543	13,156,322
Quebec.....	375	88,523,749	19,486	21,887,736	32,426,502	72,145,493
Richelieu.....	64	46,745,872	5,046	4,855,176	10,597,094	21,033,863
Richmond.....	64	8,757,836	1,896	2,152,562	5,008,148	10,987,740
Rimouski.....	111	2,800,072	1,083	773,605	2,547,680	4,193,302
Rivière du Loup.....	97	2,012,135	604	549,202	1,783,894	2,841,477
Rouville.....	60	1,999,028	890	570,126	2,498,613	3,505,556
Saguenay.....	45	26,501,327	1,264	1,541,062	3,531,901	9,298,756
Shefford.....	99	17,229,792	4,898	4,636,708	10,868,702	22,782,725
Sherbrooke.....	93	28,128,988	7,828	8,592,969	17,371,070	37,742,333
Soulanges.....	24	450,547	178	154,621	358,938	1,139,746
Stanstead.....	73	13,527,212	4,387	4,346,111	21,168,298	32,475,846
St. Hyacinthe.....	117	12,327,817	5,136	4,409,465	11,717,759	19,856,020
St. Jean.....	60	12,928,587	3,851	4,383,338	7,286,271	15,608,498
St. Maurice.....	142	176,938,519	13,260	18,220,300	44,564,700	113,254,077
Témiscamingue.....	83	40,195,298	1,793	2,773,397	21,751,486	36,340,649
Témiscouata.....	70	759,747	688	539,018	1,244,594	2,218,450
Terrebonne.....	137	25,805,372	5,234	4,590,382	10,097,341	19,451,837
Vaudreuil.....	38	649,712	275	202,760	512,859	1,146,480
Verchères.....	47	8,251,924	1,140	1,503,071	5,446,106	9,532,917
Wolfe.....	72	735,051	295	226,780	707,857	1,141,780
Yamaska.....	70	519,519	248	142,642	1,047,124	1,333,317
Totals.....	8,711	1,700,527,405	327,591	393,819,671	961,162,209	1,841,088,523

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

² In 1941 several counties were sub-divided as follows:—

Charlevoix.....	into	Charlevoix East and Charlevoix West.
Gaspé.....	"	Gaspé East, Gaspé West and Madeleine Islands.
Hull.....	"	Gatineau and Hull.
Lac St. Jean.....	"	Lac St. Jean East and Lac St. Jean West.
Matane.....	"	Matane and Matapédia.
Montmorency.....	"	Montmorency No. 1 and Montmorency No. 2 (Ile d'Orléans).
Montreal and Jesus Is.....	"	Jesus Island and Montreal Island.
Témiscouata.....	"	Rivière du Loup and Témiscouata.

12.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1941—continued

County	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$
Ontario—						
Addington.....	36	1,109,657	258	208,996	1,072,739	1,664,215
Algoma.....	98	60,971,776	6,219	10,109,089	22,481,273	46,824,991
Brant.....	154	47,841,541	11,898	14,928,209	26,325,630	56,948,474
Bruce.....	134	5,893,000	2,202	2,120,355	5,994,761	9,781,803
Carleton.....	296	39,546,337	10,641	14,518,208	22,116,078	48,231,406
Cochrane.....	96	78,468,803	3,491	5,333,355	8,706,950	26,646,882
Dufferin.....	35	943,255	263	218,564	1,372,161	1,860,380
Dundas.....	66	2,781,675	521	543,536	4,252,198	5,237,545
Durham.....	64	8,979,429	2,019	2,634,217	5,320,088	12,979,806
Elgin.....	86	5,540,802	1,703	1,939,447	6,575,882	10,449,668
Essex.....	301	159,017,937	32,073	60,611,223	188,621,192	313,289,893
Frontenac.....	117	24,613,657	4,198	5,199,519	11,046,330	21,089,653
Glengarry.....	89	610,428	296	165,824	1,138,009	1,929,725
Grenville.....	61	6,629,205	1,322	1,541,983	5,748,951	8,829,254
Grey.....	168	12,048,785	4,071	4,230,381	8,160,114	17,004,311
Haldimand.....	62	6,098,261	1,201	1,420,755	4,122,054	7,554,018
Haliburton.....	18	597,516	256	214,424	466,291	706,822
Halton.....	91	14,009,730	3,068	3,457,326	13,025,379	19,173,815
Hastings.....	217	29,375,579	5,335	5,870,315	13,620,936	30,179,764
Huron.....	139	5,024,526	1,378	1,346,184	5,924,242	11,141,825
Kenora.....	54	16,536,657	1,291	1,932,139	11,321,230	17,894,560
Kent.....	136	27,621,440	4,903	6,373,089	22,967,454	36,392,081
Lambton.....	118	27,020,026	4,669	7,273,882	37,511,003	52,935,282
Lanark.....	112	12,661,130	3,075	3,448,676	6,860,124	13,467,206
Leeds.....	133	10,935,069	2,371	2,802,538	14,587,794	23,352,740
Lennox.....	42	1,373,721	330	297,666	1,080,233	1,758,463
Lincoln.....	159	53,388,325	12,254	17,871,519	48,089,762	84,578,223
Manitoulin.....	20	156,402	82	46,759	278,749	382,222
Middlesex.....	335	48,581,842	12,731	16,248,754	38,614,213	74,279,737
Muskoka.....	54	4,152,533	1,045	1,083,208	3,238,311	5,908,169
Nipissing.....	80	3,928,860	1,138	1,195,688	2,700,121	5,069,873
Norfolk.....	69	12,254,706	2,107	2,024,083	14,377,538	20,157,322
Northumberland.....	116	5,322,036	1,481	1,444,455	5,316,179	8,769,925
Ontario.....	121	43,843,820	10,656	16,409,469	80,837,554	112,494,427
Oxford.....	176	19,097,732	5,577	6,551,022	19,105,109	33,941,552
Parry Sound.....	73	17,235,816	5,051	6,193,031	11,580,371	20,144,017
Peel.....	67	23,574,705	5,009	7,800,234	10,209,964	19,775,162
Perth.....	157	17,291,967	4,408	5,557,620	15,063,406	25,636,370
Peterborough.....	120	27,611,751	7,227	9,811,315	31,465,666	49,067,220
Prescott.....	112	5,173,758	824	1,043,984	3,584,853	6,716,764
Prince Edward.....	66	2,767,504	743	510,857	2,965,728	4,442,421
Rainy River.....	33	9,432,448	989	1,364,865	2,965,583	5,857,910
Renfrew.....	168	12,737,587	3,358	3,394,584	8,018,791	15,418,093
Russell.....	71	558,371	247	136,116	1,322,161	1,678,379
Simcoe.....	195	15,153,955	4,917	6,136,030	13,003,426	24,276,382
Stormont.....	99	36,130,176	5,613	7,206,641	12,441,887	31,542,556
Sudbury.....	100	81,873,891	6,027	10,306,657	63,397,028	102,654,315
Thunder Bay.....	133	54,865,562	9,209	12,818,114	14,826,211	49,304,477
Temiskaming.....	76	3,147,670	990	1,117,026	2,109,538	4,097,349
Victoria.....	73	5,423,846	1,830	2,032,560	4,472,635	8,010,849
Waterloo.....	407	89,396,645	25,296	30,986,133	69,631,647	134,090,940
Welland.....	226	163,098,730	22,074	34,230,616	128,690,276	248,334,170
Wellington.....	189	21,844,881	8,005	9,320,469	19,818,344	39,018,874
Wentworth.....	541	267,469,936	47,423	75,657,796	139,931,921	294,560,068
York.....	3,291	685,023,487	152,867	213,482,773	465,436,148	894,224,220
Totals.....	10,250	2,336,788,884	468,230	660,722,278	1,683,912,216	3,121,756,568
Manitoba—						
No. 1.....	35	262,610	135	70,723	770,332	946,181
No. 2.....	35	530,040	128	97,124	788,711	1,016,305
No. 3.....	22	224,068	74	56,789	619,265	785,066
No. 4.....	12	119,572	35	30,668	192,821	255,406
No. 5.....	33	18,373,929	2,098	3,236,443	4,803,781	10,302,615
No. 6.....	754	127,773,521	26,821	34,190,898	106,226,692	171,356,455
No. 7.....	57	2,577,784	521	551,268	2,758,587	4,222,191
No. 8.....	14	244,414	73	63,713	728,780	963,276
No. 9.....	21	3,068,720	831	1,142,094	1,563,892	4,156,224
No. 10.....	19	847,854	125	117,193	642,407	910,397

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

12.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1941—concluded

County	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$
Manitoba—concluded						
No. 11.....	24	284,588	100	69,474	834,044	1,017,923
No. 12.....	27	231,216	89	56,776	759,477	971,490
No. 13.....	27	274,321	133	85,966	718,515	933,394
No. 14.....	29	185,096	116	54,856	365,525	503,395
No. 15.....	21	255,169	80	43,113	321,875	499,354
No. 16.....	54	8,236,569	903	1,027,169	10,236,119	12,695,019
Totals.....	1,184	163,489,471	32,262	40,894,267	132,330,823	211,534,751
Saskatchewan—						
No. 1.....	25	1,250,751	109	139,788	724,350	1,098,506
No. 2.....	13	459,884	69	72,325	449,349	632,239
No. 3.....	14	121,570	31	17,913	31,650	84,437
No. 4.....	9	83,924	19	19,540	104,511	160,195
No. 5.....	35	377,339	142	119,115	1,412,643	1,746,448
No. 6.....	121	11,678,121	2,298	3,293,047	17,113,426	26,065,554
No. 7.....	50	7,576,019	1,192	1,684,920	15,988,555	21,131,462
No. 8.....	23	564,559	128	125,571	567,654	891,587
No. 9.....	57	983,998	382	269,197	1,412,980	2,123,940
No. 10.....	18	218,066	65	56,269	624,326	775,902
No. 11.....	98	8,634,048	1,518	2,012,888	11,045,148	16,853,797
No. 12.....	21	192,451	51	44,772	265,952	371,130
No. 13.....	19	133,051	45	36,114	198,429	295,528
No. 14.....	131	1,408,139	905	545,653	1,327,103	3,021,390
No. 15.....	69	3,053,006	783	896,644	5,750,891	7,818,610
No. 16.....	65	632,513	293	196,152	1,054,111	1,568,677
No. 17.....	63	217,750	180	89,229	529,713	776,333
No. 18.....	18	4,346,549	248	343,356	7,250,951	10,520,124
Not located.....	96	227,000	118	17,481	34,566	85,116
Totals.....	945	42,158,738	8,546	9,979,974	65,836,308	96,020,975
Alberta—						
No. 1.....	29	6,801,871	909	962,672	5,594,016	8,034,265
No. 2.....	69	7,879,857	1,047	1,144,602	4,247,025	8,620,546
No. 3.....	10	2,113,046	362	441,750	740,689	1,760,047
No. 4.....	29	4,030,135	321	394,446	2,412,980	4,685,559
No. 5.....	11	81,987	27	21,738	176,663	225,234
No. 6.....	264	45,339,211	5,543	7,614,673	33,398,138	51,987,992
No. 7.....	33	527,871	114	99,188	1,044,121	1,393,838
No. 8.....	68	1,405,860	361	370,885	2,910,309	3,879,644
No. 9.....	78	952,113	786	538,747	1,355,473	2,503,368
No. 10.....	41	352,554	123	98,828	1,004,833	1,312,260
No. 11.....	252	23,924,177	5,694	7,417,130	38,726,791	53,400,067
No. 12.....	42	723,362	565	458,017	716,351	1,543,847
No. 13.....	41	195,038	99	47,641	471,160	603,606
No. 14.....	62	683,887	437	318,349	893,969	1,700,590
No. 15.....	25	352,361	139	117,298	255,357	527,707
No. 16.....	50	284,688	189	88,520	204,772	415,219
No. 17.....	4	28,800	45	17,221	24,240	57,704
Totals.....	1,108	95,676,318	16,761	20,151,705	94,176,887	142,651,493
British Columbia—						
No. 1.....	39	2,000,175	692	829,565	1,087,712	2,534,830
No. 2.....	91	48,793,147	5,274	9,524,134	28,569,029	48,620,646
No. 3.....	126	4,752,845	1,545	1,501,679	3,305,267	5,980,217
No. 4.....	1,141	170,821,438	39,580	54,741,490	141,971,082	258,706,241
No. 5.....	282	46,983,601	9,346	13,589,385	24,766,273	50,712,132
No. 6.....	68	1,153,887	509	464,370	894,141	1,735,625
No. 7.....	19	53,722,319	2,868	5,205,426	11,391,629	28,052,346
No. 8.....	69	2,442,037	721	546,019	1,105,395	2,766,788
No. 9.....	59	9,878,957	1,932	2,539,858	6,635,659	13,782,236
No. 10.....	11	60,773	30	14,552	29,551	66,746
Totals.....	1,905	340,609,179	62,447	89,256,478	219,755,738	412,957,807
Total, Yukon and North-west Territories.....	9	785,012	59	111,641	129,477	341,377

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

APPENDIX I

Principal Statistics of the Manufacturing Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1911

MONTREAL

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross value of Products
	No.	\$	No.	\$	\$	\$
Vegetable Products—						
Aerated and mineral waters.....	26	5,040,699	1,007	1,361,030	2,133,520	7,915,056
Biscuits, confectionery, cocoa, etc.	38	10,702,254	3,222	3,230,332	9,776,693	17,814,072
Bread and other bakery products.....	128	5,023,319	2,699	2,804,069	4,878,748	10,000,351
Breweries.....	6	25,515,980	1,996	3,507,075	12,767,295	21,749,719
Distilleries.....	3	2,966,993	273	571,160	935,744	2,330,721
Flour and feed mills.....	3	4,949,500	599	1,017,538	10,336,852	12,584,606
Foods, stock and poultry.....	8	1,379,808	187	225,030	3,524,667	4,330,952
Foods, miscellaneous.....	51	7,811,084	1,109	1,393,072	9,313,873	13,545,705
Fruit and vegetable preparations.....	24	3,826,296	884	883,082	3,185,262	4,867,365
Malt and malt products.....	3	2,045,970	80	126,224	808,214	1,303,856
Rubber goods, including rubber footwear.....	4	2,745,886	1,118	1,280,163	3,191,764	5,736,284
Tobacco, cigars and cigarettes.....	34	46,822,837	6,189	6,137,925	19,128,828	39,333,248
Vegetable oil mills.....	3	1,512,747	148	192,628	2,855,896	3,930,897
All other vegetable products.....	7	13,969,676	1,048	1,476,230	22,088,621	26,850,875
Totals.....	338	134,313,049	20,559	24,205,558	104,925,977	172,293,797
Animal Products—						
Belting, leather.....	6	664,682	146	234,540	522,179	940,799
Boot and shoe findings, leather.....	7	406,724	94	88,849	128,501	321,388
Boots and shoes, leather.....	61	9,644,975	6,702	6,386,378	11,508,396	19,787,879
Butter and cheese.....	8	5,820,062	1,687	2,204,279	5,377,131	10,292,616
Cheese, processed.....	3	133,585	52	52,045	131,443	208,612
Dairy products, other.....	7	592,779	108	149,336	468,884	965,349
Fur dressing and dyeing.....	6	1,113,011	461	562,175	128,665	993,307
Fur goods.....	124	6,864,713	1,667	2,254,490	8,327,799	11,604,092
Gloves and mittens, leather.....	16	1,546,504	852	823,101	1,343,818	2,424,024
Leather tanneries.....	7	733,667	224	229,266	747,720	1,061,390
Miscellaneous leather goods.....	43	2,390,975	1,734	1,460,745	2,779,299	4,891,186
Sausage and sausage casings.....	18	261,063	140	149,013	609,666	928,082
Slaughtering and meat packing.....	18	10,374,086	2,101	2,826,545	34,906,358	40,671,913
Totals.....	324	40,546,826	15,968	17,420,762	66,979,859	95,090,637
Textiles and Textile Products—						
Awnings, tents and sails.....	10	400,828	142	157,451	521,376	807,261
Bags, cotton and jute.....	7	3,836,277	393	436,870	5,094,879	6,211,733
Clothing, men's factory.....	175	23,536,007	9,566	10,694,620	29,216,283	47,848,672
Clothing, women's factory.....	374	25,512,132	16,058	15,606,768	37,700,610	63,088,896
Clothing contractors, men's and women's.....	103	827,144	2,159	2,037,280	158,942	2,645,049
Corsets.....	5	306,122	209	201,503	349,807	566,262
Cotton and wool waste.....	5	359,172	108	93,391	431,613	645,669
Cotton textiles, n.e.s.....	26	1,577,201	733	599,398	2,087,021	3,145,637
Cotton thread.....	3	3,626,945	689	759,115	1,774,056	4,041,627
Cotton yarn and cloth.....	4	15,019,697	4,282	5,069,106	10,769,065	21,161,641
Dyeing and finishing of textiles.....	7	362,139	137	148,673	108,881	446,595
Hats and caps.....	70	3,897,767	2,498	2,556,474	4,107,275	8,072,103
Hosiery and knitted goods.....	28	4,305,628	2,380	2,069,946	3,844,292	6,924,350
Miscellaneous textiles.....	6	9,292,353	1,220	1,747,842	6,298,792	11,944,112
Narrow fabrics.....	9	902,499	435	490,725	367,978	780,318
Oiled and waterproofed clothing.....	6	516,476	269	283,108	689,830	1,089,189
Silk and artificial silk.....	3	5,255,392	213	450,646	90,528	320,516
All other industries.....	7	2,424,309	244	330,252	773,647	1,531,088
Totals.....	848	101,958,088	41,735	43,733,168	104,384,879	181,270,738
Wood and Paper Products—						
Blue printing.....	4	102,418	53	74,714	46,502	183,987
Boxes and bags, paper.....	23	5,632,580	1,935	2,052,927	5,319,134	9,153,970
Boxes, wooden.....	6	644,698	368	369,952	526,539	1,096,909
Carriages, wagons and sleighs.....	5	97,752	47	54,343	38,068	121,012
Coffins and caskets.....	3	35,013	23	20,420	29,382	56,656
Cooperage.....	5	213,688	65	72,693	271,356	432,423
Engraving, stereotyping and elec- trotyping.....	24	1,170,579	507	874,506	253,823	1,547,203
Furniture.....	52	3,244,990	1,635	1,831,159	2,554,186	5,481,921
Lasts, trees and shoe findings.....	6	933,438	485	448,590	147,890	1,088,562
Lithographing.....	6	1,822,788	449	793,596	1,117,862	2,468,801

Principal Statistics of the Manufacturing Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1941—continued

MONTREAL—continued

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross value of Products
	No.	\$	No.	\$	\$	\$
Wood and Paper Products—Conc:						
Miscellaneous paper products.....	27	1,739,826	556	603,582	1,666,138	3,012,060
Miscellaneous wooden products.....	15	230,040	142	181,525	139,768	421,006
Planing mills, sash and door fac- tories.....	23	1,378,650	550	594,231	1,312,055	3,148,536
Printing and bookbinding.....	263	8,489,379	3,081	4,131,084	3,735,494	9,925,601
Printing and publishing.....	22	10,512,650	3,284	5,000,421	3,105,253	12,624,464
Refrigerators, other than electric..	3	182,048	88	98,672	93,553	278,589
Trade composition.....	8	257,150	115	152,989	24,765	261,575
All other industries.....	11	2,987,592	523	717,385	1,468,331	3,394,026
Totals.....	506	39,675,279	13,906	18,072,789	22,100,099	54,697,301
Iron and Its Products—						
Automobile supplies.....	7	152,605	74	96,186	102,656	255,576
Boilers, tanks and engines.....	6	3,881,686	849	1,512,911	2,297,451	5,100,317
Castings, iron.....	10	13,241,024	1,924	2,989,301	5,134,975	10,993,918
Hardware and tools.....	18	7,031,021	1,366	2,017,595	2,349,784	7,887,792
Misc. iron and steel products.....	33	1,075,254	469	617,438	798,052	1,686,973
Machinery.....	22	4,799,497	1,288	2,139,910	2,908,512	6,844,392
Machine shops.....	27	1,697,499	669	1,207,454	460,024	2,657,639
Primary iron and steel.....	5	13,584,424	2,650	4,528,639	5,236,160	12,801,396
Railway rolling stock.....	7	42,761,785	12,755	21,299,630	27,646,690	50,363,230
Sheet metal products.....	23	14,501,225	2,970	3,832,582	9,074,680	16,303,729
Shipbuilding and repairs.....	3	7,995,982	2,643	5,387,745	6,353,069	15,782,153
Wire and wire goods.....	14	4,375,695	646	848,062	964,719	4,266,523
All other industries.....	7	6,432,306	2,783	4,934,560	4,782,315	10,639,402
Totals.....	182	121,530,003	31,086	51,412,013	68,109,015	145,583,040
Non-ferrous Metal Products—						
Aluminum products.....	3	54,915	26	24,479	42,702	98,757
Brass and copper products.....	30	13,621,997	3,480	5,059,738	15,702,599	27,985,604
Electrical apparatus and supplies..	25	33,010,611	8,992	12,659,138	16,763,681	38,579,695
Jewellery and silverware.....	33	1,759,833	886	1,010,688	1,371,166	3,243,423
Miscellaneous non-ferrous metal products.....	3	237,356	148	165,104	246,828	677,231
White metal alloys.....	12	2,194,957	248	391,240	3,764,639	5,155,409
Totals.....	106	50,879,669	13,780	19,310,387	37,891,575	75,740,119
Non-metallic Mineral Products—						
Asbestos products.....	3	1,113,656	415	459,631	714,236	1,360,153
Cement products.....	11	670,993	142	165,148	233,727	568,882
Glass products.....	14	4,056,407	847	1,012,864	1,067,515	2,773,116
Miscellaneous non-metallic mineral products.....	8	950,794	138	187,234	549,232	1,350,258
Stone, monumental and orna- mental.....	10	440,506	75	96,401	54,315	207,276
All other industries.....	9	16,762,358	982	526,850	12,832,245	22,097,170
Totals.....	55	23,994,714	2,599	2,448,128	15,451,270	28,356,855
Chemicals and Allied Products—						
Adhesives.....	6	640,645	103	131,364	369,960	747,058
Gases, compressed.....	6	1,914,027	188	319,413	170,959	1,417,188
Inks, printing and writing.....	6	306,694	62	117,873	249,527	500,817
Medicinal and pharmaceutical pre- parations.....	52	8,741,749	1,552	2,083,791	4,445,483	10,623,293
Miscellaneous chemical products.....	21	561,328	129	147,650	493,458	819,054
Paints, pigments and varnishes....	21	13,707,567	1,461	2,362,554	8,373,659	14,986,650
Polishes and dressings.....	8	711,467	78	81,593	349,860	629,532
Soaps, washing compounds.....	30	1,494,092	336	498,868	789,839	2,212,851
Toilet preparations.....	26	2,423,718	505	531,022	1,046,931	2,953,431
All other industries.....	5	2,246,292	158	266,795	1,763,178	2,799,602
Totals.....	181	32,747,579	4,572	6,530,923	18,052,854	37,689,476

**Principal Statistics of the Manufacturing Industries Located in the Cities of
Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1941—continued**

MONTREAL—concluded

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross value of Products
	No.	\$	No.	\$	\$	\$
Miscellaneous Industries—						
Artificial flowers and feathers.....	16	336,555	432	301,082	274,480	704,812
Brooms, brushes and mops.....	20	452,498	279	220,985	443,383	807,926
Buttons.....	10	528,884	417	340,894	397,513	915,317
Candles.....	4	277,060	52	54,925	125,840	248,019
Ice, manufactured.....	3	334,818	110	127,718	7,809	233,464
Lamps, electric, and lamp shades.....	5	134,832	81	59,424	117,806	255,520
Mattresses and springs.....	14	3,867,715	1,205	1,540,897	3,841,740	6,443,073
Regalia and society emblems.....	3	49,926	16	18,429	26,002	63,929
Scientific and professional equip- ment.....	6	500,057	151	208,541	96,302	361,892
Signs, electric, neon and other.....	4	902,962	104	146,079	46,212	387,063
Sporting goods.....	5	200,853	111	83,517	116,958	241,429
Stamps and stencils, rubber and metal.....	8	301,306	91	123,346	65,185	274,737
Statuary, art goods and novelties..	14	195,264	154	154,426	101,989	310,206
Umbrellas.....	3	238,311	83	70,743	188,758	347,227
All other industries.....	14	2,571,775	426	654,711	812,379	1,369,354
Totals.....	129	10,892,816	3,712	4,105,717	6,662,356	12,963,968
Totals, Montreal.....	2,669	556,538,023	147,917	187,239,445	444,557,884	803,685,931

TORONTO

Vegetable Products—						
Aerated and mineral waters.....	18	4,473,531	1,089	1,660,793	2,020,906	6,633,998
Biscuits, confectionery, cocoa, etc.	48	21,850,952	5,601	6,535,801	15,048,080	30,991,434
Bread and other bakery products..	271	11,547,465	4,965	5,819,868	8,501,275	18,675,871
Breweries.....	5	8,187,347	575	1,238,768	2,668,854	5,252,279
Flour and feed mills.....	7	2,579,451	319	479,400	4,280,418	5,534,797
Foods, breakfast.....	6	270,949	74	85,967	135,812	429,697
Foods, stock and poultry.....	8	2,055,270	327	498,805	3,394,503	4,584,221
Foods, miscellaneous.....	59	11,664,481	1,648	2,382,931	13,829,428	19,697,755
Fruit and vegetable preparations..	19	1,136,175	266	265,058	857,159	1,491,862
Macaroni, vermicelli, etc.....	3	253,445	93	76,930	307,030	424,263
Rubber goods, including rubber footwear.....	11	15,148,052	3,782	5,761,811	12,199,443	24,118,371
Tobacco, cigars and cigarettes.....	10	2,719,977	464	499,458	1,036,095	2,421,635
Wine.....	5	790,689	82	144,148	198,921	492,294
All other industries.....	5	6,267,526	339	629,181	4,982,888	7,924,034
Totals.....	475	88,945,310	19,624	26,078,919	69,460,812	128,672,511
Animal Products—						
Belting, leather.....	3	286,533	78	98,723	328,239	488,359
Boots and shoes, leather.....	21	1,589,487	1,065	1,136,559	1,688,908	3,196,414
Butter and cheese.....	10	7,485,724	1,669	2,495,269	6,158,416	11,146,942
Cheese, processed.....	3	126,322	41	38,461	566,688	733,433
Dairy products, other.....	5	135,071	50	52,084	183,387	294,746
Fur dressing and dyeing.....	6	403,461	323	360,061	151,018	608,299
Fur goods.....	132	5,381,283	1,300	1,946,167	6,332,236	9,450,904
Gloves and mittens, leather.....	5	103,445	52	47,645	87,311	170,379
Leather tanneries.....	6	3,287,233	691	861,911	2,940,024	4,525,564
Miscellaneous leather goods.....	61	3,174,325	1,811	1,700,662	3,198,947	5,928,785
Sausage and sausage casings.....	15	470,610	96	111,409	654,235	807,849
Slaughtering and meat packing.....	21	31,837,464	3,604	5,606,020	63,059,329	72,423,246
All other industries.....	5	263,950	71	81,048	249,229	445,260
Totals.....	293	54,544,908	10,851	14,535,999	85,597,967	110,220,180
Textiles and Textile Products—						
Awnings, tents and sails.....	15	353,317	148	145,513	340,488	584,048
Bags, cotton and jute.....	6	1,346,240	199	199,190	1,478,770	1,997,860
Clothing, men's factory.....	78	11,704,425	6,345	7,885,040	13,779,731	24,115,590
Clothing, women's factory.....	218	9,414,422	5,835	6,852,511	12,801,622	22,636,604
Clothing contractors, men's and women's.....	26	119,476	255	305,672	35,368	414,473
Corsets.....	11	1,174,241	528	545,622	858,540	1,733,308
Cotton and wool waste.....	6	667,308	200	179,019	1,165,559	1,649,766
Misc. cotton textiles.....	21	2,211,385	860	804,311	2,415,268	3,857,006

Principal Statistics of the Manufacturing Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1941—continued.

TORONTO—continued

Industry	Establishments	Capital	Employees	Salaries and Wages	Cost of Materials	Gross value of Products
	No.	\$	No.	\$	\$	\$
Textiles and Textile Products— concluded						
Dyeing and finishing of textiles...	10	1,350,425	351	557,008	190,548	1,022,430
Hats and caps...	63	2,378,688	1,481	1,686,199	2,489,420	4,997,890
Hosiery and knitted goods...	40	7,536,189	3,159	3,222,609	5,825,933	10,324,469
Narrow fabrics, trimmings, etc...	12	685,930	272	285,605	347,217	807,825
Oiled and waterproofed clothing...	5	1,335,121	729	643,349	2,000,741	3,376,763
Woolen cloth...	4	2,998,355	708	867,992	2,991,182	4,496,322
Woolen goods, miscellaneous...	11	1,634,106	353	499,329	3,164,629	4,218,194
Woolen yarn...	4	3,862,315	905	929,801	2,958,358	4,873,663
All other industries...	12	5,587,733	1,140	1,323,663	2,493,797	4,990,153
Totals	542	54,359,676	23,468	26,932,433	55,337,171	96,096,364
Wood and Paper Products—						
Blue printing...	3	61,871	26	35,558	36,377	112,103
Boxes and bags, paper...	38	9,100,077	2,787	3,516,087	9,008,991	14,984,002
Boxes, wooden...	5	921,214	315	371,130	638,181	1,445,616
Coffins and caskets...	5	700,464	113	147,348	176,375	410,303
Engraving, stereotyping and electrotyping...	35	3,317,852	1,252	2,483,149	874,323	4,160,549
Furniture...	98	3,291,299	1,490	1,866,201	2,672,893	5,246,150
Lithographing...	15	4,198,858	1,025	1,830,321	2,174,359	4,759,643
Miscellaneous paper products...	52	5,777,271	1,325	1,780,612	3,816,496	7,584,456
Miscellaneous wooden products...	33	1,516,569	691	797,685	988,805	2,192,822
Planing mills, sash and door factories...	24	3,033,252	686	860,821	1,995,293	3,618,601
Printing and bookbinding...	301	17,389,295	5,371	7,331,699	8,557,572	20,530,775
Printing and publishing...	33	12,125,199	4,246	7,632,687	5,650,059	20,149,923
Pulp and paper...	6	4,340,596	500	1,035,981	3,577,202	7,101,217
Trade composition...	17	552,635	198	311,741	35,647	463,927
Wood turning...	3	24,229	13	11,684	5,547	25,914
All other industries...	13	2,596,372	432	570,260	1,502,172	3,066,143
Totals	681	68,947,053	20,470	30,582,964	41,710,292	95,882,144
Iron and Its Products—						
Automobile supplies...	21	7,729,383	2,636	3,867,003	5,633,177	11,970,469
Bicycles...	3	248,696	67	82,082	170,618	324,483
Boilers, tanks and engines...	7	8,543,779	1,511	2,564,296	3,304,136	7,583,061
Bridge and structural steel...	4	3,497,659	755	1,340,932	2,692,728	5,337,642
Castings, iron...	15	7,663,970	1,461	2,411,202	2,311,406	7,423,705
Hardware and tools...	46	5,577,836	1,460	2,350,912	1,719,631	6,632,418
Heating and cooking apparatus...	16	2,717,950	421	648,543	1,051,445	3,414,569
Miscellaneous iron and steel products...	32	22,647,763	5,487	8,509,918	2,528,022	12,093,164
Machinery...	71	31,262,922	5,470	8,778,842	9,802,176	33,776,980
Machine shops...	33	870,773	293	425,219	225,586	983,536
Sheet metal products...	36	12,624,303	3,443	4,851,627	7,931,278	17,232,540
Wire and wire goods...	15	897,500	261	354,238	958,277	1,791,848
All other industries...	11	33,742,230	5,905	9,194,463	5,972,955	24,450,168
Totals	310	138,030,264	29,170	45,379,277	44,301,435	133,014,583
Non-ferrous Metal Products—						
Aluminum products...	8	3,724,648	943	1,302,817	3,192,269	5,534,871
Brass and copper products...	40	6,608,600	2,131	2,880,692	3,528,836	8,949,050
Electrical apparatus and supplies...	92	31,268,807	8,376	11,762,143	22,574,283	49,898,185
Jewellery and silverware...	55	5,447,961	1,505	2,220,912	6,895,119	10,661,697
Miscellaneous non-ferrous metal products...	13	2,165,925	557	750,769	1,098,908	2,766,881
White metal alloys...	12	5,819,189	787	1,089,263	6,399,764	9,243,164
Totals	220	55,035,130	14,299	20,006,596	43,689,179	87,053,848
Non-metallic Mineral Products—						
Cement products...	10	634,443	149	206,399	487,854	1,094,798
Clay products from domestic clay...	5	1,089,695	162	189,300	8,235	355,716
Clay products from imported clay...	4	329,475	179	200,905	186,813	567,338
Glass products...	28	1,207,136	577	720,894	772,286	1,732,176

Principal Statistics of the Manufacturing Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1941—continued.

TORONTO—concluded

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross value of Products
	No.	\$	No.	\$	\$	\$
Non-metallic Mineral Products— concluded						
Miscellaneous non-metallic mineral products.....	6	307,589	72	95,404	116,525	370,739
Sand-lime brick.....	3	251,714	88	110,592	100,974	293,935
Stone, ornamental and monumental	23	730,794	217	316,518	233,350	884,836
All other industries.....	11	32,965,082	1,622	2,303,030	13,815,962	22,600,157
Totals.....	90	37,515,928	3,066	4,143,042	15,721,999	27,899,695
Chemicals and Allied Products—						
Acids, alkalies and salts.....	6	1,217,858	41	69,716	353,907	659,003
Adhesives.....	7	817,783	281	338,958	825,450	1,515,977
Gases, compressed.....	8	2,676,367	332	588,647	240,946	1,626,123
Inks, printing and writing.....	20	2,739,795	507	1,036,866	1,877,857	4,003,489
Medicinal and pharmaceutical pre- parations.....	50	9,281,356	1,462	1,990,909	3,545,336	9,086,280
Miscellaneous chemical products...	43	3,358,507	657	956,234	2,646,693	6,329,759
Paints, pigments and varnishes....	23	7,550,848	1,297	2,117,668	6,013,380	11,943,378
Polishes and dressings.....	22	715,816	179	251,136	765,983	1,443,218
Soaps, washing compounds, etc....	29	10,440,466	1,971	3,003,978	7,292,094	16,407,240
Toilet preparations.....	36	3,857,006	752	967,869	1,951,552	4,857,166
All other industries.....	5	2,081,781	176	286,046	1,868,284	2,862,278
Totals.....	249	44,737,583	7,655	11,588,027	27,381,482	60,733,911
Miscellaneous Industries—						
Artificial flowers and feathers....	9	269,121	228	161,538	154,620	346,962
Brooms, brushes and mops.....	13	1,165,552	344	392,420	740,782	1,485,489
Buttons.....	5	102,074	92	73,375	75,660	189,205
Fountain pens and pencils.....	5	1,050,349	349	370,524	509,931	1,441,124
Ice, manufactured.....	10	833,072	83	114,731	17,301	578,156
Lamps, electric, and lamp shades.	15	649,979	390	419,055	562,747	1,121,127
Mattresses and springs.....	25	2,319,868	830	1,091,535	2,659,971	4,417,426
Musical instruments.....	7	595,863	132	170,243	195,700	429,351
Regalia and society emblems.....	6	75,924	40	31,872	29,154	86,391
Scientific and professional equip- ment.....	14	838,311	259	303,883	374,223	1,011,130
Signs, electric, neon and other....	13	414,307	206	298,922	307,111	837,335
Sporting goods.....	4	644,519	140	178,403	243,966	435,709
Stamps and stencils, rubber and metal.....	8	278,249	104	152,337	38,946	294,209
Statuary, art goods and novelties..	21	466,418	308	272,609	375,038	781,317
Store and display accessories.....	4	79,472	67	57,688	43,411	143,593
Toys.....	11	762,857	519	387,206	684,317	1,427,652
Typewriter supplies.....	5	865,564	176	317,320	451,377	1,086,177
Umbrellas.....	3	138,137	64	69,979	206,702	325,339
All other industries.....	7	652,112	165	156,235	457,622	913,011
Totals.....	185	12,201,748	4,496	5,019,875	8,128,579	17,350,703
Totals, Toronto.....	3,045	554,317,600	133,099	184,267,132	391,328,916	756,923,939

HAMILTON

Vegetable Products—						
Aerated and mineral waters.....	12	666,239	135	173,949	212,872	854,481
Biscuits, confectionery, cocoa, etc.	8	861,227	214	257,953	606,723	1,427,843
Bread and other bakery products.	62	2,017,096	1,025	1,178,061	1,588,109	3,329,642
Foods, miscellaneous.....	9	1,036,567	217	255,280	841,958	1,351,957
Fruit and vegetable preparations...	5	8,658,608	414	552,772	1,753,057	2,195,718
Rubber goods, including rubber footwear.....	4	7,360,651	1,065	2,016,455	7,204,612	12,936,681
All other industries.....	4	7,136,974	736	849,663	1,934,696	4,505,873
Totals.....	104	27,737,362	3,806	5,284,133	14,142,027	26,602,195

Principal Statistics of the Manufacturing Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1941—continued.

HAMILTON—continued

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross value of Products
	No.	\$	No.	\$	\$	\$
Animal Products—						
Butter and cheese.....	3	1,231,820	319	393,278	966,478	1,903,738
Fur goods.....	11	324,947	61	85,247	188,135	335,792
Miscellaneous leather goods.....	4	124,202	41	46,934	129,259	179,039
Slaughtering and meat packing....	7	5,023,772	756	1,059,997	11,610,771	13,725,883
All other industries.....	3	99,047	17	18,730	77,448	146,718
Totals.....	28	6,803,788	1,194	1,604,186	12,972,091	16,291,170
Textiles and Textile Products—						
Awnings, tents and sails.....	3	88,531	47	51,603	68,885	204,941
Clothing, men's factory.....	6	1,744,131	839	857,442	1,619,758	2,789,908
Cotton yarn and cloth.....	5	11,707,907	2,311	2,500,057	4,940,778	10,578,733
Hats and caps.....	5	151,872	83	73,569	180,872	314,906
Hosiery and knitted goods.....	8	7,057,012	3,278	3,386,778	5,556,307	10,807,842
All other industries.....	11	5,712,759	594	709,255	2,490,013	4,214,592
Totals.....	38	26,462,212	7,152	7,578,704	14,856,613	28,910,922
Wood and Paper Products—						
Boxes and bags, paper.....	10	1,880,846	399	481,235	1,940,076	3,098,394
Engraving, stereotyping and elec- trotyping.....	6	186,997	80	150,828	32,502	251,590
Furniture.....	7	297,418	61	72,772	30,548	136,754
Miscellaneous paper products.....	9	2,777,913	482	711,870	1,668,014	3,264,539
Miscellaneous wooden products.....	3	36,627	19	30,881	13,323	69,390
Planing mills, sash and door fac- tories.....	9	512,977	117	163,645	234,419	503,707
Printing and bookbinding.....	47	1,878,135	412	556,155	894,582	1,747,511
Trade composition.....	3	67,062	14	17,944	5,137	29,985
All other industries.....	15	3,670,427	689	1,196,094	1,698,874	4,713,694
Totals.....	109	11,308,452	2,273	3,381,424	6,517,475	13,815,564
Iron and Its Products—						
Castings, iron.....	4	1,173,622	353	590,017	1,248,115	2,320,773
Hardware and tools.....	16	3,633,987	686	1,097,617	1,787,552	4,334,491
Misc. iron and steel products.....	10	2,890,865	826	1,333,907	1,290,013	3,514,133
Machinery.....	15	7,398,842	1,716	3,023,469	2,942,993	9,504,083
Machine shops.....	9	136,704	51	61,723	22,012	133,520
Primary iron and steel.....	11	59,104,178	7,468	17,942,444	28,176,453	58,657,758
Railway rolling stock.....	3	12,375,314	3,053	5,645,545	11,368,555	22,440,723
Sheet metal products.....	12	7,335,222	840	1,143,194	8,895,354	11,671,940
Wire and wire goods.....	14	14,401,418	3,012	4,366,052	3,989,582	16,000,906
All other industries.....	7	12,995,370	2,453	4,027,457	4,985,286	10,603,751
Totals.....	101	121,445,522	20,458	39,231,425	64,705,915	139,182,078
Non-ferrous Metal Products—						
Brass and copper products.....	8	1,547,999	538	782,555	1,063,007	3,004,897
Electrical apparatus and supplies..	11	22,024,671	5,814	8,799,529	6,336,581	24,205,344
Jewellery and silverware.....	4	1,148,903	297	441,007	417,255	840,814
Miscellaneous non-ferrous metal products.....	3	98,611	25	28,996	36,278	101,015
All other industries.....	4	623,933	148	208,993	689,403	1,306,667
Totals.....	30	25,444,117	6,822	10,261,080	8,542,524	29,458,737
Non-metallic Mineral Products—						
Cement products.....	5	103,556	43	50,751	146,043	268,421
Clay products from domestic clay..	5	2,086,434	157	228,526	1,700	370,489
Clay products from imported clay..	3	1,334,987	687	849,742	326,646	1,691,297
Coke and gas products.....	3	16,667,632	613	1,004,160	5,985,022	10,943,353
Glass products.....	4	3,340,899	676	954,644	1,044,750	3,037,087
Stone, monumental and ornamen- tal.....	7	277,010	30	57,136	34,708	124,265
All other industries.....	8	1,416,624	201	410,873	682,178	2,219,596
Totals.....	35	25,227,142	2,407	3,555,832	8,221,047	18,654,508

Principal Statistics of the Manufacturing Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1941—continued.

HAMILTON—concluded

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross value of Products
	No.	\$	No.	\$	\$	\$
Chemicals and Allied Products—						
Miscellaneous chemical products..	4	303,448	28	79,187	227,452	500,065
Polishes and dressings.....	4	446,464	62	69,860	272,487	528,437
Soaps, washing compounds, etc....	6	4,800,080	314	498,637	2,992,078	4,071,834
Toilet preparations.....	3	86,649	31	24,450	48,113	176,461
All other industries.....	8	4,246,770	452	846,304	2,213,361	3,702,117
Totals.....	25	9,883,411	887	1,518,438	5,753,491	8,978,914
Miscellaneous Industries—						
Brooms, brushes and mops.....	8	1,072,560	303	292,039	615,379	1,386,960
Ice, manufactured.....	3	182,059	33	36,998	6,949	110,218
Sporting goods.....	3	9,160	12	9,706	8,555	21,976
Stamps and stencils, rubber and metal.....	3	187,877	46	59,234	27,290	160,757
All other industries.....	4	99,255	28	32,405	33,841	96,020
Totals.....	21	1,550,911	422	430,382	692,014	1,775,931
Totals, Hamilton.....	491	255,862,917	45,421	72,845,604	136,403,197	283,670,019

WINDSOR

Vegetable Products—						
Aerated and mineral waters.....	5	323,105	60	90,214	106,446	469,577
Bread and other bakery products.	26	754,423	396	466,051	700,696	1,598,840
Foods, miscellaneous.....	3	39,356	18	15,457	26,818	61,664
All other industries.....	10	12,194,451	1,062	1,601,249	4,801,522	12,228,543
Totals.....	44	13,311,335	1,536	2,172,971	5,635,482	14,358,624
Animal Products—						
Butter and cheese.....	5	1,004,527	377	585,605	1,063,622	2,197,413
Slaughtering and meat packing....	4	200,330	56	83,597	859,812	1,041,119
All other industries.....	4	490,398	49	75,243	185,745	428,225
Totals.....	13	1,695,255	482	744,445	2,109,179	3,666,757
Textiles and Textile Products—						
All industries.....	8	617,673	245	269,145	919,182	1,352,235
Totals.....	8	617,673	245	269,145	919,182	1,352,235
Wood and Paper Products—						
Miscellaneous wooden products....	3	248,978	53	68,617	97,160	194,800
Planing mills, sash and door fac- tories.....	3	162,668	74	91,076	105,313	232,168
Printing and bookbinding.....	20	415,381	119	172,366	164,280	449,967
All other industries.....	9	1,861,018	393	688,878	940,125	2,437,531
Totals.....	35	2,688,045	639	1,020,937	1,306,878	3,814,466
Iron and Its Products—						
Automobile supplies.....	18	13,917,651	3,566	6,830,100	23,493,984	37,931,559
Castings, iron.....	6	1,904,196	1,171	2,111,754	1,999,125	5,445,089
Hardware and tools.....	11	1,799,299	467	979,359	673,554	3,299,973
Machinery.....	8	2,393,462	412	769,719	1,829,669	3,813,370
Sheet metal products.....	3	1,230,068	452	745,132	1,826,009	3,331,440
All other industries.....	17	83,210,924	17,869	37,696,544	129,705,691	193,248,862
Totals.....	63	104,455,600	23,937	49,132,608	159,528,032	247,070,293
Non-ferrous Metal Products—						
Brass and copper products.....	3	433,970	75	151,973	101,321	402,841
All other industries.....	6	956,075	158	247,194	361,569	1,424,779
Totals.....	9	1,390,045	233	399,167	462,890	1,827,620

Principal Statistics of the Manufacturing Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1941—continued.**WINDSOR—concluded**

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross value of Products
	No.	\$	No.	\$	\$	\$
Non-metallic Mineral Products—						
Cement products.....	4	18,853	13	11,319	9,392	21,602
Stone, monumental and ornament- al.....	3	54,198	11	11,734	14,869	31,557
All other industries.....	5	2,230,520	302	549,407	529,576	2,125,043
Totals.....	12	2,303,571	326	572,460	553,837	2,178,202
Chemical Products—						
Medicinal and pharmaceutical preparations.....	10	5,306,971	767	1,111,995	2,069,362	6,765,324
Miscellaneous chemical products...	5	186,994	18	24,763	76,715	164,496
Polishes and dressings.....	3	383,969	60	50,564	408,054	648,944
Soaps, washing compounds, etc....	3	12,734	6	3,954	8,409	19,414
Toilet preparations.....	3	96,466	27	23,493	50,715	129,110
All other industries.....	5	4,085,016	559	1,224,157	1,489,786	4,484,701
Totals.....	29	10,072,150	1,437	2,438,926	4,103,041	12,211,989
Miscellaneous Industries—						
All industries.....	10	2,396,260	651	903,327	1,228,710	3,047,604
Totals.....	10	2,396,260	641	903,327	1,228,710	3,047,604
Totals, Windsor.....	223	138,929,934	29,486	57,653,986	175,847,231	289,027,790

WINNIPEG

Vegetable Products—						
Aerated and mineral waters.....	14	1,297,414	407	490,006	808,907	2,463,836
Biscuits, confectionery, cocoa, etc.	15	1,660,380	645	605,276	1,480,810	3,259,220
Bread and other bakery products.	64	2,221,268	884	1,019,635	1,551,072	3,225,401
Breweries.....	5	2,598,132	382	646,011	1,330,381	3,081,681
Flour and feed mills.....	5	3,368,649	270	300,122	2,985,301	3,660,611
Foods, miscellaneous.....	16	3,150,762	300	382,571	3,627,385	4,579,364
Fruit and vegetable preparations..	6	544,654	223	127,724	457,304	781,587
Prepared breakfast foods.....	3	325,383	32	35,781	129,506	407,059
All other industries.....	9	3,511,244	163	217,288	1,339,460	2,300,092
Totals.....	137	18,677,886	3,306	3,824,414	13,710,126	23,758,851
Animal Products—						
Boots and shoes, leather.....	4	210,926	119	101,711	272,310	427,230
Butter and cheese.....	10	2,392,012	688	983,124	2,851,394	4,702,383
Fur dressing and dyeing.....	3	107,960	86	88,429	24,601	186,221
Fur goods.....	39	1,430,679	466	503,947	1,328,535	2,064,274
Gloves and mittens, leather.....	5	249,662	136	120,723	288,565	459,248
Miscellaneous leather goods.....	13	550,621	195	173,490	464,144	828,431
Sausage and sausage casings.....	9	241,586	90	108,096	602,721	749,124
Slaughtering and meat packing...	4	6,371,651	1,354	1,965,250	19,520,610	22,666,310
All other industries.....	2	246,252	71	87,318	306,801	456,872
Totals.....	89	11,801,349	3,205	4,132,088	25,659,681	32,540,093
Textiles and Textile Products—						
Awnings, tents and sails.....	3	55,900	22	21,863	38,851	76,067
Bags, cotton and jute.....	4	2,873,009	204	267,182	3,780,529	4,515,963
Clothing, men's factory.....	27	3,097,852	1,785	1,459,573	4,386,507	6,641,221
Clothing, women's factory.....	26	1,815,863	1,202	1,130,575	2,858,969	4,317,259
Miscellaneous cotton textiles.....	3	14,340	9	5,277	9,140	16,032
Hats and caps.....	10	484,522	240	205,042	509,688	828,834
Hosiery and knitted goods.....	5	346,469	157	123,753	319,945	511,773
All other industries.....	2	27,278	29	26,354	17,042	47,020
Totals.....	80	8,715,233	3,648	3,239,619	11,920,671	16,954,169

Principal Statistics of the Manufacturing Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1941—continued

WINNIPEG—concluded

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Wood and Paper Products—						
Boxes and bags, paper.....	6	1,224,491	265	331,110	1,024,883	1,726,893
Boxes, wooden.....	5	273,669	159	162,230	85,823	365,467
Carriages, wagons and sleighs.....	3	146,700	78	76,180	156,554	279,453
Engraving, stereotyping and elec- trotyping.....	7	413,340	185	368,941	56,046	570,509
Furniture.....	33	888,594	380	405,082	651,467	1,176,802
Miscellaneous paper products.....	5	532,953	95	116,861	284,752	539,873
Miscellaneous wooden products.....	8	33,731	21	18,962	20,120	51,611
Planing mills, sash and door fac- tories.....	10	771,971	231	263,870	467,894	958,557
Printing and bookbinding.....	83	4,333,512	1,219	1,545,973	1,388,705	3,512,256
Printing and publishing.....	22	2,995,637	866	1,374,472	754,492	3,755,863
All other industries.....	17	1,825,128	386	467,116	694,798	1,712,532
Totals.....	199	13,439,776	3,885	5,130,797	5,585,534	14,649,816
Iron and Its Products—						
Agricultural implements.....	3	566,913	104	133,930	317,100	513,759
Aircraft.....	4	2,662,995	771	1,003,599	783,048	1,951,252
Automobile supplies.....	7	309,886	119	142,905	213,060	550,265
Castings, iron.....	5	2,380,694	574	1,013,643	649,722	2,184,915
Hardware and tools.....	5	59,202	34	27,760	29,029	73,585
Misc. iron and steel products.....	5	2,338,340	382	560,451	763,078	1,846,122
Machinery.....	9	653,280	167	237,420	184,978	764,880
Machine shops.....	9	350,889	113	172,046	52,089	529,321
Sheet metal products.....	10	1,060,118	238	284,306	662,287	1,097,111
All other industries.....	6	11,781,433	3,477	5,388,207	4,655,561	12,827,082
Totals.....	63	22,163,750	5,979	8,964,267	8,309,952	22,338,292
Non-ferrous Metal Products—						
Brass and copper products.....	4	628,970	97	157,125	465,261	908,621
Electrical apparatus and supplies.....	11	661,256	238	274,581	523,561	1,083,042
Miscellaneous non-ferrous metal products.....	3	7,406	6	3,344	4,043	10,348
All other industries.....	4	250,416	37	54,405	287,744	382,563
Totals.....	22	1,548,048	378	489,455	1,280,609	2,384,574
Non-metallic Mineral Products—						
Glass products.....	4	123,882	27	25,775	34,313	77,750
Miscellaneous non-metallic mineral products.....	4	739,000	87	113,555	364,941	912,716
Stone, monumental and ornamental.....	8	76,974	28	31,297	23,868	63,849
All other industries.....	6	6,481,555	288	381,309	920,348	1,891,879
Totals.....	22	7,421,411	430	551,936	1,343,470	2,946,194
Chemicals and Allied Products—						
Medicinal and pharmaceutical pre- parations.....	7	1,560,881	128	165,445	499,010	1,245,876
Miscellaneous chemical products.....	6	13,857,338	1,729	2,273,773	1,760,783	4,652,146
Paints, pigments and varnishes.....	5	1,600,723	247	300,477	998,670	1,713,040
Soaps, washing compounds, etc.....	7	889,728	100	117,261	387,054	723,138
Toilet preparations.....	3	61,344	24	12,040	28,768	77,017
All other industries.....	4	344,602	60	90,890	160,571	500,523
Totals.....	32	18,314,616	2,288	2,959,886	3,834,856	8,911,740
Miscellaneous Industries—						
Brooms, brushes and mops.....	6	150,312	79	69,535	105,750	207,433
Mattresses and springs.....	4	1,683,471	463	581,628	1,507,688	2,536,076
Scientific and professional equip- ment.....	6	243,965	15	15,243	12,180	41,228
Signs, electric, neon and other.....	4	848,164	88	134,817	31,803	356,849
Stamps and stencils, rubber and metal.....	4	40,983	17	18,708	12,832	41,366
All other industries.....	9	357,417	50	57,333	112,391	246,670
Totals.....	33	3,324,312	712	877,264	1,782,644	3,429,622
Totals, Winnipeg.....	677	105,406,381	23,831	30,169,726	73,427,543	127,913,351

Principal Statistics of the Manufacturing Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1941—continued

VANCOUVER

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross value of Products
	No.	\$	No.	\$	\$	\$
Vegetable products—						
Aerated and mineral waters.....	7	801,044	119	151,508	242,448	722,901
Biscuits, confectionery, etc.....	21	803,586	375	370,799	735,020	1,543,716
Bread and other bakery products..	113	2,235,197	1,303	1,460,048	2,296,788	4,792,212
Foods, breakfast.....	3	19,438	16	12,029	37,802	64,714
Foods, stock and poultry.....	9	2,240,488	162	227,765	1,156,108	1,625,065
Foods, miscellaneous.....	25	4,579,952	429	510,397	8,249,217	9,584,273
Fruit and vegetable preparations..	18	3,048,863	619	609,264	3,265,212	4,754,540
Macaroni, vermicelli, etc.....	4	386,479	49	29,447	87,965	124,865
Rice mills.....	3	17,682	5	5,340	164,636	194,217
Tobacco, cigars and cigarettes....	3	7,631	8	4,442	2,641	7,372
All other industries.....	10	11,011,674	645	1,036,879	8,460,725	12,261,369
Totals.....	216	25,152,034	3,725	4,417,918	24,698,562	35,675,154
Animal products—						
Boots and shoes, leather.....	6	895,776	189	208,068	429,691	720,449
Butter and cheese.....	11	1,755,033	646	882,762	2,596,052	4,268,227
Dairy products, other.....	7	566,127	117	153,289	412,570	745,490
Fish curing and packing.....	12	2,376,356	339	390,656	3,278,710	4,172,790
Fur goods.....	9	353,560	63	65,895	145,448	242,585
Gloves and mittens, leather.....	3	158,226	71	94,395	164,487	256,440
Leather tanneries.....	3	141,703	23	29,409	92,654	143,013
Miscellaneous leather goods.....	4	256,845	111	98,137	130,183	279,267
Sausage and sausage casings.....	3	64,640	33	33,677	185,484	254,270
Slaughtering and meat packing....	8	5,904,299	699	1,003,007	9,291,487	10,713,649
Totals.....	66	12,472,565	2,291	2,959,295	16,726,766	21,801,180
Textiles and textile products—						
Awnings, tents and sails.....	4	487,816	170	163,735	337,404	611,110
Clothing, men's factory.....	12	633,941	335	313,560	717,648	1,101,212
Clothing, women's factory.....	18	509,412	317	295,989	463,859	896,393
Cotton and wool waste.....	3	73,503	28	28,346	162,485	221,452
Hosiery and knitted goods.....	3	399,702	118	91,819	172,110	354,631
Woollen cloth.....	3	503,778	161	163,154	322,958	525,685
All other industries.....	9	778,393	129	131,537	1,048,266	1,511,134
Totals.....	52	3,386,545	1,258	1,188,140	3,224,730	5,221,617
Wood and paper products—						
Blue printing.....	5	32,063	18	18,618	12,220	44,397
Boat building.....	12	229,099	100	129,420	161,070	369,370
Boxes and bags, paper.....	8	1,205,485	250	336,023	1,025,468	1,915,611
Boxes, wooden.....	9	854,201	375	378,430	758,768	1,529,225
Coffins and caskets.....	3	142,473	27	29,442	40,052	92,093
Cooperage.....	3	115,855	32	48,724	140,804	209,815
Engraving, stereotyping and electrotyping.....	9	263,349	104	176,697	42,977	273,167
Furniture.....	47	2,029,499	1,133	1,280,008	1,814,228	3,716,397
Lithographing.....	6	746,906	153	245,364	319,339	759,256
Miscellaneous paper products.....	10	1,264,259	220	277,580	894,583	1,379,610
Miscellaneous wood products.....	8	510,604	139	220,847	582,367	987,436
Planing mills, sash and door factories.....	31	2,613,206	1,478	1,814,223	3,313,221	6,613,793
Printing and bookbinding.....	81	1,767,112	599	770,301	551,065	1,599,190
Printing and publishing.....	13	3,258,353	968	1,640,603	940,060	4,019,320
Sawmills.....	31	9,448,998	3,862	5,580,725	10,291,537	19,461,270
Wood turning.....	3	66,722	26	30,508	30,191	84,586
All other industries.....	8	688,770	213	313,047	378,371	852,447
Totals.....	287	25,236,954	9,697	13,290,560	21,296,321	43,906,983
Iron and its products—						
Automobile supplies.....	6	203,333	60	100,918	86,638	231,395
Boilers, tanks and engines.....	4	790,200	81	175,540	700,017	1,095,238
Castings, iron.....	12	752,157	355	488,085	323,353	1,105,317
Hardware and tools.....	6	668,153	214	284,618	389,135	1,020,979
Heating and cooking apparatus....	8	160,632	113	162,715	109,758	335,603
Misc. iron and steel products.....	10	201,992	84	111,939	153,456	405,537

Principal Statistics of the Manufacturing Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1941—concluded.

VANCOUVER—concluded

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Iron and its products—concluded						
Machinery.....	18	2,690,919	770	1,370,439	1,192,832	3,016,137
Machine shops.....	13	430,871	148	242,071	158,157	511,006
Sheet metal products.....	18	9,317,127	697	1,057,443	6,727,002	10,037,444
Shipbuilding and repairs.....	12	5,241,571	819	1,183,712	1,075,463	4,614,681
Wire and wire goods.....	6	1,995,322	251	350,338	2,027,728	2,730,503
All other industries.....	8	7,600,523	2,842	4,123,074	3,493,265	15,726,615
Totals.....	121	30,052,800	6,434	9,650,892	16,436,804	40,830,455
Non-ferrous metal products—						
Brass and copper products.....	10	301,003	124	214,082	229,706	577,820
Electrical apparatus and supplies..	9	326,184	153	210,423	270,049	708,097
Jewellery and silverware.....	5	116,745	66	107,937	87,054	224,879
White metal alloys.....	4	431,815	37	58,032	442,093	590,305
Totals.....	28	1,175,747	380	590,474	1,028,902	2,101,101
Non-metallic mineral products—						
Cement products.....	7	160,314	48	68,867	150,135	259,007
Glass products.....	6	186,050	52	61,593	98,423	179,463
Miscellaneous non-metallic mineral products.....	4	51,382	11	13,097	11,496	39,855
Stone, monumental and ornamen- tal.....	7	116,233	29	35,559	13,064	77,317
All other industries.....	4	12,879,467	354	570,559	4,878,792	7,323,328
Totals.....	28	13,393,446	494	749,675	5,151,910	7,878,970
Chemicals and allied products—						
Miscellaneous chemical products...	5	220,162	44	57,129	375,729	524,765
Paints, pigments and varnishes....	5	778,351	91	146,696	406,737	850,993
Soaps, washing compounds, etc....	8	301,157	86	91,443	169,329	376,332
Toilet preparations.....	3	17,148	4	2,870	5,677	14,996
All other industries.....	11	1,000,422	148	218,616	461,818	1,085,189
Totals.....	32	2,317,240	373	516,754	1,419,290	2,852,275
Miscellaneous Industries—						
Brooms, brushes and mops.....	6	247,927	97	96,070	114,762	262,775
Ice, manufactured.....	5	927,272	92	120,179	9,782	302,056
Signs, neon, electric and other....	4	805,289	136	249,585	90,515	1,115,053
Sporting goods.....	3	42,088	22	21,886	16,704	51,970
Stamps and stencils, rubber and metal.....	5	95,271	35	42,006	16,420	95,694
All other industries.....	11	655,430	189	239,562	489,344	887,575
Totals.....	34	2,773,277	571	769,288	737,527	2,715,123
Totals, Vancouver.....	864	115,960,608	25,223	34,132,996	90,720,812	162,982,858

APPENDIX II

Alphabetical List of the Products Reported as having been Manufactured in Canada in 1941

The appended list of the products of Canadian manufacturing industries presents the value and in most cases the quantity of the individual products in a much more detailed form. Prior to 1927, in presenting statistics of manufacturing production, the whole production of an establishment was taken as a unit. This not only prevented the presentation of production figures for specific products in detail, but also involved numerous inaccuracies in the production statistics of classes of commodities, owing to the fact that commodities which may be the major line of production in one establishment may also be products of secondary importance in another establishment where the major line of production puts the establishment into a different class. The statistics which follow, however, have been compiled by taking from the individual returns of each of the 26,293 manufacturing establishments covered, the value and, when given, the quantity of each commodity specified as produced by the establishment. In this way, detailed production figures are obtained for specific commodities and furthermore the total production of each commodity is brought together, no matter how varied may be the operations in different establishments producing it. Nevertheless it should be pointed out to those making use of these figures that there is one element of incompleteness about them. In the returns of many manufacturers, products of minor importance are grouped under the name "all other products". As will be seen from the group at the end of the list, the value of products not specified, while they may appear unimportant to the individual manufacturer, are, in the aggregate, a large amount, especially in the industries of the iron and steel group. It is obvious that one manufacturer may consider a product of insufficient importance to report separately for his establishment, while that same product may be reported separately by other establishments. In other words, included in the value of other products not specified at the end of the list, there are doubtless values which, had the products been specified by the manufacturer, would have been included in the values of commodities appearing on the list. However, the products not specified total only about 1.4 per cent in value of the whole manufacturing production, although in the iron and steel group this proportion is 3.6 per cent. With the exception of this group, therefore, the incompleteness of the figures on this account, is insignificant.

There is no duplication in the listing of products, nor do any of the items include products listed in more detail under another name. It is possible, however, that essentially the same commodity produced in different establishments may have been called by different names; in such a case, which is probably a very rare one, the items would appear separately in the following list.

Alphabetical List of Products Manufactured in Canada, 1941.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Abrasive cloth.....	—	—	*
Abrasive paper.....	—	—	*
Abrasive wheels and segments.....	—	—	3,713,303
Absorbent cotton.....	—	—	*
Acetic anhydride.....	—	—	*
Acetone.....	—	—	*
Acetylene.....	cu. ft.	87,640,111	2,288,426
Acid, acetic.....	—	—	*
Acid, calcium phosphate.....	—	—	*
Acid, cresylic.....	—	—	*
Acid, fatty, coconut, palm oil and tallow.....	—	—	*
Acid, hydrochloric (Muriatic).....	—	—	*
Acid, hydrofluosilicic.....	—	—	*
Acid, lactic.....	—	—	*
Acid, nitric.....	—	—	*
Acid, oleic.....	—	—	*
Acid, phosphoric.....	—	—	*
Acid, stearic, hydrogenated.....	—	—	*
Acid, sulphuric.....	lb.	848,759,050	4,831,578
Advertising matter, printed, n.e.s.....	—	—	15,600,34
Advertising novelties (see "novelties").....	—	—	*
Agitators, mining and metallurgical.....	—	—	*
Agricultural implements and parts, not elsewhere specified.....	—	—	2,526,182
Air conditioning equipment.....	—	—	201,097
Aircraft, including parts and repairs.....	—	—	95,096,126
Alcohol, denatured.....	pr. gal.	5,343,785	2,600,571
Alcohol, not denatured.....	—	2,211,183	1,027,191
Almond paste.....	lb.	117,139	39,308
Almonds, ground, etc.....	—	—	12,656
Alumina, fused (crude).....	ton.	130,881	13,665,811
Aluminum fluoride.....	—	—	*
Aluminum fabricated products.....	—	—	2,152,969
Aluminum products, not specified.....	—	—	224,637
Ammonia, anhydrous.....	—	—	*
Ammonia, aqua.....	—	—	*
Ammonia, liquid.....	—	—	*
Ammonia, liquor.....	—	—	*
Ammonia powder.....	—	—	*
Ammonium chloride.....	—	—	*
Ammonium nitrate.....	—	—	*
Ammonium perchlorate.....	—	—	*
Ammonium phosphate.....	—	—	*
Ammonium sulphate.....	ton.	100,590	3,229,252
Ammunition.....	—	—	*
Amplifiers, electrical (public address equipment).....	—	—	*
Anti-freeze.....	—	—	*
Apple butter.....	lb.	173,679	15,318
Apple pomace, chop and waste.....	lb.	3,649,669	104,410
Apple juice (included in fruit juices).....	—	—	*
Apples, evaporated and dehydrated.....	lb.	8,605,382	846,858
Aprons, fabric.....	doz.	240,975	773,856
Aprons, rubber and oiled.....	—	—	75,377
Arm bands.....	doz.	64,554	30,986
Art needlework.....	—	—	113,524
Art work (printing).....	—	—	879,303
Asbestos clutch facings.....	no.	716,978	199,846
Asbestos gaskets.....	lb.	55,638	31,618
Asbestos products, n.e.s.....	—	—	1,132,251
Asphalt.....	imp. gal.	72,815,703	6,200,960
Asphalt emulsion.....	gal.	3,653,304	506,920
Asphalt products, not elsewhere specified.....	—	—	463,181
Atomizers, perfume.....	—	—	*
Automobiles, commercial—			
$\frac{1}{2}$ ton or less.....	no.	30,018	16,805,392
1 ton and less than $1\frac{1}{2}$ tons.....	"	11,530	6,830,939
$1\frac{1}{2}$ tons and less than 2 tons.....	"	22,398	14,705,225
2 tons and less than $2\frac{1}{2}$ tons.....	"	19,617	12,394,966
$2\frac{1}{2}$ tons and less than $3\frac{1}{2}$ tons.....	"	13,138	12,467,786
$3\frac{1}{2}$ tons to $5\frac{1}{2}$ tons and over.....	"	377	736,090
Other not specified.....	"	78,527	99,451,064
Automobiles, passenger—			
Convertible.....	no.	961	797,152
Permanent closed cars.....	"	90,370	78,509,179

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1941—Con.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Automobiles, passenger— <i>Concluded</i>			
Buses and bus bodies.....	—	—	1,618,808
Hearses, and other special cars.....	—	—	87,207
Automobile bodies and cabs.....	—	—	10,954,906
Automobile chassis.....	no.	5,272	1,861,363
Automobile parts and accessories, not specified.....	—	—	63,023,390
Automobile cloths.....	—	—	*
Automobile trailers.....	—	—	2,001,897
Awnings and verandah curtains.....	—	—	576,260
Axes.....	no.	889,290	760,743
Axes and shafts, automobile.....	—	188,254	9,123,385
Axes and parts, not specified.....	—	—	670,492
Babbitt metal.....	lb.	4,353,252	1,066,447
Badges, rosettes, buttons, etc.....	—	—	395,012
Bags, fabric—			
Cotton.....	doz.	5,210,216	7,227,997
Jute.....	"	5,772,834	9,401,021
Sleeping.....	"	2,871	190,258
Tea.....	—	—	*
Fabric, not specified.....	—	—	936,508
Bags, leather and imitation leather—			
Club bags and suit cases.....	no.	379,949	1,583,704
Hand.....	—	—	3,868,804
Shopping.....	no.	108,479	100,101
School.....	"	207,302	100,769
Bags, paper—			
Glassine and cellophane.....	—	—	695,156
Millinery.....	—	—	206,193
Self-opening.....	—	—	2,408,976
Paper, not specified.....	—	—	4,573,969
Bags, rubber, air and steam.....	no.	5,821	44,280
Bags, rubber and rubberized, n.e.s.....	—	—	6,145
Bags, repaired.....	—	—	601,052
Bags, other, not specified.....	—	—	61,067
Bale ties—quantity made.....	ton.	5,929	—
quantity sold.....	"	6,064	543,719
Ball and rod mills (metal working).....	—	—	124,354
Balloons.....	—	—	99,482
Balls, golf, tennis, footballs, etc.....	—	—	661,284
Barley, pot and pearl.....	lb.	5,331,854	135,271
Barley, roasted.....	—	—	*
Barn and stable equipment, not elsewhere specified.....	—	—	1,546,661
Barrels, wooden—			
Apple, etc.....	no.	712,864	544,724
Fish.....	"	31,272	40,537
Flour, sugar, etc.....	"	294,060	285,023
Oil, vinegar, water, etc.....	"	307,773	967,453
Whiskey, beer, etc. and other tight cooperage.....	"	65,713	159,023
Barrels, steel.....	—	—	1,356,980
Barrels, repaired, etc.....	—	—	129,379
Bars, iron and steel—			
Hot rolled, of all grades—			
Quantity made.....	long ton	314,700	—
Quantity sold.....	"	285,332	16,538,902
Rolled from alloy steel—			
Quantity made.....	long ton	86,533	—
Quantity sold.....	"	82,467	9,564,277
Rolled from old rails or axes—			
Quantity made.....	long ton.	28,557	—
Quantity sold.....	"	21,077	988,363
Concrete reinforcing—			
Quantity made.....	long ton	24,951	—
Quantity sold.....	"	24,898	1,287,352
Long angle splice bars, tie plate bars and other long rail bars			
Quantity made.....	"	35,340	—
All other, including cold rolled and cold drawn, spike rods, bolt stock, etc.—			
Quantity made.....	long ton	84,272	—
Quantity sold.....	"	59,057	4,945,328
Bars and ingots, sold—			
Aluminum.....	lb.	4,921,164	996,611
Brass and bronze.....	"	20,512,865	2,595,663

NOTE.—The asterisk (*) indicates that the commodity was reported only by one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1941—Con.

Items.	Unit of Measure.	Quantity.	Value.
Bars and ingots, sold— <i>Concluded</i>			\$
Die casting alloy.....	lb.	5,918,807	448,458
Copper.....	"	4,060,132	497,664
Lead.....	"	25,406,860	1,455,173
Tin.....	"	1,553,449	577,116
Zinc.....	"	6,174,314	406,800
Basket bottoms.....	—	—	*
Baskets and crates, fruit and vegetable.....	—	—	1,317,391
Baskets, other, not specified.....	—	—	292,540
Bathing caps.....	doz.	43,671	85,453
Bathing suits.....	"	75,190	1,151,506
Bathrobes, kimonos, lounging jackets, etc.—			
Silk and artificial silk mixed.....	doz.	34,576	1,017,227
Wool and flannel.....	"	44,690	1,422,942
Not specified.....	"	92,118	1,445,220
Bats, baseball.....	no.	123,208	55,415
Batteries—			
Storage for automobile and other internal combustion engines	no.	1,007,285	4,525,543
Storage for railway service.....	"	7,078	171,610
Storage, for motor cycle starting.....	"	6,041	22,114
Storage, for telephone switch boards.....	"	3,971	90,744
Storage, for farm lighting plants.....	"	37,571	234,149
Storage, for all other purposes.....	—	—	819,035
Dry-cell, 6-inch.....	no.	1,496,582	444,833
Dry-cell, flash-light.....	of cells	20,969,707	1,131,173
Dry-cell, radio, A. B., and C.....	no.	1,938,835	2,529,987
Dry-cell, not specified.....	—	—	214,183
Parts supplies and primary wet cells.....	—	—	1,163,280
Battery containers and parts.....	—	—	804,069
Batting, wadding, flocks and rolls, (including auto batts).....	—	—	1,315,911
Beauty parlour and barber equipment, n.e.s.....	—	—	103,080
Beds and couches—			
Metal and iron beds.....	no.	330,577	2,225,488
Studio couches, metal.....	"	77,098	1,364,136
Metal couches, other.....	"	48,055	303,022
Couches, lounges, etc., other than metal.....	"	8,913	412,737
Metal and iron cots and bunks.....	"	76,069	524,889
Cribs, all kinds.....	no.	19,519	133,141
Beds, camp.....	—	—	*
Bedspreads and bed sets.....	no.	737,394	1,980,640
Beef extract.....	—	—	*
Beekeepers' supplies, not elsewhere specified.....	—	—	180,535
Beer, ale, stout and porter—			
In barrels.....	gal.	32,946,296	27,105,398
In bottles.....	"	57,300,941	69,315,564
Beer, spruce.....	"	154,551	83,226
Beet pulp, wet and dried.....	—	—	*
Bells and gongs.....	—	—	17,612
Belting, cotton.....	—	—	*
Belting, leather (transmission).....	lb.	782,053	1,394,289
Belts, automobile, fan.....	no.	1,309,696	387,719
Belting, rubber.....	lb.	7,059,914	3,291,496
Belting, rubber, not specified.....	"	267,947	212,341
Belts and aprons, sanitary.....	—	—	64,916
Belts, body, not specified.....	—	—	1,092,221
Benzol.....	—	—	*
Bicycles.....	no.	100,838	2,449,199
Bicycle parts.....	—	—	238,264
Billiard and bowling supplies, n.e.s.....	—	—	*
Binders, loose-leaf and other.....	—	—	80,392
Binders, grain and corn.....	—	—	1,093,202
Binding and stitching (trade work).....	—	—	723,563
Bindings, (see also tapes).....	—	—	864,109
Bins and hoppers.....	—	—	21,422
Biological products, n.e.s.....	—	—	465,535
Biscuits, plain and fancy.....	ton	52,061	14,735,858
Biscuits, pretzels.....	—	—	*
Biscuits, soda.....	ton	18,207	5,482,889
Blackboards, asbestos.....	—	—	*
Blankets—			
Cotton and cotton mixed.....	lb.	5,666,034	.....
	pair	2,202,025	3,286,405

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1941—Con.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Blankets— <i>Concluded</i>			
Cotton warp.....	lb.	464,322	.....
All wool.....	pair	81,813	269,012
Not specified.....	lb.	4,997,343	.....
Slumber throws.....	pair	663,311	4,833,032
Blankets, horse.....	—	—	23,388
Bleaching compound.....	no.	62,133	273,558
Blinds, Venetian (see "Shades and blinds").....	—	—	194,619
Blooms, billets and slabs.....	—	—	*
Blouses, women's.....	doz.	264,319	12,679,034
Blouses and shirtwaists, boy's.....	"	72,572	3,277,197
Blow torches.....	—	—	380,804
Blowers, furnace.....	no.	1,200	*
Blue, laundry.....	—	—	33,107
Boats, life and whale.....	—	—	93,978
Boats, motor.....	no.	408	250,591
Boats, outboard.....	"	1,537	633,482
Boats, scows, tugs, and other craft.....	—	—	149,406
Boats, sail.....	no.	57	767,650
Boats, other, including row boats, skiffs, etc.....	"	1,988	18,715
Boiler compounds.....	—	—	-117,175
Boilers, heating.....	no.	19,918	727,156
Boilers, heating and power.....	—	—	2,197,386
Boilers, power.....	no.	685	*
Boilers, range.....	"	87,189	2,861,386
Boilers, not specified.....	—	—	872,633
Boiler parts and accessories.....	—	—	46,002
Bologna and blood pudding.....	lb.	3,336,476	562,682
Bolt boards.....	—	—	382,791
Bolts, nuts and rivets.....	—	—	40,110
Bone meal.....	lb.	2,032,215	9,804,335
Bone, raw, ground, etc.....	"	12,020,856	43,589
Books, printed and bound.....	—	—	181,573
Books and pads, drawing, exercise, scribblers, etc., not elsewhere specified.....	—	—	3,152,204
Books, ledger and account.....	—	—	1,666,731
Books, loose-leaf and other binders, blank.....	—	—	501,928
Books, counter, cheek, sales, etc.....	—	—	1,010,623
Books, blank, bound, not specified.....	—	—	1,197,746
Boron carbide.....	—	—	480,278
Bottles, thermos.....	—	—	*
Bowling supplies.....	—	—	172,589
Bowls, lawn.....	—	—	*
Box toes.....	—	—	164,038
Boxes, fare.....	—	—	*
Boxes, paper—	—	—	—
Corrugated.....	—	—	18,298,632
Fibre board.....	—	—	722,938
Folding.....	—	—	11,043,973
Mailing tubes and other round.....	—	—	115,559
Set-up.....	—	—	6,820,121
Not specified.....	—	—	368,315
Boxes, wooden—	—	—	—
Berry.....	no.	75,318,742	247,241
Butter.....	"	2,416,866	566,371
Cheese.....	"	1,436,247	291,250
Cigar and tobacco.....	—	—	*
Fish.....	no.	1,445,597	344,870
All other, and containers, not specified.....	—	—	6,832,080
Braids and gimps.....	—	—	905,803
Brake beams and parts.....	—	—	123,586
Brakes, auto, and parts.....	—	—	3,361,466
Brakes, brake shoes and parts.....	—	—	941,468
Bran.....	ton	326,232	7,046,003
Brass and bronze work, ornamental.....	—	—	276,037
Brass products, not specified.....	—	—	81,969
Bread.....	lb.	1,068,458,671	58,322,320
Breakfast foods (see "cereal products").....	—	—	*
Brewery equipment, not specified.....	—	—	—
Bricks, cement.....	—	—	187,874
Bricks, from domestic clay.....	M	208,991	3,772,805
Bricks, sand-lime.....	"	19,238	230,308

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1941—Con.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Briquettes, coal and coke.....	—	—	*
Brooms—			
Corn.....	doz.	274,929	1,176,931
Fibre.....	"	30,356	175,667
Hair.....	"	4,864	70,552
Toy.....	"	13,370	17,945
Other.....	"	2,483	57,417
Bropane.....	—	—	*
Brushes—			
Made of corn and fibre.....	doz.	61,875	90,437
Clothes.....	"	29,678	72,540
Generator and motor.....	—	—	*
Hair.....	doz.	59,194	429,771
Nail.....	"	34,515	35,322
Paint.....	"	470,970	1,858,648
Shaving.....	"	90,933	370,444
Shoe.....	"	56,862	124,849
Tooth.....	"	635,446	686,289
For household purposes.....	"	304,249	798,470
For factory use.....	"	109,671	533,642
Other, not specified.....	"	307,399	219,945
Brush blocks.....	—	—	*
Buckles, clips, etc.....	—	—	533,642
Buckets, sap.....	—	—	*
Buffing composition.....	—	—	*
Buffing wheels.....	—	—	*
Bufs, polishing, cotton.....	—	—	*
Building blocks, hollow, cement, cinder, sand-lime, etc.....	—	—	1,610,457
Buns.....	—	—	5,321,226
Burners, lamp and lantern.....	—	—	*
Burners, not specified.....	—	—	*
Butane.....	—	—	*
Butter, factory made.....	lb.	285,848,196	93,199,557
Butter, whey, factory made.....	"	2,151,035	623,044
Buttons—			
Celluloid.....	gr.	62,235	112,885
Plastic materials.....	"	1,510,436	733,027
Ivory.....	"	293,029	204,170
Metal.....	"	1,531,918	457,025
Pearl.....	"	1,025,513	459,013
Not specified including button moulds.....	—	—	650,039
Button covering, hemstitching, etc.....	—	—	648,549
Butyl acetate.....	—	—	*
Cabinets, silverware, not elsewhere specified.....	—	—	4,128
Cables, for automobiles.....	—	—	*
Calcium chloride.....	—	—	*
Calcium carbide.....	—	—	*
Calcium cyanamide.....	—	—	*
Calcium cyanide.....	—	—	*
Calcium stearate.....	—	—	*
Calks, horseshoe and other.....	—	—	*
Cameras.....	—	—	*
Candles.....	—	—	832,628
Candlesticks, n.e.s.....	—	—	*
Candy sticks.....	—	—	79,927
Canes.....	—	—	*
Canoes.....	—	—	152,766
Cans, fibre.....	no.	5,526,902	115,289
Cans, tin, packers' sanitary.....	—	—	21,494,679
Cans, tin, other.....	—	—	13,382,889
Cans, other, including paper.....	—	—	410,736
Canvas and canvas goods, not elsewhere specified.....	—	—	414,524
Capacitors (static condensers), for power factor correction.....	—	—	153,343
Caps—			
Cloth.....	doz.	299,654	1,524,121
Cotton.....	"	62,770	121,078
Fur.....	"	4,816	133,333
Leather.....	"	11,801	104,387
Uniform.....	"	91,877	1,224,714
Not specified.....	"	—	188,721
Caps, bottle, milk.....	—	—	721,815
Caps, bottle, metal and other.....	—	—	4,810,858

NOTE.—The asterisk (*) indicates that the commodity was reported only by one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1941—Con.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Carbamite.....	—	—	*
Carbon dioxide gas.....	—	—	*
Carbon dioxide in cylinders.....	—	—	*
Carbon dioxide, solid.....	—	—	*
Carbons, illuminating, for lamps.....	—	—	*
Cards, greeting.....	—	—	2,120,597
Cards, playing.....	—	—	*
Cards, visiting.....	M	19,138	34,496
Carpets, mats and rugs—			
Carpets in rolls, including stair—			
Axminster.....	carpet yd.	442,618	906,173
Wilton.....	—	276,333	982,330
Brussels and other.....	—	52,217	57,910
Carpets in squares, 4'6" by 7'6" or larger—			
Axminster.....	—	894,024	1,817,339
Wilton.....	—	103,168	413,584
Small squares and runners—			
Axminster.....	—	210,657	494,574
Wilton.....	—	193,218	686,276
Other, not specified.....	—	—	455,221
Rugs, made from old carpets.....	—	—	155,105
Rugs and carpets not specified.....	—	—	407,170
Carpet sweepers.....	—	—	*
Carriages and wagons, complete.....	—	—	149,861
Carriages and sleighs, baby.....	—	—	1,038,860
Carriage and wagon bodies and boxes.....	—	—	70,094
Carriage and wagon materials.....	—	—	374,698
Carriers, litter.....	—	—	*
Cars, steam railway, new.....	no.	2,711	9,751,295
Cars, dump, hand, push and other not specified.....	—	—	876,285
Carvings, wood and other.....	—	—	104,279
Casein.....	lb.	1,181,620	177,449
Cases, clock.....	—	—	*
Cases, fibre, not specified.....	—	—	*
Cases, eye-glass and jewellery.....	—	—	589,661
Cases, leather and imitation leather, all kinds.....	—	—	1,026,239
Cases, toiletware and silverware.....	—	—	295,182
Cases, not specified.....	—	—	37,437
Caskets.....	no.	86,966	2,318,799
Casks, wine, etc.....	—	80,619	184,912
Castings—			
Aluminium.....	lb.	4,902,412	2,188,902
Brass.....	—	7,217,775	2,127,128
Bronze.....	lb.	26,466,728	5,452,738
Copper.....	—	272,597	85,386
Die.....	—	9,171,124	1,379,566
Gray iron.....	—	414,808,000	21,057,423
Malleable iron.....	—	100,548,000	7,757,621
Iron, not specified.....	—	—	69,366
Lead.....	lb.	2,086,935	262,928
Steel—			
Quantity made.....	L. ton	118,639	—
Quantity sold.....	—	185,742	15,742,149
Castings not specified.....	—	—	587,517
Castors, all kinds.....	—	—	458,099
Catalogues, printed, etc.....	—	—	3,900,777
Ceiling and siding metal.....	—	—	54,385
Cellophane products, not elsewhere specified.....	—	—	*
Celluloid products, not specified.....	—	—	189,595
Cellulose film.....	—	—	*
Cement, Portland.....	—	—	14,323,372
Cement, roofing.....	—	—	40,864
Cement, rubber.....	—	—	511,698
Cement, not specified.....	—	—	260,175
Cereal products, prepared ready to serve.....	lb.	65,355,155	8,734,691
Cereal products, unprepared.....	—	19,756,038	942,620
Cerelose.....	—	—	*
Certificates, stock, bond, etc., printed.....	—	—	698,627
Chains, automobile.....	—	—	2,973,649
Chains, other than automobile, including sprocket chains.....	—	—	2,848,197
Chamois products.....	—	—	164,993
Chaplets, foundry.....	—	—	131,374
Chaps.....	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1941—Con.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Charcoal.....	—	—	849, 122
Cheese, factory made.....	lb.	152, 955, 100	24, 860, 542
Cheese, creamed.....	"	945, 325	374, 219
Cheese, skim milk and cottage.....	—	—	238, 770
Cheese, processed and packed.....	lb.	21, 030, 140	5, 226, 260
Cheesecloth.....	—	—	270 708
Chemical products, not elsewhere specified.....	—	—	1, 073, 595
Cheques, notes, drafts, bank notes, etc. (printed).....	—	—	643, 886
Chests, cedar.....	—	—	728, 305
Chests, other, wood.....	no.	38, 824	57, 298
Chewing gum.....	—	—	4, 775, 469
Chicken, canned (see "meats, canned").....	—	—	*
Chicory, roasted.....	—	—	*
Children's wash suits and rompers.....	doz.	115, 288	626, 722
Children's waists.....	"	4, 749	19, 092
Children's wear, not specified.....	—	—	432, 563
Chloride of lime.....	—	—	*
Chlorine, liquid.....	—	—	*
Chocolate coating (for own use).....	lb.	5, 022, 488	—
Chocolate and chocolate coating, for sale.....	"	15, 663, 621	2, 448, 222
Choppers, food.....	—	—	*
Churns.....	—	—	*
Cider (for sale).....	gal.	124, 518	60, 791
Cider for own use.....	"	402, 460	—
Cigars.....	M	196, 724	7, 300, 244
Cigarettes.....	"	9, 548, 466	86, 652, 775
Cinder blocks (see "Building blocks").....	—	—	124, 625
Classifiers (Metal working).....	—	—	64, 148
Clay, bentonite and other.....	—	—	—
Cleaners, vacuum—	—	—	—
Floor models.....	no.	39, 839	1, 543, 010
Hand models.....	"	3, 325	55, 335
Not specified, and parts.....	—	—	358, 078
Cleaner, hand.....	—	—	134, 626
Cleaning and scouring powder and paste.....	lb.	16, 664, 330	1, 088, 924
Cleaning preparations, other.....	—	—	421, 867
Clips, wire.....	—	—	*
Clocks.....	—	—	1, 769, 152
Cloth, gummed.....	—	—	*
Clothes pins.....	gr.	787, 499	208, 641
Clothing, rubber, n.e.s.....	—	—	17, 570
Clothing, military, not elsewhere specified.....	—	—	1, 065, 460
Clothing, sport and athletic—	—	—	—
Suits, jackets and blazers.....	—	—	2, 909, 090
Pants and slacks, not specified.....	—	—	1, 132, 276
Shorts.....	doz.	72, 083	193, 193
Parkas and hoods.....	"	6, 307	101, 562
Other sport clothing.....	—	—	729, 407
Clothing, hospital.....	—	—	162, 676
Clothing, oiled and waterproofed.....	—	—	3, 528, 829
Clothing, not specified.....	—	—	418, 897
Coats, boys' and men's—	—	—	—
Boys' overcoats and reefers.....	no.	147, 829	1, 219, 075
Men's overcoats.....	"	869, 264	12, 954, 942
Men's and boys' separate jackets, woollen.....	—	—	444, 041
Men's and boys' separate jackets, other.....	—	—	174, 298
Coats and cloaks, women's—	—	—	—
Woollen.....	no.	1, 493, 957	21, 122, 789
Other.....	"	28, 109	538, 288
Coats, children's—	—	—	—
Woollen.....	"	447, 260	2, 545, 125
Other.....	"	117, 326	512, 490
Coats, other—	—	—	—
Windbreakers.....	doz.	282, 548	4, 879, 839
Blazers (see "sport clothing")—	—	—	—
Leather coats and vests, not elsewhere specified.....	"	83, 247	647, 156
Mackinaws.....	"	6, 728	362, 754
Washable coats, men's and boys'.....	"	60, 368	1, 144, 730
Rubber and rubberized coats.....	"	94, 241	2, 759, 757
Waterproofed and oiled coats, other.....	—	—	567, 615
Other coats, not specified.....	—	—	519, 656
Coats, fur—	—	—	—
Children's.....	no.	320	11, 445

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1941—Con.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Coats, other— <i>Concluded</i>			
Coats, fur— <i>Concluded</i>			
Ladies' (coats and capes).....	no.	151,184	17,508,686
Men's.....	"	1,594	155,404
Coats, fur lined.....	"	2,974	78,979
Coat shells and plates.....	—	—	352,387
Cobalt naphthanate.....	—	—	*
Cocoa (made for sale).....	lb.	11,061,405	1,554,886
Cocoa butter—			
Made for own use.....	"	6,837,928	*
Made for sale.....	"	3,022,105	771,167
Cocoa and chocolate preparations, not specified (for sale).....	"	2,018,827	533,022
Cocoanut, prepared and desiccated.....	—	—	*
Coffee, condensed.....	—	—	*
Coffee, roasted.....	lb.	40,353,937	15,644,951
Coffee substitute.....	—	—	*
Coffee makers, electric and percolators.....	no.	64,964	126,534
Coffins.....	"	8,518	89,266
Coffin boxes (shells).....	"	58,720	270,387
Coils.....	—	—	*
Coke, gas-house.....	ton	3,145,715	24,888,023
Coke, petroleum.....	"	70,840	493,338
Coke, pitch.....	—	—	*
Cold storage equipment.....	—	—	89,797
Collars and cuffs, men's.....	doz.	175,710	157,893
Collars, fur.....	no.	170,866	1,037,523
Colours, butter, cheese and other.....	—	—	136,582
Colours, dry.....	lb.	10,446,588	1,347,397
Colours, in oil and japan.....	"	1,237,840	277,292
Combs.....	—	—	356,770
Comforters—			
Cotton.....	no.	213,598	421,302
Down.....	"	47,046	366,562
Wool.....	"	45,758	157,680
Not specified.....	"	12,527	34,530
Communication systems, radio, etc.....	—	—	1,265,297
Compressors, air.....	no.	1,264	3,053,950
Concrete, ready mixed.....	—	—	1,834,129
Conduit, electrical, rigid iron.....	lb.	29,638,838	2,488,814
Conduit, electrical, flexible.....	ft.	2,571,252	82,787
Conduit fittings.....	—	—	765,315
Conduit, not specified.....	—	—	384,692
Cones, ice cream.....	M	242,307	576,442
Cones and tubes, textile winding.....	—	—	*
Confectionery, chocolate—			
In bulk.....	lb.	32,725,093	7,373,670
In bars.....	doz.	31,925,942	12,083,666
In packages.....	lb.	12,659,262	4,209,841
Confectionery sugar—			
In bulk.....	lb.	51,991,679	8,150,959
In bars.....	doz.	2,018,370	803,498
In packages.....	lb.	5,953,529	1,704,803
Penny goods.....	gr.	4,114,100	3,199,905
Lozenges.....	lb.	1,554,265	249,025
Confectionery not specified.....	—	—	367,713
Containers, not specified.....	—	—	1,387,710
Control and starting equipment, not elsewhere specified.....	—	—	3,507,296
Converter equipment, electrical.....	—	—	2,991,471
Coolers, milk and other.....	—	—	85,608
Cooperage products, not specified.....	—	—	302,284
Copper carbonate and copper cyanide.....	—	—	*
Copper products, not specified.....	—	—	83,659
Cores for paper rolls.....	—	—	513,277
Cores, radiator.....	—	—	144,093
Cores, textile winding.....	—	—	*
Cork gaskets and stoppers.....	—	—	*
Corn cracked.....	lb.	47,142,294	932,273
Corsets, girdles, brassieres, etc.—			
Corsets.....	doz.	146,574	2,791,990
Combination garments.....	"	58,304	1,494,759
Bandeaux, brassieres, etc.....	"	305,294	1,613,360
Suspender girdles, shoulder straps, etc.....	—	—	251,728
Corset steels, and clasps.....	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported only by one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1941—Con.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Cotton fabrics—	lb.	8,163,880	—
Bleached or white.....	yd.	35,557,370	4,231,626
Unbleached or gray.....	lb.	79,491,631	—
Cotton and continuous filament, art. silk mixed—	yd.	239,331,273	30,927,814
Piece dyed.....	lb.	853,543	—
Bleached.....	yd.	2,225,457	911,712
Other.....	lb.	32,314	—
Printed and painted.....	yd.	84,116	26,322
Yarn and stock dyed.....	lb.	40,199	—
Piece dyed.....	yd.	104,742	38,615
Pillow cotton.....	lb.	17,998,279	—
Not specified.....	yd.	75,536,726	11,469,975
Counters, shoe.....	lb.	16,777,127	—
Covering, boiler and pipe, asbestos.....	yd.	41,168,708	8,309,505
Covers, canvas.....	lb.	16,856,305	—
Covers, couch, table, and other furniture.....	yd.	65,370,991	12,092,992
Covers, mattress.....	lb.	660,483	—
Covers, radiator, tire, seat, etc., fabric.....	yd.	1,987,298	403,551
Covers, not specified.....	yd.	481,241	231,981
Cracklings, and fats.....	pr.	28,034,436	422,379
Crayons, wax and chalk.....	ft.	4,122,646	611,431
Cream curd.....	—	—	2,001,206
Cream, sold in dairy factories.....	—	—	197,000
Cream, whey, sold in dairy factories.....	—	—	114,755
Cream of tartar, refined.....	—	—	339,014
Cream separators, electric.....	—	—	387,824
Creosote.....	lb.	23,252,890	470,856
Croquet sets.....	—	—	221,209
Cross arms.....	—	—	95,431
Crucibles, from domestic clay.....	—	—	7,794
Crushers and parts.....	—	—	84,884
Cuffs, fur.....	—	—	113,591
Cultivators.....	pr.	18,430	74,042
Culverts, sheet metal.....	no.	7,731	511,603
Cups, paper, drinking.....	—	—	*
Curtains, shower.....	—	—	*
Curtains, window.....	—	—	18,643
Curtain material.....	pr.	1,405,594	1,317,509
Curtain rods and fixtures.....	yd.	2,020,421	335,426
Cushions (see also "pillows and cushions").....	—	—	427,756
Cushion forms.....	—	—	307,852
Cushions and mattresses, air and sponge.....	no.	148,571	70,658
Cutlery, all kinds.....	doz.	1,393	29,321
Dairy products, not specified.....	—	—	1,099,832
Dairy equipment, not specified.....	—	—	19,936
Decorations, including party favours, confetti, etc.....	—	—	595,279
Dentists' supplies, not elsewhere specified.....	—	—	70,274
Deodorant.....	—	—	136,833
Depressors, tongue.....	—	—	232,460
Desk sets.....	—	—	10,568
Dextrine.....	—	—	30,296
Diaries, printed, etc.....	—	—	*
Dies, aluminum.....	—	—	65,346
Dies, stamping, drawing and cutting.....	—	—	*
Dies, taps and stocks.....	—	—	1,244,790
Dies, rubber, n.s.....	—	—	1,250,804
Diggers, potato.....	—	—	78,475
Dinnerware, china.....	no.	513	39,950
Discs, agricultural.....	—	—	*
Dish cloths.....	no.	6,236	1,334,047
Disinfectants.....	—	—	47,860
Display forms, and mounting.....	—	—	499,251
Display stands.....	—	—	421,012
Distillers' grain.....	—	—	80,224
	—	—	231,909

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1941—Con.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Dog collars.....	no.	87,993	22,363
Dolls of all kinds.....	—	—	909,439
Dolls' furnishings and parts.....	—	—	9,520
Doors, steel rolling, kalomein and hollow metal.....	—	—	*
Dowels.....	—	—	117,394
Draperies and drapery material.....	yd.	4,029,583	489,966
Dresses, women's and misses'—			
Cotton.....	no.	4,994,702	5,826,491
Linen.....	"	25,499	68,198
Artificial silk and mixtures.....	"	6,701,986	23,185,831
Velvet.....	"	54,680	404,926
Woollen.....	"	384,230	2,314,512
Not specified.....	"	521,065	988,824
Dresses, children's—			
Cotton.....	doz.	244,880	1,973,463
Artificial silk and mixtures.....	"	65,740	821,105
Woollen.....	"	30,174	614,551
Not specified.....	"	7,386	60,085
Dressing gowns, negligees (see "bathrobes," etc.).....	—	—	—
Dressing, salad.....	lb.	9,437,026	1,878,638
Drilling machines.....	—	—	8,922
Drills, grain.....	no.	7,944	1,399,776
Drills, twist and other.....	—	—	3,149,218
Drills, mining and metallurgical.....	—	—	*
Druggists' sundries—			
Hot water bottles.....	doz.	60,225	274,888
Finger cots and pads.....	"	203,814	19,038
Nipples and soothers.....	"	380,767	94,781
Ice caps and collars.....	"	5,314	26,496
Not specified.....	—	—	25,360
Drums, veneer and plywood.....	no.	148,442	111,762
Dyeing, finishing, shrinking, etc.—†			
Dyeing and finishing of textiles.....	yd.	60,852,232	3,765,650
Dyeing and finishing of yarns.....	lb.	3,174,349	2,545,559
Dyeing and finishing of other products.....	—	—	818,635
Bleaching, sponging, etc.....	—	—	367,536
Dyes, household.....	—	—	425,065
Dyes and dressing, leather.....	—	—	458,020
Eavetrough and pipe.....	—	—	513,044
Economizers.....	—	—	*
Egg substitute, including powdered albumen.....	lb.	454,483	155,641
Eggs, frozen.....	"	3,543,969	719,853
Eiderdown (see "Woollen cloth").....	—	—	—
Elastic products, not elsewhere specified.....	—	—	683,229
Electrical heating elements (sold separately).....	—	—	126,221
Electrical apparatus, parts and supplies not elsewhere specified.....	—	—	2,957,769
Electrical instruments and meters, except ammeters for autos.....	—	—	2,518,088
Electrodes, carbon and graphite.....	ton	111,480	7,031,761
Electrotyping and stereotyping.....	—	—	1,531,346
Elevator parts.....	—	—	227,981
Elevators, freight and passenger.....	—	—	1,729,244
Embalming fluid.....	—	—	89,861
Embossing.....	—	—	174,764
Embroideries and laces.....	—	—	513,951
Embroidery, custom.....	—	—	1,105,624
Enamel frit.....	—	—	—
Enamels, synthetic type.....	imp. gal.	1,421,914	4,488,227
Enamels, oil type.....	—	716,487	1,812,102
Enamel, not specified.....	—	—	3,066
Engines, auto.....	—	—	*
Engines, auto, parts.....	—	—	*
Engines, gasoline.....	—	—	1,313,159
Engines, steam.....	—	—	5,640,587
Engines, diesel and other, not specified.....	—	—	799,399
Engine and turbine parts.....	—	—	1,874,030
Engraving (trade work).....	—	—	250,990
Ensilage cutters.....	—	—	45,383
Envelopes made.....	M	2,109,895	3,736,087
Envelopes, printed.....	—	—	2,634,128
Ethyl acetate.....	—	—	*
Eveners.....	—	—	21,621

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

†See footnote on page 140.

Alphabetical List of Products Manufactured in Canada, 1941—Con.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Excelsior, paper.....	ton	1,219	46,844
Excelsior, wood.....	"	8,810	220,947
Excelsior pads, wrappers, etc.....	"	—	210,257
Explosives.....	"	—	39,871,645
Extracts, flavouring.....	"	—	2,433,240
Extracts, flavouring, concentrates, etc. (used for soft drinks).....	gal.	1,723,315	4,491,228
Fabrics, coated and impregnated not elsewhere specified.....	"	—	*
Fabrics, rubberized and waterproofed.....	yd.	3,175,823	1,351,804
Fabrics, not specified.....	yd.	—	583,203
Facial tissues (see tissue, cleansing).			
Facings and partings, foundry.....	"	—	177,410
Fanning mills.....	"	—	67,289
Fans, electric.....	no.	17,223	115,829
Fasteners, zipper.....	"	—	3,105,785
Fasteners, other.....	"	—	677,916
Feathers, artificial.....	"	—	197,938
Feed, chopped.....	ton	1,103,867	32,527,727
Felt, coated and saturated (fabrics).....	"	—	*
Felt, cotton, hair and jute.....	"	—	1,003,096
Felt, harness and athletic.....	lb.	448,883	243,195
Felt, for pulp and paper making.....	"	2,497,510	4,051,684
Felt, lining, trimming, and padding.....	"	—	325,211
Felt, paper (see paper).			
Felt, shoe and insole.....	"	—	450,155
Felt, not specified.....	"	—	643,205
Fences, electrical, and equipment.....	"	—	121,789
Fencing, wire.....	"	—	1,264,652
Fencing, chain link.....	"	—	346,112
Fencing, snow.....	"	—	364,355
Ferro-alloys (ferro-silicon, ferro-chrome, ferro-manganese, silicon spiegel, spiegelisen, etc.).....	"	—	20,812,678
Ferro-phosphorus.....	"	—	*
Fertilizers.....	ton	297,538	8,617,040
Fertilizer sowers.....	no.	486	35,121
Fibre board.....	"	—	815,882
Fibre products, n.s.....	"	—	480,200
Files and rasps.....	"	—	*
Filing system supplies.....	"	—	1,223,236
Fillers, non-metallic minerals.....	"	—	147,195
Fillers and flats, egg-case.....	"	—	194,989
Fillings, pie and cake.....	"	—	370,663
Films, motion picture.....	"	—	*
Films, photographers'.....	"	—	*
Filters, filter presses, discs, etc.....	"	—	210,582
Fire clay.....	ton	5,431	35,475
Fire extinguishers.....	"	—	775,060
Fire fighting and fire protection equipment, not elsewhere specified.....	"	—	1,500,421
Fireplace furnishings.....	"	—	193,590
Fireworks.....	"	—	2,064,471
Fish, canned and otherwise prepared in factories.....	"	—	36,568,623
Fish, fresh, marketed for consumption, sold in factories.....	"	—	11,607,468
Fishing nets.....	"	—	*
Fishing tackle.....	"	—	246,218
Fixtures, lighting, exterior.....	"	—	842,902
Fixtures, lighting, interior.....	"	—	4,018,073
Fixtures, lighting, not specified.....	"	—	1,072,589
Flags and bunting.....	"	—	363,893
Flashlights.....	"	—	*
Flatware, electro-silver plated and sterling.....	"	—	2,733,729
Flax products.....	"	—	747,900
Flax seed.....	"	—	334,190
Floor covering, congoleum and other.....	"	—	*
Flooring, hardwood.....	M ft. b.m.	54,115	3,683,997
Floor tile and joists, steel.....	"	—	178,298
Flotation machines (mining and metallurgical).....	"	—	452,752
Flour, barley (see "Flour and meal").			
Flour, buckwheat.....	lb.	1,780,000	40,259
Flour, corn.....	"	6,750,772	230,497
Flour, potato.....	ton	2,378	231,558
Flour, preparations for sausage fillings.....	lb.	4,158,473	243,046
Flour, prepared, and self-raising.....	"	12,437,794	1,131,286

NOTE.—The asterisk (*) indicates that the commodity was reported only by one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1941—Con.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Flour, soya bean.....	lb.	1,346,162	98,812
Flour, wheat—			
Spring, No. 1 patent.....	bbbl.	6,429,454	24,720,132
Spring, No. 2 patent.....	"	5,990,974	22,640,250
Spring, straight.....	"	6,170,567	23,263,919
Ontario winter, straight.....	"	1,256,915	5,526,100
Feed flour.....	"	215,729	616,048
Low grade flour.....	"	474,201	1,364,557
All other.....	"	331,762	1,140,737
Flour, graham or whole wheat.....	lb.	19,391,222	363,586
Flour and meal, barley.....	"	50,589,018	771,067
Flour, rice.....	—	—	*
Flour and meal, rye.....	lb.	9,871,870	178,738
Flowers, artificial.....	—	—	769,050
Fly pads and paper.....	—	—	183,000
Fly swatters.....	doz.	26,438	24,740
Foil of tin, lead and aluminum.....	—	—	*
Folding (trade work).....	—	—	65,519
Food drinks (powdered).....	lb.	1,874,477	984,319
Food drinks (liquid).....	—	—	1,893,237
Food, fox, dog, etc.—			
Fox biscuits.....	ton	1,529	147,183
Dog biscuits.....	"	1,129	145,342
Canned dog food.....	"	7,181	989,521
Other dog food.....	"	661	61,123
Fox food, other than biscuits.....	"	6,554	530,823
Rabbit, turtle and other animal food.....	"	1,810	118,976
Canned animal food, other.....	"	124	11,217
Food, poultry, stock, etc.....	"	478,066	21,402,511
Food, poultry, stock, etc., ingredients.....	"	3,939	171,014
Food, infants and dietetic.....	lb.	2,202,905	563,484
Food, infants', canned.....	"	6,196,015	1,345,101
Food products, not specified.....	—	—	157,195
Foats, vegetable oil.....	lb.	2,969,291	90,121
Footwear, leather—			
Felt upper—			
Babies'.....	pr.	5,953	6,803
Boys'.....	"	29,344	39,389
Children's and misses'.....	"	135,841	80,577
Men's.....	"	372,667	579,940
Women's.....	"	239,194	200,017
Leather or fabric upper—			
Babies.....	"	1,564,408	1,137,899
Boys'.....	"	1,212,614	1,952,204
Children's.....	"	3,226,444	3,613,454
Men's.....	"	8,408,751	22,438,621
Women's.....	"	12,295,833	23,832,415
Footwear, shoe packs, larrigans, moccasins, etc.—			
Babies'.....	pr.	32,018	9,052
Boys'.....	"	20,146	21,855
Children's.....	"	9,162	7,593
Men's.....	"	59,282	100,573
Women's.....	"	21,140	24,913
Not specified.....	—	—	26,668
Footwear, rubber			
Knee and hip boots, all rubber.....	pr.	2,419,803	4,128,360
Lumbermen's boots, all rubber.....	"	1,281,812	2,073,719
Lumbermen's boots, leather tops.....	"	229,955	985,260
Rubbers, light and heavy, inc. Jersey storms.....	"	4,494,180	3,031,552
Bathing shoes.....	"	—	*
Overshoes and galoshes, all rubber.....	"	1,286,639	1,600,930
Overshoes and galoshes, fabric upper.....	"	2,958,924	6,055,597
Balmorals, rubber soled, fabric tops.....	"	681,786	551,139
Oxfords, rubber soled, fabric tops.....	"	3,090,127	2,315,397
Balmorals, rubber soled, leather tops.....	"	26,913	69,909
Oxfords, rubber soled, leather tops.....	"	416,245	809,784
Rubber bottoms for leather tops.....	"	124,001	199,636
Not specified.....	"	15,587	18,863
Forgings, not elsewhere specified.....	—	—	21,738,530
Forks, farm implements.....	no.	475,183	408,140
Formaldehyde.....	—	—	*
Forms, continuous, printed.....	—	—	2,654,899
Fountains, soda.....	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1941—Con.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Frames, spectacle, cases, etc.	—	—	*
Fringes, cords and tassels	—	—	455,101
Fruit drinks	—	—	144,510
Fruit juices, canned	lb.	16,896,683	869,965
Fruit juices, other	—	—	860,690
Fruit peel, candied	lb.	1,956,426	378,303
Fruit pulp	"	987,917	30,303
Fruits, canned—			
Apples	lb.	12,821,598	617,477
Apple sauce	"	520,386	34,311
Apricots	"	4,130,330	423,192
Blackberries	"	351,534	41,018
Blueberries	"	979,048	117,914
Cherries	"	4,463,291	510,831
Grapefruit	—	—	*
Loganberries	lb.	623,711	61,293
Peaches	"	30,886,874	2,541,757
Pears	"	14,390,854	1,384,460
Pineapple	—	—	*
Plums	lb.	6,618,628	460,748
Raspberries	"	1,339,426	188,243
Rhubarb	"	273,759	11,485
Strawberries	"	2,188,189	295,099
Other fruits, not specified	"	2,130,186	345,813
Fruits, evaporated, other than apples	—	—	*
Fruits, fountain	lb.	2,888,849	802,384
Fruits, glacé	"	3,689,488	1,032,609
Fruits, frozen or cold pack, for re-processing	"	15,975,133	1,064,389
Fruits, straight frozen, not for re-processing	"	3,290,420	400,719
Fuel, hog	—	—	195,430
Fur dressing and dyeing	—	—	2,476,289
Fur trimming, remodelling, etc.	—	—	4,117,239
Furnaces, electrometallurgical	—	—	1,070,183
Furnaces, hot air	—	—	2,472,632
Furnaces, tobacco drying	—	—	*
Furnace parts, not elsewhere specified	—	—	407,989
Furniture—			
Bedroom	—	—	9,548,546
Dining room	—	—	3,390,158
Kitchen	—	—	3,537,341
Living room	—	—	11,707,528
Other household	—	—	3,715,182
Office, steel	—	—	3,183,909
Office and store furniture and fixtures	—	—	4,500,813
Other, steel	—	—	454,036
Children's	—	—	529,660
School, lodge, church and theatre	—	—	1,225,207
Camp, lawn and verandah	—	—	398,022
Wicker, fibre, reed and rattan, not specified	—	—	664,804
Furniture, not specified, and other cabinet work	—	—	1,404,597
Furniture frames and parts	—	—	1,388,073
Fuses and fuse wire	—	—	1,055,545
Gaiters, spats and leggings	—	—	96,599
Galvanized ware	—	—	1,496,084
Games, not specified	—	—	295,459
Garage equipment	—	—	757,908
Garages, metal	—	—	*
Gas, made—			
Retort coal gas	M cu. ft.	5,662,989	—
Coke oven gas	"	40,143,240	—
Producer gas	"	9,415,880	—
Water gas	"	2,498,003	—
Not specified	"	8,691	—
Gas sold	"	16,931,434	15,888,723
Gas used in heating ovens, retorts or gas plants	"	23,489,119	3,052,823
Gas used in associated metallurgical work	"	13,352,389	1,636,603
Gas otherwise accounted for, but not sold	"	2,335,672	122,761
Gas, not accounted for	"	1,368,490	856,218
Gas, still, from petroleum refineries (for own use)	"	9,971,268	3,109,920
Gas, oil	gal.	45,208	522,014
Gasoline	imp. gal.	857,924,454	90,281,169
Gas masks and equipment	—	—	1,158,635

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1941—Con.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Gates, wire.....	—	—	180,014
Gauges, not specified.....	—	—	2,087,347
Gears, industrial.....	—	—	74,249
Gears, wagon.....	—	—	21,355
Generators—			
Alternating current.....	no.	94	1,835,020
Direct current.....	"	353	645,205
Generators not specified.....	—	—	*
Generators, engine driven.....	no.	6,486	1,322,027
Generator parts.....	—	—	78,215
Glass, bent.....	—	—	95,866
Glass bevelled, and polished edge.....	—	—	222,005
Glass, chipped or etched.....	—	—	35,436
Glass, cut.....	—	—	613,534
Glass, fibre.....	—	—	90,074
Glass, leaded, including memorial windows.....	—	—	101,400
Glass, non-shatterable.....	—	—	2,738,668
Glass, pressed, and blown.....	—	—	14,577,033
Glass, windshield.....	—	—	651,683
Glass products, not specified.....	—	—	320,335
Gloves and mittens—			
Dress, knitted.....	doz. pr.	105,285	783,178
Dress, other.....	"	104,164	584,798
Work, knitted.....	"	40,790	97,368
Work, other.....	"	516,369	1,027,501
Knitted not specified.....	"	27,587	112,803
Not specified.....	—	—	323,500
Gloves and mittens, leather, dress—			
Men's, lined.....	"	73,685	788,403
Men's, unlined.....	"	52,793	632,080
Women's and children's, lined.....	"	26,630	210,333
Women's and children's, unlined.....	"	104,892	1,269,333
Gloves and mittens, leather, work—			
Men's, lined.....	doz. pr.	99,389	729,250
Men's, unlined.....	"	404,777	2,772,339
Boys', lined.....	"	52,054	198,790
Boys', unlined.....	"	7,443	39,908
Gloves and mittens, leather, not specified.....	—	—	110,213
Gloves and mittens, fur and fur-lined.....	doz. pr.	671	3,328
Gloves, rubber and rubberized.....	doz.	246,193	606,784
Glucose or dextrose.....	—	—	*
Glue (bone, hide, fish and vegetable).....	lb.	25,072,354	2,503,680
Glue stock.....	"	29,713,431	239,896
Gluten.....	—	—	*
Glycerine, crude and not specified.....	lb.	2,473,538	233,504
Glycerine, refined.....	"	11,705,842	1,483,997
Goggles, sun.....	—	—	274,026
Gold alloys.....	—	—	829,522
Gold, fine.....	—	—	1,474,703
Gold leaf.....	—	—	*
Golf supplies, not elsewhere specified (including golf bags, sticks, heads, clubs and stick shafts).....	—	—	303,847
Grains, sold wet and dry (breweries).....	ton	73,151	498,736
Granite, cut (building and ornamental).....	—	—	1,674,915
Grape concentrate.....	—	—	*
Grape juice.....	—	—	85,868
Graphite.....	—	—	116,601
Grate bars.....	lb.	1,909,901	1,315,053
Grease.....	"	24,031,780	185,523
Grease, lubricating.....	"	1,105,582	259,482
Grills, and hot plates, electric.....	no.	106,270	223,928
Grinding machines.....	—	—	1,470,950
Grinding balls.....	—	—	*
Grinding compound.....	—	—	*
Gums, unvulcanized.....	lb.	694,581	205,918
Gymnasium supplies, not specified.....	—	—	*
Gypsum blocks.....	—	—	*
Hair, animal, raw.....	—	—	573,352
Hair goods.....	—	—	19,812
Hair wavers, curlers, pads, etc.....	—	—	279,453
Halters.....	no.	122,351	110,654
Hames.....	—	—	45,156

NOTE.—The asterisk (*) indicates that the commodity was reported only by one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1941—Con.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Hammers.....	—	—	*
Hammo-stands.....	—	—	*
Hammocks.....	doz.	9,973	367,111
Handkerchiefs.....	—	381,327	266,048
Handles, broom and mop.....	no.	20,429,590	336,009
Handles, long, tool and axe.....	—	3,602,872	659,305
Handles, small, tool.....	"	19,480,602	419,513
Handles, not specified.....	—	—	98,240
Hangers, garment.....	—	—	207,516
Hardware, automobile.....	—	—	1,435,252
Hardware, builders'.....	—	—	4,281,579
Hardware, carriage and saddlery.....	—	—	500,141
Hardware, furniture.....	—	—	641,004
Hardware, pole-line.....	—	—	2,070,723
Hardware, not specified.....	—	—	1,970,608
Harness, double.....	set	9,639	342,705
Harness, single.....	"	3,057	72,854
Harness collars.....	no.	107,902	322,473
Harness parts.....	—	—	513,882
Harrow.....	no.	36,889	840,987
Harrow parts.....	—	—	25,276
Hat blocks.....	—	—	29,702
Hat boxes (travelling).....	no.	43,574	124,228
Hats, cotton—			
Children's.....	doz.	8,410	22,770
Men's and women's.....	"	2,895	10,602
Hats, fur felt—			
Men's.....	doz.	80,890	2,168,351
Women's and children's.....	"	58,350	1,652,668
Hats, wool, felt—			
Men's.....	"	69,882	930,814
Women's.....	"	233,416	3,228,169
Children's.....	"	6,354	67,107
Hats, velour felt.....	"	1,905	74,692
Hats, linen.....	"	260	4,765
Hats, straw—			
Men's.....	"	27,737	178,172
Women's.....	"	124,229	2,120,582
Children's.....	"	14,582	54,072
Other, not specified.....	"	12,296	20,926
Hats, panama.....	"	2,599	51,170
Hats, silk and crepe, women's and children's.....	"	16,178	216,058
Hats, velvet.....	"	15,220	244,768
Hats, waterproofed.....	"	3,426	36,683
Hats, not specified—			
Women's.....	"	55,577	294,404
Infant's headwear.....	"	19,461	56,828
Not specified.....	"	8,436	55,359
Tams, berets, etc.....	"	46,791	241,140
Hats, cleaned and reblocked.....	—	—	16,785
Hat bodies.....	doz.	385,264	2,636,888
Hatters' supplies, incl. hat linings.....	—	—	110,539
Hay carriers.....	—	—	*
Hay loaders.....	no.	1,812	151,488
Hay rakes, all kinds.....	"	6,112	251,229
Heading, barrel.....	—	—	377,517
Heaters, air, electric.....	—	—	65,790
Heaters, auto and engine.....	no.	72,387	543,981
Heaters, boiler, feed, water.....	—	—	275,578
Heaters, water tank, electric.....	no.	36,498	186,538
Heaters, water tank, gas.....	"	14,904	366,653
Heaters, water tank, cast iron.....	"	9,321	114,049
Heaters, water, other.....	—	—	22,954
Heaters, not specified.....	—	—	89,027
Heaters, electric unit.....	—	—	1,669,138
Heating and ventilating equipment, not elsewhere specified.....	—	—	3,514,834
Heels, leather and wood.....	pr.	20,464,158	1,483,373
Heel board and top lifts.....	—	—	46,495
Heels, rubber, and composition.....	pr.	16,740,876	1,048,396
Helmets.....	doz.	77,454	1,421,251
Hexachlorethane.....	—	—	6,542,869
Hides, all kinds.....	—	—	9,610
Hockey pucks.....	doz.	14,011	

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1941—Con.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Hockey sticks.....	—	—	206,065
Hoes, hand.....	no.	215,319	116,732
Hoes, horse and power.....	—	—	25,515
Hoists.....	—	—	597,792
Hollow-ware, sterling silver.....	—	—	187,465
Hollow-ware, and spinings, aluminum, brass and copper.....	—	—	279,701
Hollow-ware, electro-plated, on Britannia metal.....	—	—	739,737
Hollow-ware, electro-plated, on brass or copper.....	—	—	1,489,909
Hollow-ware, electro-plated on nickel silver.....	—	—	74,076
Hollow-ware, iron and steel.....	—	—	142,092
Honey butter.....	—	—	47,932
Hooks, eyes, notions, etc., not elsewhere specified.....	—	—	16,283
Hoops, wooden.....	M	23,976	50,888
Hoops, steel.....	—	—	172,629
Hoops, bands and strips, hot and cold rolled (sold).....	long ton	17,617	1,765,795
Horseradish, prepared.....	lb.	157,943	63,147
Horse-shoes.....	—	—	388,472
Hose, fire, unlined, linen.....	—	—	—
Hose, rubber.....	—	—	5,531,578
Hosiery—			
Cotton.....	doz. pr.	1,123,314	1,902,572
Cotton mixtures, chiefly cotton.....	—	851,839	1,984,005
Mercerized.....	—	605,604	1,633,276
Silk.....	—	1,050,167	6,530,089
Silk mixtures, chiefly silk.....	—	1,310,561	7,808,273
Bemberg.....	—	36,694	217,208
Artificial silk mixtures, chiefly artificial silk.....	—	1,515,715	5,618,926
Woollen.....	—	930,475	3,233,957
Woollen mixtures, chiefly woollen.....	—	807,492	2,731,192
Cashmere.....	—	175,864	604,155
Merino and mixtures, chiefly merino.....	—	177,653	644,758
Worsted from oil spun yarn.....	—	221,065	1,054,786
Worsted and cotton.....	—	76,512	238,670
Other, which cannot be classified.....	—	74,904	448,369
Humidifiers and air conditioners.....	no.	4,334	97,333
Hydrants.....	—	—	249,239
Hydrogen.....	cu. ft.	57,566,031	175,996
Hydrogen peroxide.....	—	—	*
Ice, artificial.....	ton	474,750	1,958,806
Ice cream (factory).....	gal.	12,782,343	15,602,119
Ice cream mix.....	—	1,383,839	1,530,842
Ice cream sundries.....	—	—	223,042
Iceings and icing paste.....	lb.	1,923,097	197,954
Ignition coils, etc.....	—	—	*
Implements, hand, not specified.....	—	—	97,953
Incinerators.....	—	—	*
Incubators and other poultrymen's supplies.....	—	—	658,763
Infant's wear, not specified.....	—	—	660,176
Ingots, brass, bronze, etc. (see "Bars and ingots")	—	—	—
Ingots, steel—			
Quantity made.....	long ton	2,593,512	—
Quantity sold.....	—	148,127	6,814,799
Ink, printing and lithographing.....	lb.	10,984,222	3,717,425
Ink, writing.....	—	436,850	380,129
Ink, not specified.....	—	—	101,082
Insecticides.....	—	—	1,697,617
Insulating materials, n.e.s.....	—	—	349,681
Insulators, porcelain.....	—	—	1,642,110
Insulin.....	—	—	—
Iron, corrugated products.....	—	—	396,911
Iron, pig—			
Quantity made.....	net ton	1,528,053	—
Quantity sold.....	—	338,066	7,080,242
Ironers, electric.....	no.	2,360	150,679
Irons, flat, electric.....	no.	271,535	630,188
Irons, gasoline.....	—	—	*
Iron work, ornamental and architectural.....	—	—	2,047,766
Jacks, not specified.....	—	—	83,966
Jams.....	lb.	56,437,489	6,034,872
Javelle water.....	—	—	701,543
Jellies.....	lb.	3,066,915	388,295

NOTE.—The asterisk (*) indicates that the commodity was reported only by one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1941—Con.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Jersey cloth.....	—	—	1,490,328
Jewellery.....	—	—	6,350,857
Jute, jute paddings, jute yarn.....	—	—	808,137
Kapok.....	—	—	4,476
Kegs, beer.....	—	—	*
Kegs, fish.....	no.	8,994	10,022
Kegs, nail, etc.....	no.	1,436,160	376,270
Kerosene.....	gal.	26,799,838	2,745,759
Kitchen equipment for hotels, cafeterias, etc.....	—	—	1,140,090
Kitchenware, aluminum.....	—	—	1,025,705
Kitchenware, other.....	—	—	1,797,252
Knitted fabrics.....	yd.	3,511,284	2,099,358
Knitted goods, miscellaneous—			
Infants' jackets, boots, etc.....	—	—	523,099
Hoods, caps and tuques.....	—	—	243,475
Knives, machine.....	—	—	519,224
Knives, army and other.....	—	—	249,839
Labels, paper and cloth, gummed.....	—	—	152,783
Labels, fabric.....	—	—	528,129
Laces, shoe, silk and cotton.....	—	—	661,978
Laces, shoe, leather.....	doz. pr.	95,223	21,146
Laces, corset.....	—	—	*
Lacquers, cellulose.....	imp. gal.	1,493,523	3,826,094
Lacrosse sticks.....	—	—	*
Lactose (see "Sugar of milk").....	—	—	*
Ladders, step, extension, etc.....	—	—	146,763
Lamps, incandescent, except therapeutic.....	no.	59,829,734	6,964,084
Lamps, table and floor.....	—	—	1,213,083
Lamp shades and wire frames.....	—	—	672,422
Lamp stands and lamp bases.....	—	—	211,132
Lamps and lanterns, railway, marine, etc.....	—	—	538,613
Lard.....	lb.	76,947,408	7,181,453
Lasts, trees and shoe findings, not elsewhere specified.....	—	—	511,161
Lathes, metal.....	—	—	10,664,282
Lath, metal.....	—	—	888,895
Lath, wood.....	—	—	731,999
Laundry nets and ribbons.....	—	—	*
Lead acetate.....	—	—	*
Lead naphthanate.....	—	—	*
Lead oleate.....	—	—	*
Lead, red.....	—	—	*
Lead, white, dry.....	—	—	*
Lead, white, in oil.....	lb.	7,639,869	567,966
Lead, sheet.....	"	13,523,228	1,096,384
Lead products, n.s.....	"	4,882,627	407,289
Lead for pencils.....	—	—	*
Leather.....			
Belting.....	lb.	960,073	712,088
Bookbinders'.....	—	—	*
Bag, garment, pocket book, trunk, etc.....	sq. ft.	26,910,407	4,507,971
Harness.....	lb.	2,293,865	929,188
Lace.....	"	88,201	80,909
Oil tanned, shoepack.....	"	118,126	44,029
Sole—			
Chrome.....	lb.	307,384	119,998
Hemlock.....	"	110,283	56,154
Oak.....	"	26,005,581	9,990,286
Splits and other.....	—	—	73,606
Upholstering.....	sq. ft.	1,300,367	344,287
Upper leather—			
Calf skins.....	sq. ft.	10,398,066	3,517,837
Cattle and horse hides.....	"	32,820,877	7,160,469
Chrome splits.....	"	11,095,358	1,201,927
Goat skins.....	"	489,689	103,786
Patent and enamelled.....	"	4,800,955	1,090,556
Sheep skins.....	"	5,570,132	696,139
Wax splits.....	—	—	*
Other.....	—	—	599,286
Leather splits, not specified.....	—	—	435,807
Other leather, not specified.....	—	—	51,635
Leather board.....	—	—	85,440
Leather goods, not specified.....	—	—	543,268

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1941—Con.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Lemon butter.....	—	—	*
Lenses, optical.....	—	—	932,057
Life buoys, jackets, etc.....	—	—	104,398
Lighter fluid.....	—	—	*
Lighters, cigarette.....	—	—	948,246
Lightning arresters, n.e.s.....	—	—	364,456
Lightning rods and supplies.....	—	—	99,320
Lime, grey acetate.....	—	—	*
Lime, hydrated.....	—	—	*
Lime, quick.....	—	—	6,447,528
Limestone.....	—	—	416,085
Linings, brake, asbestos.....	ft.	5,870,809	1,371,791
Linings, glove, shoe, etc.....	—	—	405,085
Linings, not specified.....	—	—	115,840
Litharge.....	—	—	*
Lithographing (see "Printing").....	—	—	*
Locomotives, new and tenders.....	—	—	*
Locomotive and car parts.....	—	—	5,271,156
Lubricating and filtration systems.....	—	—	698,803
Lumber, matched.....	M. ft.b.m.	146,306	6,353,057
Lumber, planed.....	"	248,808	10,678,206
Lumber, sawn.....	—	—	130,233,270
Lumber, not specified.....	—	—	54,372
Lye.....	lb.	2,747,223	344,360
Macaroni and spaghetti, canned.....	lb.	18,007,163	1,474,849
Macaroni, vermicelli, spaghetti, etc.....	"	44,314,661	1,983,514
Machinery—			
Accounting machines.....	—	—	1,340,348
Adding and other calculating.....	no.	5,274	390,627
Bakers' mixing.....	—	—	283,318
Bakers', not elsewhere specified.....	—	—	179,259
Boring (wood-working).....	—	—	*
Bottlers'.....	—	—	*
Can making.....	—	—	*
Canning and parts.....	—	—	*
Cheese factory.....	—	—	*
Chlorinating.....	—	—	*
Cleaning and pressing.....	—	—	253,697
Coal handling and coal pulverizing.....	—	—	74,095
Concrete and cement making.....	—	—	93,375
Concrete mixers.....	—	—	*
Dairy.....	—	—	722,074
Elevating and conveying.....	—	—	3,247,396
Flax mill.....	—	—	*
Flour and grist mill, not elsewhere specified.....	—	—	306,416
Grain, grinding, cleaning, etc.....	—	—	310,569
Grain elevator.....	—	—	411,578
Harvesting (pick-ups).....	—	—	*
Hoisting, except mine hoists.....	—	—	*
Kitchen, not specified.....	—	—	*
Laundry.....	—	—	896,038
Leather-working, not elsewhere specified.....	—	—	218,557
Logging.....	—	—	214,352
Metal-working, not elsewhere specified.....	—	—	3,359,310
Metering equipment.....	—	—	*
Milking.....	—	—	*
Mining and metallurgical, not elsewhere specified, and parts..	—	—	2,014,286
Office, not elsewhere specified.....	—	—	266,437
Oil refining and refrigerating.....	—	—	*
Packing house.....	—	—	*
Paint and ink making.....	—	—	*
Printing.....	—	—	16,771
Pulp and paper.....	—	—	3,005,169
Refrigerating.....	—	—	344,909
Road and excavating.....	—	—	1,123,642
Rolling mill.....	—	—	*
Rubber mill.....	—	—	367,856
Sawing, band, machines.....	no.	68	74,826
Saw, and planing mill.....	—	—	369,457
Sewing machines.....	—	—	*
Ships', and fittings.....	—	—	*
Stone-working.....	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1941—Con.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Machinery—Concluded			
Syrup-making.....	—	—	117,581
Textile, not elsewhere specified.....	—	—	155,056
Transmission.....	—	—	3,845,232
Vulcanizing machinery.....	—	—	*
Washing machines—			
Electric.....	no.	104,591	5,327,345
Hand.....	—	—	134,453
Other power.....	no.	13,687	996,960
Washing machine parts.....	—	—	90,163
Water softening equipment.....	—	—	*
Wood-working machinery, n.e.s.....	—	—	35,935
Machinery, not specified.....	—	—	5,289,168
Machinery parts, not specified.....	—	—	2,009,085
Mackinaw.....	yd.	383,564	524,265
Magnesia, fused.....	—	—	156,678
Magnesium carbonate and stearate.....	—	—	*
Malt, made for sale.....	bu.	8,051,932	7,506,338
Malt flour.....	lb.	1,119,981	79,794
Malt extract and syrup.....	—	—	616,713
Malt coomings and sprouts.....	ton	4,467	73,967
Malt products, other.....	—	—	156,340
Manganese naphthanate.....	—	—	*
Mantles, lamp.....	—	—	*
Manure spreaders.....	no.	4,019	467,048
Maple butter.....	—	—	*
Maps.....	—	—	282,719
Marble chips and dust.....	—	—	22,326
Marble, cut and polished.....	—	—	334,563
Marine and fishermen's supplies.....	—	—	212,181
Marmalades.....	lb.	15,691,702	1,690,546
Match blocks.....	—	—	*
Match splints.....	—	—	*
Matchers, (wood-working).....	no.	10	56,660
Matches.....	—	—	2,168,859
Mats and matting, cocoa.....	—	—	*
Mats and matting, rubber.....	lb.	4,581,366	740,453
Mattresses.....	no.	915,613	7,356,768
Meal, alfalfa.....	ton	17,257	424,406
Meal, oilcake, cocoanut.....	—	—	*
Meal, corn.....	lb.	53,610,832	1,260,057
Meal, linseed and flax.....	—	—	15,797
Meal, oilcake, linseed.....	ton	52,089	1,708,840
Meal, pea.....	—	—	1,102
Meal, rice.....	—	—	*
Meal, soybean.....	—	—	*
Meats, canned—			
Poultry.....	lb.	1,116,437	377,438
Meats, other.....	—	—	3,813,181
Meats, cooked, all kinds.....	"	30,114,900	8,042,686
Meats, cured—			
Bacon and sides.....	lb.	356,727,176	67,462,491
Beef, salted and cured.....	"	3,225,601	440,934
Hams.....	"	45,087,737	9,821,705
Pork, salted.....	"	108,281,416	17,611,431
Shoulders.....	"	38,798,430	7,056,853
Other.....	"	35,316,508	6,288,782
Meats, sold fresh—			
Beef.....	lb.	498,443,929	65,751,634
Fancy meats, not specified.....	"	11,948,964	1,006,289
Mutton and lamb.....	"	38,335,942	6,912,517
Pork.....	"	214,085,467	32,427,042
Veal.....	"	74,829,027	10,974,347
Other.....	"	5,693,307	401,968
Medicinal and pharmaceutical preparations—			
Standard.....	—	—	6,727,861
Specialties registered as patent medicines.....	—	—	7,564,628
Specialties sold with ingredients declared.....	—	—	12,003,352
Other.....	—	—	1,342,560
Metal products, not specified.....	—	—	357,398
Meter parts.....	—	—	26,139
Meters, gas.....	no.	14,283	176,820
Meters, gasoline.....	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported only by one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1941—Con.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Meters, water.....	no.	25,012	277,486
Methyl hydrate, crude and refined.....	—	—	*
Mica products.....	—	—	*
Milk, sold in dairy factories.....	gal.	82,476,990	34,754,165
Milk, buttermilk, sold.....	—	—	624,749
Milk, buttermilk, condensed.....	lb.	288,770	8,461
Milk, condensed.....	"	24,798,413	2,626,618
Milk, condensed, skim milk.....	"	4,560,083	290,207
Milk, skim milk.....	—	—	220,321
Milk, evaporated.....	lb.	165,964,032	11,565,829
Milk, skim milk, evaporated.....	"	1,268,784	38,823
Milk, malted.....	—	—	9,326
Milk drinks (see "Food drinks").....	—	—	—
Military web equipment.....	—	—	7,304,964
Military equipment, not specified.....	—	—	6,667,864
Milling cutters.....	—	—	1,694,563
Mince meat.....	lb.	5,851,135	526,264
Mine props, wedges, etc.....	—	—	213,247
Mirrors.....	—	—	1,753,976
Molasses.....	lb.	73,511,346	728,053
Monuments, not specified.....	—	—	38,186
Monuments, lettered only.....	—	—	120,681
Mops—			
Floor.....	doz.	179,540	554,301
Dust.....	"	39,709	249,930
Dish.....	"	35,693	22,658
Other, not specified.....	—	—	52,342
Mop sticks and cloths.....	—	—	101,275
Motion pictures (Positive films processed).....	ft.	45,723,260	1,427,132
Motors, electric, A.C. and D.C. (except starting motors).....	no.	265,210	9,414,884
Motors, other, and parts.....	—	—	758,192
Moulders, wood-working.....	no.	14	24,958
Mouldings.....	—	—	2,217,962
Mounting (trade work).....	—	—	82,995
Mowers, hay.....	no.	11,218	907,600
Mowers, lawn.....	"	51,469	398,200
Mucilage.....	lb.	154,934	83,850
Muffs, fur.....	doz.	20,554	270,394
Muff beds and cloth muffs.....	—	—	21,203
Munitions (shell sales).....	—	—	113,044,526
Music, printed.....	—	—	39,758
Musical instruments and parts, not elsewhere specified.....	—	—	317,456
Musical instruments in process of manufacture.....	—	—	56,476
Mustard, dry.....	—	—	*
Mustard, prepared.....	gal.	829,520	622,852
Mustard compound.....	lb.	404,449	55,159
Nails and spikes, cut from plate—			
Quantity made.....	keg	24,100	—
Quantity sold.....	"	24,599	162,816
Nails, tacks and brads, wire—			
Quantity made.....	keg	1,652,644	—
Quantity sold.....	"	1,770,965	7,060,464
Nails, horseshoe and other, n.e.s.....	—	—	257,056
Naphtha V.M. and P. or solvent.....	gal.	12,092,093	1,230,697
Naval equipment.....	—	—	2,769,275
Neckties.....	doz.	960,628	3,509,072
Neckwear, women's.....	—	—	548,115
Neck pieces, fur.....	no.	30,526	814,522
Neck yokes.....	—	—	*
Needles, knitting.....	—	—	*
Needles, knitting machine.....	—	—	*
Nickel formate.....	—	—	*
Nickel salts.....	—	—	*
Nickel-silver, not elsewhere specified.....	—	—	*
Night dresses—			
Cotton and flannelette.....	doz	101,578	744,042
Silk and artificial silk.....	"	78,500	1,192,331
Nightshirts.....	"	10,276	83,201
Nitrogen.....	—	—	*
Nitro-guanidine.....	—	—	*
Nitrous oxide.....	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1941—Con.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Novelties, advertising, and other, not specified.....	—	—	516,202
Novelties, printed.....	—	—	1,278,826
Nuts, salted, etc.....	—	—	343,529
Oars and paddles.....	—	—	—
Oats, rolled.....	—	—	71,127
Oatmeal.....	ton	91,296	5,994,088
Ofal, not specified.....	"	9,180	415,419
Oil burners and parts.....	"	117,610	3,264,273
Oilcloth, other than floor.....	—	—	316,835
Oilcake, linseed.....	—	—	*
Oil, coconut.....	lb.	40,550,448	2,915,928
Oil, core.....	—	—	276,843
Oil, corn, crude.....	—	—	—
Oil, corn, refined.....	ton	3,034	829,562
Oil, cottonseed.....	lb.	9,969,863	1,036,419
Oil, creosote and other.....	gal.	1,493,857	185,773
Oil, engine and tractor distillate.....	imp. gal.	40,810,126	3,748,460
Oil, essential and re-distilled.....	lb.	10,235	41,082
Oil, fish.....	—	—	*
Oil, fruit.....	lb.	25,525	63,850
Oil, fuel, diesel.....	gal.	79,123,640	4,193,368
Oil, gas and light fuel oil—			
For own use.....	imp. gal.	100,396	4,545
For sale.....	—	—	—
Oil, residual—			
For own use.....	"	135,322,293	7,512,639
For sale.....	"	62,832,512	2,727,422
Oil, fusel.....	"	534,238,465	23,197,496
Oil, lard.....	"	49,721	22,249
Oil, linseed, boiled.....	gal.	—	*
Oil, linseed, raw.....	"	973,454	653,227
Oil, linseed, special.....	"	3,545,437	2,312,509
Oil, lubricating.....	"	2,068,488	1,559,950
Oil, neatfoot.....	"	38,008,499	8,082,756
Oil, oleo.....	lb.	596,797	79,754
Oil, peanut.....	"	2,612,617	160,058
Oil, perilla.....	"	3,196,791	301,459
Oil, silk.....	—	—	*
Oil, soybean.....	lb.	870,864	95,330
Oil, light, n.e.s.....	gal.	1,990,910	686,649
Oil, stand blown, enamel, etc.....	—	—	593,413
Oil, stove.....	—	—	—
Oils, sulphonated, textile oils and other textile chemicals.....	imp. gal.	23,231,604	1,307,618
Oils, other, not specified.....	—	—	1,923,811
Olives.....	—	—	1,024,770
Organs, pipe.....	gal.	146,017	502,237
Organs, other and parts.....	—	—	209,027
Ornaments, dress (clips, pins, etc.).....	—	—	77,172
Ornaments, not specified.....	—	—	146,828
Ovens, commercial, cooking.....	—	—	62,319
Ovens, electric, industrial.....	—	—	281,193
Overalls—			*
Men's.....	doz.	375,303	6,426,549
Children's.....	"	102,576	597,570
Not specified.....	"	708	10,389
Oxides, metallic colouring.....	—	—	*
Oxygen.....	cu.ft.	356,633,855	2,945,542
Packing, asbestos.....	lb.	519,844	225,346
Packing, rubber.....	"	1,364,256	293,904
Packing, not specified.....	—	—	362,762
Pads, couch.....	no.	32,353	153,370
Pads, electric, heating.....	"	37,929	114,991
Pads, horse shoe.....	—	—	*
Pads, scouring and polishing.....	—	—	—
Pads, stamp.....	—	—	33,964
Pads, stair.....	—	—	42,494
Pads, sweat.....	—	—	—
Pads and padding, not specified.....	no.	402,048	234,357
Pails, ice cream.....	—	—	126,303
Pails, oyster.....	no.	7,997,349	53,561
Pails and tubs, wooden.....	—	—	285,626

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1941—Con.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Painting equipment, not specified.....	—	—	*
Paint, varnish and enamel removers.....	gal.	62,573	126,551
Paints, mixed, ready for use.....	imp. gal.	6,966,681	16,021,147
Paints, cold water.....	lb.	10,360,161	792,745
Paints, paste.....	—	6,809,152	910,533
Paints, varnishes and cements, coal tar.....	gal.	51,133	31,068
Paints and enamels, not specified.....	—	—	656,494
Palliasces.....	—	—	*
Panel boards and cabinets.....	—	—	880,985
Pants, men's—			
Woolen.....	no.	1,709,197	6,225,376
Other.....	—	457,591	826,381
Pants and bloomers, boys'—			
Woolen.....	"	369,501	568,092
Other.....	—	647,204	705,522
Pants, breeches and knickers, outing.....	doz.	89,962	1,350,464
Pants and breeches, working—			
Cotton.....	doz.	359,980	4,539,774
Woolen.....	"	276,806	1,667,913
Pants, baby, rubber.....	—	—	205,960
Pants, rubberized and oiled.....	—	—	52,458
Paper—			
Adding machine and cash register.....	—	—	100,560
Blotting.....	s. ton	1,122	220,584
Blotting, coated and enamelled.....	—	—	*
Blue print and photostat.....	—	—	402,370
Book and writing paper—			
Wood fibre, chief ingredient.....	s. ton	43,537	5,418,818
Cover.....	"	1,427	298,661
Box cover, coloured.....	"	1,247	399,091
Writing, basic stock.....	"	54,665	10,433,357
Writing, pads, tablets, etc.....	—	—	678,784
Fine paper, not specified.....	s. ton	5,604	886,214
Map, lithograph, woodcut, etc.....	"	2,154	324,571
Building and roofing paper—			
Asphalt saturated rag, asbestos and solka felt shingles.....	square	751,752	3,772,242
Asphalt saturated rag, asbestos and solka felt sidings.....	"	33,296	183,875
Mineral surfaced rag, asbestos and solka felt roll roofing.....	"	695,592	1,664,922
Smooth surfaced rag, asbestos and solka felt roll roofing.....	"	1,274,354	1,880,867
Tar and asphalt saturated rag, asbestos and solka felts, not coated.....	ton	14,938	1,019,444
Tar and asphalt saturated and coated sheathings and felts.....	"	23,030	1,505,643
Paper and felt building and roofing, untreated.....	"	36,957	2,122,593
Other building and roofing paper.....	"	4,850	233,760
Carbon.....	ream	81,841	996,203
Cigarette tubes and paper.....	—	—	1,187,376
Coated.....	lb.	21,817,900	2,216,004
Coating paper (basic stock).....	s. ton	10,057	1,114,776
Corrugated.....	—	—	700,158
Creped or crinkled.....	lb.	2,803,028	390,118
Decalcomania.....	—	—	73,868
Dry transfers.....	—	—	429,789
Fabric.....	—	—	*
Foolscap, not elsewhere specified.....	—	—	106,078
Friction or flint glazed.....	—	—	*
Gummed (in sheets).....	—	—	*
Lining, pan, shelf, etc.....	—	—	184,687
Parchment.....	—	—	*
Oiled.....	—	—	*
Paper napkins.....	—	—	792,771
Paper doilies, etc.....	—	—	46,433
Newsprint paper—			
Hanging papers.....	s. ton	7,834	598,739
In sheets, for printing.....	"	74,103	3,796,525
In rolls, for printing.....	"	3,367,007	151,570,656
Poster paper.....	"	509	45,559
Side runs for pulping.....	"	44,042	1,425,319
Counter rolls.....	"	463	26,119
Other.....	"	45,100	2,417,112
Safety paper, for cheques, etc.....	—	—	302,484
Stencil.....	quire	39,927	95,661
Tissue, basic stock.....	s. ton	9,009	1,487,972
Tissue, converted.....	"	1,722	332,455

NOTE.—The asterisk (*) indicates that the commodity was reported only by one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1941—Con.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Paper—Concluded			
Toilet, basic stock.....	s. ton	18,264	1,575,934
Toilet, converted.....	—	—	2,715,808
Towel and napkin, basic stock.....	s. ton	8,452	838,233
Towels, paper.....	case	327,959	905,477
Typewriter, not elsewhere specified.....	—	—	153,974
Wall paper.....	—	—	*
Waterproof, other than waxed, n.e.s.....	—	—	*
Waxed, all kinds.....	—	—	*
Wrapping paper—	lb.	39,483,412	4,876,778
Fibre and manila.....	s. ton	16,363	1,517,290
Kraft, basic stock.....	—	118,717	11,783,908
Sulphite.....	—	18,583	2,146,467
Other wrapping paper.....	—	8,918	1,297,141
Paper, miscellaneous, not elsewhere specified, basic stock.....	—	5,249	755,791
Paper, miscellaneous, not elsewhere specified, converted.....	—	—	1,228,878
Paper board—			
Bristol and index board.....	s. ton	6,362	1,147,825
Container chip.....	—	9,301	481,467
Corrugated board.....	—	165,352	9,347,519
Liner, jute.....	—	67,572	3,649,057
Liner, kraft.....	—	52,888	3,710,366
Manila, lined.....	—	15,267	1,090,903
Mill wrappers.....	—	52,741	2,003,932
Mounting board.....	—	—	*
Clay coated and enamelled.....	—	—	*
Patent coated, white.....	s. ton	47,537	4,375,077
Coated other, not specified.....	—	—	1,034,582
Sheathings, .009" or over, untreated.....	s. ton	8,936	461,654
Rigid, insulating.....	—	59,971	4,756,374
Silicated.....	—	—	*
Wallboard and building board, not elsewhere specified.....	—	—	3,700,485
White vat lined.....	s. ton	7,822	450,575
Wholly from waste paper, plain.....	—	33,522	1,702,080
Wholly from waste paper, coloured.....	—	3,555	261,926
Wholly from wood pulp (plain and coloured).....	—	45,697	2,859,030
Wholly from wood pulp (coloured).....	—	11,356	755,347
All other board and paper, not specified.....	—	—	1,514,564
Parachutes, and parachute equipment.....	—	—	2,452,164
Paste, adhesive.....	lb.	4,044,043	230,763
Paste, fish, meat and chicken.....	—	1,863,440	664,079
Paste, flavouring.....	—	9,045	17,838
Paste, tooth.....	—	—	2,549,059
Patterns and models, foundry and other.....	—	—	487,721
Patterns, paper.....	—	—	623,323
Patterns, rug.....	—	—	*
Patterns, shoe.....	no.	202,506	75,486
Patterns, wood, not specified.....	—	—	595,553
Peanut butter.....	lb.	15,528,962	1,911,547
Peanuts, roasted and salted (for sale).....	—	10,149,044	1,623,791
Peas, split.....	—	1,606,218	88,604
Peavies, cant hooks and pike poles.....	—	—	223,058
Pectin (powder).....	—	—	41,145
Pencils, ordinary lead.....	doz.	3,559,650	789,383
Pencils, adjustable lead.....	—	455,025	485,514
Pencils, other, not specified.....	—	—	45,936
Pennants.....	—	—	32,118
Pens, fountain.....	no.	1,215,927	1,318,969
Pen parts, pen holders and nibs.....	—	—	153,747
Perchloroethylene.....	—	—	*
Perfumes.....	—	—	823,402
Periodicals, printed by publishers—			
Newspapers, daily—			
Gross revenue from advertising.....	—	—	26,911,524
Subscriptions and sales.....	—	—	15,146,396
Newspapers, weekly and other—			
Gross revenue from advertising.....	—	—	5,564,579
Subscriptions and sales.....	—	—	4,195,885
Magazines and other bound periodicals—			
Gross revenue from advertising.....	—	—	3,687,820
Subscriptions and sales.....	—	—	1,663,848
Phenol.....	—	—	*
Phonographs.....	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1941—Con.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Phonograph records.....	—	—	*
Phosphorus.....	—	—	*
Photo-engraving.....	—	—	3,142,248
Photographic materials, not elsewhere specified (including photo paper).....	—	—	1,204,797
Photography (commercial).....	—	—	238,274
Pianos—			
Grand.....	no.	143	65,852
Upright.....	—	3,339	611,751
Piano strings.....	—	—	*
Pickets.....	M	11,926	214,543
Pickles, relishes and sauces.....	gal.	2,660,853	3,557,623
Picture and mirror frames.....	—	—	684,868
Pies, cakes and pastry.....	—	—	30,888,547
Piling, sheet.....	—	—	—
Piling, wood.....	M. L. ft.	471	42,819
Pillow cases, bureau runners, scarves, etc.....	—	—	795,212
Pillows and cushions (see also "cushions").....	no.	598,142	710,293
Pins, plain and hair pins.....	—	—	*
Pipe and fittings, brass, bronze and copper.....	—	—	140,319
Pipe fittings, cast iron, soil.....	short ton	25,932	1,929,884
Pipe and fittings, cast iron, other.....	—	—	4,582,895
Pipe, block tin.....	—	—	*
Pipe, lead.....	lb.	4,443,440	477,017
Pipe-and fittings, malleable iron.....	short ton	7,822	2,703,181
Pipe, sewer, clay.....	—	—	1,700,794
Pipe, sewer and culvert, cement.....	—	—	781,661
Pipe, culvert, galvanized, sheet.....	—	—	888,846
Pipe, steel riveted, and welded.....	—	—	39,493
Pipe and fittings, steel, n.e.s.....	—	—	17,326,538
Pipe and tubing, copper.....	—	—	*
Pipe, mining, etc.....	—	—	*
Pipes, wooden.....	—	—	*
Pipes, wrought iron, and fittings.....	short ton	2,734	612,056
Pipes, tobacco.....	doz.	31,134	76,189
Pipe mouth pieces.....	—	—	*
Pipe (tobacco) cleaners.....	—	—	*
Piston rings, automobile.....	no.	14,346,104	1,066,581
Pistons, automobile and piston pins.....	—	—	846,723
Pitch.....	—	—	*
Planers, metal working.....	—	—	1,046,456
Planing, custom.....	—	—	57,569
Planters, corn.....	no.	1,750	20,482
Planters, potato.....	"	189	*
Plaques, wood.....	—	—	—
Plastics, moulded (see "Synthetics").....	—	—	4,528,751
Plate and tank work, steel, miscellaneous.....	—	—	13,698,765
Plates, sheets and strips, brass, copper, etc.....	—	—	13,161,884
Plates and flats, iron and steel.....	—	—	245,561
Plates, license, name, etc.....	—	—	139,041
Plates and spoons, paper.....	—	—	236,587
Plating blanks, nickel silver.....	—	—	67,455
Platinum, refined, and other platinum products.....	—	—	3,007,636
Ploughs and parts.....	—	—	1,126,366
Ploughs, snow.....	—	—	99,726
Plugs, wooden.....	—	—	3,938,142
Plumbers' supplies, not elsewhere specified (brass, copper, etc.)..	—	—	380,055
Plumbers' supplies, rubber.....	—	—	7,729,667
Plywood.....	M sq. ft.	172,888	82,465
Poison, gopher and rat.....	—	—	141,445
Poles, wooden.....	—	—	259,282
Polish, furniture.....	—	—	153,057
Polish, metal.....	—	—	834,298
Polish, shoe.....	—	—	77,123
Polish, stove.....	—	—	2,668,789
Polishes and waxes, floor.....	—	—	111,533
Polishes and dressings, automobile.....	—	—	31,578
Polishes and dressings, leather.....	—	—	85,456
Polishes and dressings, not specified.....	—	—	39,362
Polishers, floor, electric, and other.....	—	—	524,081
Popcorn.....	lb.	2,040,680	221,138
Post-cards, printed.....	—	—	49,980
Posts, wooden.....	no.	387,303	—

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1941—Con.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Posts, steel.....	—	—	—
Potassium chlorate.....	—	—	199,192
Potato chips (factory made).....	—	—	*
Pot scourers.....	lb.	980,301	301,293
Pottery, glazed and unglazed.....	—	—	127,242
Pottery from imported clay.....	—	—	502,212
Poultry, canned (see "Meats canned").....	—	—	55,518
Poultry, sold fresh.....	—	—	—
Powder, baking.....	lb.	16,847,519	4,358,992
Powder, buttermilk.....	"	10,690,574	1,791,672
Powder, cream.....	"	4,797,499	338,450
Powder, custard.....	"	15,840	8,059
Powder, egg.....	"	631,078	120,157
Powder, ice cream.....	"	708,556	596,885
Powder, jelly.....	"	497,292	160,196
Powder, milk, all kinds.....	"	10,176,149	2,200,326
Powder, malted milk.....	—	8,599,321	2,444,721
Powder, protein.....	—	—	*
Powder, pudding.....	—	—	*
Powder, skim milk.....	lb.	3,599,258	819,809
Powders, edible, not specified.....	"	26,644,798	2,339,466
Powder, bronze and aluminum.....	"	732,606	205,701
Powder paste.....	—	—	*
Powder, sachet.....	—	—	*
Powder, talcum and face.....	—	—	21,148
Press cloths.....	—	—	1,917,221
Presses, tennis and badminton racquet.....	—	—	18,112
Presses, hydraulic, and other power.....	no.	20,261	8,310
Printing—	—	—	1,865,448
Circular letters.....	—	—	—
General, for trade.....	—	—	441,938
Custom printing (paper supplied by customer).....	—	—	174,982
Private and personal.....	—	—	641,589
Bank notes.....	—	—	650,716
Blue prints and photostats.....	—	—	1,084,101
Box cover, paper, coloured.....	—	—	621,388
Newspapers, magazines and other periodicals printed for publishers.....	—	—	19,898
Railway time tables and tariffs.....	—	—	5,892,757
Other printed matter; menus, statements, programs, etc.....	—	—	335,045
Printing and painting on textile fabrics.....	—	—	2,215,135
Propellers and shafts.....	—	—	571,976
Publications, subscriptions, and sales of (see "Printing").....	—	—	*
Puddings.....	—	—	—
Puffs, powder.....	—	—	91,827
Pulleys, wood.....	—	—	307,954
Pulpers and slicers.....	—	—	53,115
Pulp, fruit (see "Fruit pulp").....	no.	530	10,635
Pulpstones, artificial.....	—	—	*
Pulpwood.....	—	—	—
Pulp, wood—	cord	553,701	5,609,752
Ground wood—	—	—	—
Quantity made.....	short ton	3,494,922	—
Quantity sold.....	"	290,790	9,080,330
Soda fibre.....	—	—	*
Sulphate fibre—	—	—	—
Quantity made.....	short ton	426,743	—
Quantity sold.....	"	211,287	13,764,572
Sulphite fibre, bleached—	—	—	—
Quantity made.....	"	590,812	—
Quantity sold.....	"	540,312	40,528,224
Sulphite fibre, unbleached—	—	—	—
Quantity made.....	"	1,073,704	—
Quantity sold.....	"	466,123	26,194,917
Screenings—	—	—	—
Quantity made.....	"	103,633	—
Quantity sold.....	"	47,770	615,998
Pulverizers.....	no.	169	9,997
Pumps, centrifugal.....	—	—	1,366,084
Pumps, hand.....	—	—	292,662
Pumps, steam.....	—	—	616,436
Pumps, other power.....	—	—	558,022
Pumps, pumping system for country homes.....	—	—	500,900

NOTE.—The asterisk (*) indicates that the commodity was reported only by one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1941—Con.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Pumps, gasoline handling.....	—	—	289,150
Pumps, not specified, and pump parts.....	—	—	296,305
Punching machines.....	—	—	*
Purses, pocket-books and folders.....	—	—	946,610
Putty and fillers, n.e.s.....	lb.	9,989,732	430,386
Pyjamas—			
Cotton and flannelette.....	doz.	275,207	2,960,320
Silk, artificial silk and other, not specified.....	—	40,916	580,909
Pyrometers.....	—	—	*
Quilted goods.....	—	—	146,214
Racquets, badminton and squash.....	no.	15,064	51,247
Racquets, tennis.....	"	34,318	133,560
Radiators, automobile.....	—	—	2,267,110
Radiators, heating, concealed type.....	sq. ft.	1,942,698	714,445
Radiators, heating, direct type.....	"	5,962,025	1,772,357
Radio sets, tubes and accessories.....	—	—	16,481,512
Radio cabinets and tables.....	no.	112,696	900,777
Rail anchors.....	—	—	372,737
Rail fastening, angle splice bars, and tie plates (sold).....	long ton	41,331	2,339,527
Rails, O.H. steel—	"	137,298	—
Quantity made.....	"	131,128	5,575,492
Quantity sold.....	—	—	1,086,769
Railway frogs, switches and other track equipment.....	—	—	839,210
Railway car and coach fittings, bearings, etc.....	—	—	71,552
Rakes, hand.....	—	—	2,178,004
Razor blades.....	—	—	350,197
Razors, safety, electric and other parts.....	—	—	*
Recorders, time.....	—	—	112,311
Rectifiers for storage battery charging, and parts.....	—	—	65,332
Reels, wire rope.....	—	—	—
Refractories—	ton	46,787	1,572,640
Cement, high temperature.....	—	—	374,394
Firebrick from domestic clay.....	—	—	29,000
Firebrick from imported clay.....	—	—	554,138
Other.....	—	—	—
Refrigerators—	no.	72,920	9,463,165
Electric.....	—	—	900,410
Electric, condensing units.....	—	—	1,369,584
Other.....	—	—	162,271
Refrigerator parts.....	—	—	143,970
Regalia, all kinds.....	—	—	*
Registers, cash.....	—	—	448,083
Registers and grills, air.....	—	—	*
Regulators, not specified.....	—	—	855,306
Remedies, stock and poultry.....	—	—	*
Rennet extract.....	lb.	881,895	396,508
Repair gums and fabrics.....	no.	790,988	99,350
Repair kits.....	"	3,676,151	249,524
Repair patches, tire and tube.....	—	—	*
Ribbons.....	ton	19,462	1,703,148
Rice, cleaned, etc.....	—	—	*
Rifles and shot guns.....	—	—	*
Rings, fruit jar, rubber.....	—	—	*
Rings, fruit jar, zinc.....	—	—	7,701
Robes, carriage and automobile.....	—	—	1,185,324
Rockwool.....	lb.	177,008,475	24,247,748
Rods and bars, bronze, brass, copper, etc.....	—	—	—
Rods, iron and steel, wire—	s. ton	293,476	—
Quantity made.....	"	121,422	5,214,493
Quantity sold.....	lb.	266,202	145,512
Roll covering, rubber.....	no.	2,120	54,555
Rollers, land and land packers.....	lb.	270,700	296,884
Rollers, printers.....	no.	197,595	351,828
Rolls, rubber covered.....	—	—	420,431
Roofing preparations, not elsewhere specified.....	—	—	—
Rope—	lb.	12,229,055	2,048,449
Manilla.....	"	1,591,214	244,085
Sisal.....	"	1,137,731	351,195
Cotton, jute, and hemp.....	"	133,060	62,790
All other.....	—	—	*
Rubber, reclaimed.....	—	—	—

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1941—Con.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Rubber and rubber goods, hard.....	—	—	363,396
Rubber goods, mechanical.....	—	—	475,449
Rubber goods, moulded.....	—	—	1,515,320
Rubber goods, sanitary.....	lb.	3,770,484	125,467
Rubber goods, soft and sponge.....	—	—	1,463,653
Rubber goods, not specified.....	lb.	2,680,700	504,565
Rubber thread.....	—	—	823,346
Rugs, automobile.....	lb.	741,853	192,458
Rules, wooden.....	no.	57,008	153,153
Ruling (printing plants).....	—	—	259,366
Rust preventives and removers.....	—	—	110,813
Saddles.....	—	—	—
Saddle parts.....	no.	1,095	24,258
Safes, vaults and fittings.....	—	—	7,571
Sails, all kinds.....	—	—	684,414
Salt.....	—	—	43,090
Salt, curing.....	—	—	3,196,165
Sanders (wood-working).....	lb.	991,345	98,652
Sandwich relish and spread.....	no.	21	13,522
Sanitary ware.....	lb.	2,303,512	667,623
Sash, doors and millwork.....	—	—	4,292,075
Sash, steel, brass, etc.....	—	—	19,943,854
Sashweights.....	—	—	1,902,040
Sauces, catsups and relishes (see "Tomato catsup and pickles, sauces, etc.).	—	—	*
Sauerkraut—			
Canned.....	lb.	3,461,833	178,183
Other.....	—	345,406	9,628
Sausage casings.....	—	—	2,010,910
Sausage, fresh or cured.....	—	—	13,200,786
Sawdust sold.....	lb.	84,675,624	840,619
Saws, all kinds.....	—	—	2,630,032
Saw parts and saw outfits.....	—	—	443,133
Scales.....	—	—	1,317,672
Scarves.....	—	—	1,392,332
School supplies, not specified.....	doz.	205,763	8,358,141
Scientific equipment, not specified.....	—	—	36,223
Scrap, aluminum.....	lb.	216,001	750,547
Scrap, metal, other.....	—	8,466,617	1,291,523
Scrap, iron and steel.....	ton	134,640	150,692
Scrap, not specified.....	—	—	282,807
Screenings, barley, etc.....	—	—	205,261
Screens, door and window.....	—	—	147,420
Screens, industrial.....	—	—	7,633,914
Screws and screw machine products.....	—	—	82,037
Scuffers.....	no.	11,726	*
Scythes.....	—	—	21,089
Seals, corporation and other.....	—	—	536,215
Searchlights, projectors, etc., n.e.s.....	—	—	117,248
Seasoning, dry and liquid.....	—	—	1,472,530
Shades, window, shade cloth, and fittings—			
Ordinary shades and blinds.....	—	—	972,097
Venetian blinds.....	—	—	139,761
Shade cloth.....	yd.	403,321	417,107
Rollers, etc.....	—	—	176,527
Shanks, shoe.....	—	—	29,030
Shapers and jointers, wood-working.....	no.	46	184,574
Shapers, metal-working.....	—	76	*
Sharpeners, pencil.....	—	—	191,757
Sharpening stones and files.....	—	—	34,056
Shawls.....	—	—	13,087,270
Sheet forms, commercial, etc., printed.....	—	—	5,316,004
Sheets and sheeting, cotton.....	—	—	19,791
Sheets, rubber.....	doz.	938	115,952
Sheets, crib, rubber.....	—	44,411	93,893
Sheeting, rubber, all kinds.....	yd.	169,900	818,864
Sheet iron ware, not elsewhere specified.....	—	—	970,519
Sheet metal building materials, not elsewhere specified.....	—	—	*
Sheet metal freight car roofs.....	—	—	300,373
Sheet metal products, not elsewhere specified.....	—	—	*
Sheets, aluminum.....	—	—	2,048,494
Sheets, corrugated iron.....	—	—	—

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1941—Con.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Sheets, iron and steel.....	—	—	7,908,922
Sheets, galvanized.....	—	—	6,340,975
Sheets, tin mill, black plate.....	—	—	*
Shields, dress.....	doz.	276,064	171,879
Shims, railroad and other.....	—	—	145,234
Shingle bands.....	—	—	47,234
Shingles, wooden.....	—	—	12,340,210
Shingles, asbestos.....	—	—	*
Shipbuilding and repairs.....	—	—	123,179,592
Shirts, fine—			
Cotton.....	doz.	820,763	10,147,752
Silk and artificial silk.....	“	6,100	97,572
Dress shirts.....	“	7,632	108,684
Shirts, work—			
Cotton.....	“	514,228	4,695,442
Wool.....	“	36,773	816,427
“.....	“	19,889	151,893
Shirts, not specified.....	—	—	*
Shirts and blouses, for boys (see “blouses, etc.”).	—	—	*
Shock absorbers, automobile.....	lb.	10,008,697	1,850,270
Shoddy, mungo and wool extract.....	—	—	95,578
Shoe uppers and tops.....	—	—	9,741,118
Shoos, box.....	—	—	*
Shortening—			
Containing animal fat.....	lb.	17,516,563	2,146,853
Containing no animal fat.....	“	86,373,146	9,251,283
Shortening substitute.....	—	—	*
Shorts and middlings.....	ton	395,104	8,983,009
Shovels, hand.....	—	—	29,804
Shuttlecocks, badminton.....	—	—	*
Signs, electric.....	—	—	56,743
Signs, gas, neon and other luminous.....	—	—	1,284,394
Signs, brass and other.....	—	—	1,903,899
Silicon carbide.....	—	—	*
Silico manganese, silico spiegel, spiegelisen, etc. (see “Ferro-alloys”).	—	—	*
Silk fabrics—			
All silk.....	yd.	1,140,901	873,890
Silk mixtures.....	“	406,272	203,276
Artificial silk, continuous filament.....	“	72,509,371	28,398,442
Artificial silk and cotton mixtures, continuous filament.....	“	3,084,403	2,360,702
Spun rayon.....	“	15,167,505	4,997,557
Other.....	“	239,358	172,210
Silk and artificial silk knitted goods, n.e.s.....	—	—	422,415
Silver alloys.....	—	—	75,902
Silver, fine.....	—	—	677,663
Silver, sterling, melted, rolled, etc.....	—	—	*
Silver nitrate.....	—	—	368,406
Size.....	pr.	777,608	604,656
Skates.....	—	—	23,959
Skewers.....	pr.	115,845	290,564
Skis.....	—	—	228,412
Ski poles and fittings.....	no.	666,233	1,668,318
Skins, calf.....	“	677,169	1,085,655
Skins, sheep.....	“	1,200,482	623,231
Skins, pickled.....	—	—	1,631,635
Skins, raw and dressed.....	—	—	*
Skips and cages, mining.....	—	—	*
Skirts—			
Artificial silk.....	no.	439,671	868,535
Woollen.....	“	789,233	1,418,993
Other.....	“	143,020	248,301
Slabs and edgings.....	cord	652,868	1,349,256
Sleighs.....	—	—	274,189
Sleighs, children's.....	—	—	121,514
Slicers, meat and bread.....	—	—	556,534
Slippers, cloth, carpet, etc.—			
Babies'.....	pr.	71,448	31,300
Boys'.....	“	95,147	61,866
Misses' and children's.....	“	577,758	279,550
Men's.....	“	471,208	499,817
Women's.....	“	2,673,878	1,916,244
Not specified.....	—	—	2,585
Slotters.....	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported only by one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1941—Con.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Smelter and refinery products.....	—	—	379,322,270
Smocks, women's.....	doz.	16,281	131,018
Smoke breeching.....	—	—	13,788
Smokers' sets.....	—	—	160,736
Smokestacks, steel.....	—	—	65,488
Snaths, scythe.....	—	—	*
Snowshoes.....	—	—	17,710
Soap—	—	—	—
Household and laundry soap and chips.....	lb.	119,161,695	7,980,104
Liquid.....	—	—	220,081
Polishing or scouring.....	lb.	379,687	18,813
Powder.....	"	54,474,886	4,860,427
Soft.....	"	2,291,857	146,474
Textile and mill.....	"	5,229,898	493,702
Toilet.....	"	6,966,618	5,365,312
Shaving, including shaving creams.....	"	1,298,789	1,110,007
Hard soap, all other.....	"	2,884,656	237,953
Soap, not specified.....	—	—	397,046
Sodium bisulphate (nitre cake).....	—	—	*
Sodium carbonate.....	—	—	*
Sodium chlorate.....	—	—	*
Sodium hydroxide.....	—	—	*
Sodium hypochlorite.....	—	—	*
Sodium metasilicate.....	—	—	*
Sodium phosphate, di-sodium and tri-sodium.....	—	—	*
Sodium pyrophosphate.....	—	—	*
Sodium silicate.....	—	—	*
Sodium sulphate.....	—	—	*
Solder.....	lb.	8,781,469	2,491,849
Soling, rubber—	—	—	—
Rubber and composition soles.....	pr.	1,833,758	529,659
Rubber and composition half-soles.....	—	746,727	116,736
Soling and slabs for heels.....	lb.	1,358,561	529,836
Soles, leather, and heel lifts, not elsewhere specified.....	—	—	386,939
Soles, felt, and other (insoles).....	—	—	140,117
Soup, canned.....	lb.	94,019,665	10,207,193
Spades and shovels.....	no.	1,211,016	813,208
Spark plugs.....	"	8,433,181	2,110,673
Spice compound.....	lb.	137,000	17,981
Spices, mixed, whole or ground.....	lb.	5,896,721	1,392,000
Spikes, railway.....	—	—	894,766
Spikes, other.....	—	—	54,850
Spinning wheels.....	no.	1,062	7,055
Spirits produced during the year but placed in bond for maturing—	—	—	—
Whiskey, rye type.....	pr. gal.	5,846,627	3,511,972
Whiskey, other types.....	—	873,952	300,439
Gin and other spirits.....	"	953,726	407,274
Spirits matured, sold (incl. purchases from other firms)—	—	—	—
Whiskey, scotch type.....	"	311,355	1,773,439
Whiskey, rye type.....	"	3,713,027	12,827,733
Whiskey, other types.....	"	1,045,618	1,738,900
Gin.....	"	786,188	3,041,775
Other spirits.....	"	369,177	507,366
Spools, bobbins and shuttles.....	—	—	958,261
Spoolwood.....	—	—	921,062
Sport gloves and mitts.....	—	—	85,561
Sporting goods, not specified.....	—	—	269,857
Sprayers, hand.....	no.	903	31,561
Sprayers, power.....	"	100	33,053
Springs, automobile.....	—	—	4,111,063
Springs, bed, box.....	no.	12,745	137,941
Springs, bed, woven wire.....	"	109,066	475,725
Springs, bed, other.....	"	366,102	1,916,847
Springs, upholstering.....	—	—	1,760,330
Springs for cars and locomotives.....	lb.	7,410,230	481,454
Springs, steel wire.....	—	—	2,613,580
Springs, other not specified.....	—	—	37,355
Stains.....	imp. gal.	366,181	639,055
Stampings, automobile.....	—	—	423,690
Stampings, metal, not elsewhere specified.....	—	—	6,419,724
Stamps, rubber.....	—	—	356,968
Stamps and dies, not specified.....	—	—	271,036
Stamps, postage, revenue, etc.....	—	—	635,160

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1941—Con.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Staples, wire.....	keg	41,730	190,777
Starch, corn, edible.....	—	—	*
Starch, corn, laundry.....	—	—	*
Starch compound.....	—	—	*
Starch, potato.....	ton	3,081	311,280
Stationery goods, not specified.....	—	—	283,694
Statues and art goods.....	—	—	306,902
Staves, barrel.....	M	43,295	557,742
Steam traps, etc.....	—	—	228,403
Stearine.....	lb.	3,017,031	176,877
Steel shapes erected—			
Bridges.....	ton	3,419	527,073
Buildings.....	—	103,675	15,445,220
Transmission towers.....	—	—	*
Steel shapes, structural, incl. angles, beams, etc.....	—	—	—
Quantity made.....	ton	189,783	—
Quantity sold.....	—	193,251	9,600,490
Steel shapes, structural, plain material, unfabricated.....	—	66,249	5,596,748
Steel shapes, structural, not specified.....	—	—	5,762,375
Steel miscellaneous.....	—	—	2,080,134
Steel wool.....	—	—	*
Stellite.....	—	—	*
Stencils.....	—	—	35,234
Stockinette.....	lb.	1,838,326	1,084,850
Stocking dryers.....	—	—	22,325
Stokers, mechanical.....	—	—	2,252,154
Stoker parts.....	—	—	378,010
Stone, artificial.....	—	—	148,413
Stools, benches and cabinets.....	—	—	9,894
Store fixtures, not specified.....	—	—	60,511
Stove and furnace pipe.....	—	—	872,373
Stoves—			
Coal and wood.....	no.	242,961	7,563,253
Electrical and combination coal and electric.....	—	55,353	3,401,216
Gas and combination coal and gas.....	—	42,711	2,427,831
Gasoline and oil.....	—	67,445	345,131
Plates, stoves for coffee makers, stove parts, etc.....	—	—	1,172,048
Straps, leather.....	doz.	720,911	322,560
Straws, soda.....	M	577,872	157,796
Strings, racquet.....	—	—	—
Sugar butter.....	lb.	1,689,827	171,351
Sugar, granulated—			
Beet.....	—	211,625,646	—
Cane.....	—	836,125,171	52,216,773
Sugar, brown or yellow.....	—	132,674,842	5,894,980
Sugar, fruit.....	—	3,632,471	217,191
Sugar, grape.....	—	—	*
Sugar, invert.....	lb.	7,453,605	479,760
Sugar, loaf.....	—	6,192,308	415,329
Sugar, maple.....	—	3,277,802	602,066
Sugar, of milk.....	—	265,853	41,219
Sugar, pulverized or icing.....	—	36,199,630	2,012,312
Suits—			
Boys' woollen.....	no.	406,004	2,677,673
Men's, woollen.....	—	1,409,125	24,908,594
Other, men's and boys'.....	—	20,072	184,258
Women's and misses—			
Silk and artificial silk.....	—	244,296	668,718
Woollen.....	—	185,094	2,021,947
Other not specified.....	—	108,362	446,661
Knitted, women's and children's.....	doz.	13,564	327,846
Sulphur.....	—	—	—
Sulphur di chloride.....	—	—	*
Sulphur dioxide, liquid.....	—	—	*
Superheaters and equipment.....	—	—	965,363
Superphosphate.....	ton	123,452	2,001,308
Surficers, wood-working.....	no.	51	71,930
Surgical and orthopaedic appliances and surgical dressings—			
Surgical bandages and dressings.....	—	—	1,074,882
Surgical belts.....	—	—	192,539
Surgical stockings, elastic.....	—	—	101,876
Orthopaedic corsets.....	—	—	237,527
Artificial limbs, crutches and parts.....	—	—	99,090

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1941—Con.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Surgical and orthopaedic appliances and surgical dressings— <i>Conc.</i>			
Foot ezers, arch supports, etc.	—	—	75,782
Trusses	—	—	152,520
Other surgical supports	—	—	147,582
Surgical and orthopaedic appliances, not specified	—	—	123,080
Suspenders, supporters, and garters	—	—	1,640,790
Swathers	—	—	*
Sweaters, jackets, etc.	—	—	9,677,154
Sweeping compounds	—	—	87,770
Swings, baby and other	—	—	16,690
Switch gear and protective equipment (except telephone switch-boards)	—	—	7,742,203
Synthetic and moulded plastics	—	—	5,196,177
Syringes, fountain, and attachments	—	—	87,673
Syrup, corn	—	—	*
Syrup and fruit juices, fountain	gal.	842,347	1,551,491
Syrup, maple (factory made)	lb.	3,111,736	472,098
Syrups, table	gal.	134,166	145,962
Syrups from cane (not including molasses)	lb.	5,748,097	183,555
Table cloths and napkins	—	—	*
Tacks, cut and wire	—	—	609,334
Tags and labels, shipping	—	—	7,039,179
Tags and tickets, printed	—	—	584,848
Tailors' supplies, n.e.s.	—	—	1,477,924
Tallow	lb.	49,693,743	2,705,352
Tankage, animal	lb.	43,341,468	744,731
Tanks, steel storage, black and galvanized	—	—	1,951,282
Tanks, pressure, other	—	—	5,489,973
Tanks, steel, pneumatic	—	—	153,970
Tanks, steel, septic	—	—	52,404
Tanks, truck	—	—	838,740
Tanks, other, not specified	—	—	912,419
Tape, rubber and friction	lb.	1,949,537	656,861
Tape, paper, gummed	—	—	1,226,475
Tape, adhesive	—	—	120,056
Tape, telegraph	—	—	*
Tapes, fabric	—	—	867,547
Tapes, measuring	—	—	97,399
Tape-tries	yd.	2,446,299	1,444,083
Tapioca, granulated	—	—	*
Tar, coal and crude	imp. gal.	33,375,297	1,902,394
Tar, refined and other	gal.	6,766,458	748,917
Tar from petroleum refineries	—	—	*
Targets, clay	—	—	*
Tea, blended, etc.	lb.	36,083,202	24,540,691
Telephone material, not elsewhere specified	—	—	9,634,282
Tenoners and mortisers, wood-working	—	—	15,347
Tents	no.	22,003	803,733
Thermit	—	—	*
Thermometers, all kinds	—	—	*
Thickeners, mining and metallurgical	—	—	25,637
Thinners, pyroxylin	gal.	1,101,344	1,118,833
Thread, cotton	—	—	5,632,259
Thread, silk and artificial silk (see "also Yarn and thread")	—	—	*
Threshers and reaper-threshers combined	—	—	3,478,106
Thresher parts	—	—	52,818
Ties, wooden	—	—	2,876,228
Tile, alundum	—	—	*
Tile, asphalt	—	—	72,690
Tile, drain	M	12,319	333,364
Tile, floor (from domestic clay)	—	—	21,349
Tile, floor and wall (from imported clay)	—	—	*
Tile, roofing, and hollow blocks	—	—	1,663,976
Tile, gypsum	—	—	18,604
Tiling and sheet flooring, rubber	lb.	185,584	71,682
Timbers, mine	—	—	1,267,143
Tinned plate and scrap	—	—	13,922,781
Tinsel, garlands and ribbons	—	—	*
Tinware, japanned or not	—	—	961,155
Tire fabrics	lb.	28,954,032	9,393,855

NOTE.—The asterisk (*) indicates that the commodity was reported only by one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1941—Con.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Tires and tubes—			
Balloon, casings.....	no.	2,968,856	52,228.881
High-pressure, casings.....	"	87,218	1,666.756
High pressure and balloon inner tubes.....	"	2,978,631	6,222.725
Aeroplane tubes.....	"	57,744	279.547
Bicycle tubes.....	"	558,635	192.401
Aeroplane tires.....	"	48,939	1,027.037
Motorcycle tires.....	"	13,155	76.611
Bicycle tires.....	"	616,233	443,558
Automotive vehicle solids.....	—	—	*
Horse-drawn vehicle.....	no.	1,190	4,901
Industrial.....	"	9,334	33,450
Tires and tiring, baby car and toy.....	lb.	907,842	104.076
Tires, implement and tractor, pneumatic.....	no.	84,161	1,823.305
Tires rebuilt.....	"	24,960	56,476
Tires, railway car.....	—	—	*
Tire braids, auto.....	—	—	*
Tissues, cleansing.....	—	—	2,372.109
Toasters, electric.....	no.	196,030	404.047
Tobacco—			
Chewing, cut and twist.....	lb.	243,010	236,826
Chewing, plug.....	"	2,208,728	2,159.496
Smoking, leaf.....	"	418,242	108.471
Smoking, cut.....	"	25,013,293	28,475.532
Smoking, plug.....	"	587,483	667.042
Smoking, twist.....	—	—	*
Snuff.....	lb.	895,802	1,313.446
Stems and cuttings.....	—	—	*
Tobacco, raw, leaf, processed.....	lb.	57,459,528	14,355.988
Tobacco pouches.....	—	—	93.330
Toboggans.....	no.	17,079	50,590
Toilet preparations, not elsewhere specified—			
Brilliantine, oily and liquid.....	—	—	155.716
Compacts and lipsticks.....	—	—	682.442
Creams, solid or liquid, all kinds.....	—	—	1,694.105
Toilet water and lotions.....	—	—	1,748.295
All other.....	—	—	2,266.841
Toiletware, celluloid.....	—	—	229.538
Toiletware, silver.....	—	—	332.372
Tomato catsup, canned.....	lb.	9,419,223	900.847
Tomato catsup, other.....	"	15,629,936	2,637.522
Tomato juice.....	"	79,812,562	4,033.675
Tomato paste and purée.....	"	11,687,707	578.939
Tomato pulp.....	"	8,201,246	244.269
Tools, carpenters' and mechanics' other than files.....	—	—	1,183.056
Tools, machine.....	—	—	4,796.993
Tools not elsewhere specified.....	—	—	9,672.965
Toothpicks.....	—	—	*
Toppings, for ice cream.....	—	—	111.998
Tow, green.....	ton	4,446	704.458
Towels and towelling—			
Bath mats.....	doz.	2,837	20.985
Towelling.....	yd.	4,241,771	626.474
Towels, all kinds.....	doz.	1,672,355	3,438.776
Face cloths.....	"	755,706	304.783
Towels, sanitary, all kinds.....	—	—	2,492.953
Toys—			
Model aeroplane kits.....	no.	2,607,928	169.667
Rubber.....	—	—	38.997
Wooden.....	—	—	442.475
Metal.....	—	—	179.513
Toys, stuffed.....	—	—	136.872
Miscellaneous toys, not specified.....	—	—	262.212
Tractors, garden.....	—	—	*
Trade work, n.e.s. (printing plant).....	—	—	1,187.866
Traffic signals and controls.....	—	—	*
Transformers.....	—	—	12,961.315
Transformer parts.....	—	—	105.709
Transmission towers, electric (see "Steel shapes").	—	—	*
Traps and fittings, lead.....	lb.	938,103	172.890
Traps, animal (including mouse and rat).....	—	—	*
Traps, not specified.....	—	—	*
Trays, display, and other.....	—	—	24,425

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1941—Con.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Trichlorethylene.....	—	—	*
Trimmings, not specified.....	—	—	157,838
Troughs.....	—	—	*
Trucks, factory, and other hand trucks.....	—	—	*
Trunks of all kinds.....	—	—	767,349
Tubes, collapsible.....	no.	160,878	916,435
Tubes, vacuum, X-ray tubes, vapour lamps, glow lamps, etc.....	no.	38,759	304,660
Tubing, brass, bronze, and aluminum.....	—	—	2,027,658
Tubing, rubber.....	lb.	376,408	237,699
Tubing, steel.....	—	—	3,363,055
Tubing and twisting, knitted.....	—	—	169,121
Tubs, ice cream.....	—	—	*
Tubs, laundry, cement.....	no.	10,977	106,778
Turbines and water wheels.....	—	—	1,899,649
Turpentine.....	—	—	*
Twine, binder—			
Chiefly sisal.....	lb.	35,388,680	2,837,784
All sisal and other.....	"	36,662,499	3,133,406
Twine and cordage, all kinds.....	"	14,344,580	3,274,676
Type and type metal.....	"	5,377,050	501,694
Typesetting (trade composition).....	—	—	1,172,702
Typewriter ribbons.....	—	—	442,927
Typewriters.....	no.	68,106	3,453,019
Umbrellas.....	doz.	40,210	714,593
Undertakers' supplies, not specified.....	—	—	254,123
Underwear—			
Cotton, combination.....	doz.	471,342	3,590,045
Cotton, separate.....	"	1,262,465	5,121,894
Chiefly cotton, combination.....	"	22,587	257,374
Chiefly cotton, separate.....	"	290,307	1,868,327
Cotton, not specified.....	"	272,371	1,139,246
Merino, combination.....	"	70,663	1,170,592
Merino, separate.....	"	102,535	1,151,633
Chiefly merino.....	"	6,000	25,000
Silk and chiefly silk.....	"	43,940	237,923
Artificial silk, combination.....	"	6,853	79,406
Artificial silk, separate.....	"	470,893	1,787,979
Chiefly artificial silk.....	"	12,726	68,906
Artificial silk, not specified.....	"	665,126	2,392,780
Wool, combination.....	"	28,486	558,607
Wool, separate.....	"	94,831	820,225
Chiefly wool, combination.....	"	25,199	407,546
Chiefly wool, separate.....	"	156,654	1,740,695
Not specified.....	"	4,920	35,251
Underslips—			
Artificial silk.....	"	395,013	2,905,100
Artificial silk and mixtures.....	"	97,722	1,027,929
Cotton.....	"	54,749	211,065
Not specified.....	"	313	1,831
Uniforms, woollen.....	no.	1,100,570	12,494,415
Uniforms, cotton, nurses', maids, etc.....	—	—	907,973
Uniforms, other.....	—	—	1,389,838
Universal carriers.....	—	—	*
Valves, brass and bronze.....	—	—	2,826,426
Valves, iron.....	—	—	2,089,476
Valves, tire.....	—	—	*
Valves, not specified.....	—	—	528,849
Varnishes.....	—	—	5,057,674
Vaults, burial, cement and steel.....	—	—	80,731
Vegetables, canned—			
Asparagus.....	lb.	3,573,765	552,111
Beans, baked.....	"	65,649,902	4,267,193
Beans, green or wax.....	"	20,642,780	1,504,634
Beets.....	"	4,974,449	352,738
Carrots.....	"	1,592,052	96,415
Carrots and peas.....	"	2,764,565	233,931
Corn, cream of.....	"	44,496,041	3,311,289
Corn, on the cob.....	"	699,821	55,235
Mushrooms.....	"	637,947	156,997
Peas.....	"	67,299,084	4,738,452
Pumpkin.....	"	10,940,544	457,610

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1941—Con.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Vegetables, canned— <i>Concluded</i>			
Spinach.....	lb.	2,873,305	194,362
Tomatoes.....	"	135,620,145	6,608,839
Vegetable dinners.....	"	4,870,205	580,956
Vegetables, mixed.....	"	2,592,762	186,214
Vegetables, other.....	"	302,371	34,622
Vegetables, evaporated and dehydrated.....	"	617,586	303,479
Vegetables frozen or cold pack.....	"	1,917,476	235,177
Vegetable juices, canned.....	—	—	52,103
Vehicles, children's.....	—	—	681,184
Veils and veiling.....	—	—	68,924
Velvets.....	—	—	*
Veneer.....	M sq. ft.	185,858	2,750,193
Vests, woollen.....	no.	32,450	45,160
Vests, other, not specified.....	"	2,215	17,623
Vinegar (made for sale)—			
Spirit.....	pr. gal.	3,616,643	1,295,960
Cider.....	"	934,431	277,222
Malt.....	"	310,687	198,176
Visors, cap.....	—	—	*
Waffle irons.....	no.	5,765	22,025
Wagons (see "Carriages and wagons").			
Wall board, gypsum.....	sq. ft.	154,760,145	3,255,618
Wall plaster.....	lb.	160,976,963	1,071,112
Wardrobes, wall board.....	—	—	145,855
War materials (contract work).....	—	—	3,265,475
Washboards.....	no.	282,999	80,329
Washers, leather.....	doz.	3,343,993	210,899
Washers and gaskets, iron, steel, etc.....	—	—	303,294
Washing compounds and powders.....	—	—	203,577
Waste, cotton, wool and jute.....	—	—	2,542,350
Waste, other.....	—	—	139,155
Waste, wood.....	—	—	1,609,438
Watches.....	—	—	1,101,797
Watch cases.....	—	—	454,017
Watch crystals.....	—	—	*
Water, distilled.....	imp. gal.	59,806,863	32,302
Water, aerated.....	—	—	37,156,475
Water, mineral, natural.....	—	—	107,114
Waterproofing of fabrics.....	—	—	35,143
Waterproofing preparations.....	—	—	44,433
Wax and wax compounds, all kinds.....	—	—	643,679
Wax, sealing.....	—	—	—
Weatherstrip.....	—	—	243,292
Weaving, elastic and non-elastic.....	—	—	3,049,229
Weeders.....	no.	1,825	98,759
Weed killer.....	—	—	250,884
Welding apparatus with control equipment and accessories.....	—	—	1,228,516
Welding compounds and fluxes.....	—	—	24,988
Welding rods and welding wires.....	s. ton	7,177	788,714
Welding.....	yd.	7,636,214	314,623
Wheelbarrows and parts.....	—	—	144,681
Wheels, automobile.....	—	—	*
Wheels, railway car.....	—	—	4,399,398
Wheels, not specified.....	—	—	37,916
Whips.....	no.	94,380	19,960
Whiskies (see "Spirits").			
Whisks.....	doz.	60,077	83,865
White, satin.....	—	—	*
Wine, sold during the year.....	gal.	4,188,797	5,492,615
Wine, produced and placed in storage for maturing.....	"	4,840,977	1,768,576
Wine spirits.....	—	—	*
Wiping cloths and rags, washed and sterilized.....	lb.	10,155,426	1,588,714
Wiping cloths and rags, other.....	—	—	237,519
Wire, barbed—			
Quantity made.....	ton	14,105	—
Quantity sold.....	"	17,371	1,270,256
Wire, cold rolled, flat, all sizes—			
Quantity made.....	"	3,185	—
Quantity sold.....	"	2,225	337,530

NOTE.—The asterisk (*) indicates that the commodity was reported only by one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1911—Con.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Wire, galvanized—			
Quantity made.....	ton	53,432	
Quantity sold.....	"	20,590	2,477,825
Wire, coated, not elsewhere specified—			
Quantity made.....	"	7,323	
Quantity sold.....	"	5,348	624,115
Wire, plain—			
Quantity made.....	"	220,285	
Quantity sold.....	"	63,734	5,057,922
Wire, strand, twisted—			
Quantity made.....	"	1,940	
Quantity sold.....	"	1,984	426,515
Wires and cables, electrical.....	—	—	34,827,042
Wire rope and cable, not specified—			
Quantity made.....	ton	13,922	
Quantity sold.....	"	14,591	5,493,578
Wire, gold-filled, and alloys.....	—	—	497,764
Wire cloth, brass and bronze.....	sq.ft.	3,636,893	2,211,741
Wire cloth, iron and steel, including screen cloth.....	—	—	1,384,778
Wire mesh, steel, woven and welded.....	—	—	962,071
Wire netting.....	ton	1,341	368,110
Wire shapes, hangers, shades, etc.....	—	—	334,508
Wire goods, not specified.....	—	—	1,804,803
Wiring devices, not elsewhere specified.....	—	—	4,594,759
Wooden products, not specified.....	—	—	819,768
Wood flour.....	—	—	
Woodenware, kitchen.....	—	—	199,525
Woodenware, not specified.....	—	—	54,148
Wood preservation.....	—	—	*
Wood turning, not specified.....	—	—	
Woodwork, sanitary.....	—	—	408,660
Wool, raw and unmanufactured.....	—	—	262,285
Woollen cloth, woven—			2,693,824
All wool, woollen.....	yd.	10,781,808	15,408,734
All wool, worsted.....	"	4,301,928	7,773,791
Woollen and worsted mixed.....	"	3,050,977	5,967,909
Cotton warp, woollen.....	"	2,203,677	1,986,647
Cotton warp, worsted.....	"	82,692	124,183
Other woollen and mixtures.....	"	2,641,829	3,051,597
Velours, mohair and plushes.....	—	—	*
Woven fabrics, not specified.....	yd.	360,893	282,979
Wrappers, bottle.....	—	—	169,735
Wrappers, paper, not specified.....	—	—	1,475,731
Wringers, clothes.....	no.	79,550	380,534
Yarns—			
Cotton, grey.....	lb.	39,025,866	13,314,207
Cotton, bleached and coloured.....	"	11,652,306	5,566,193
Cotton and wool mixtures.....	"	777,478	531,223
Cotton, other.....	"	2,081,346	884,934
Artificial silk singles.....	"	13,640,972	9,104,310
Silk and artificial silk mixtures.....	—	—	883,937
Spun rayon.....	lb.	868,058	514,085
Woollen, sold to other firms.....	"	2,164,637	1,772,102
Woollen, transferred or sold to other plants of firms reporting.....	"	6,698,928	3,385,381
Woollen not specified.....	"	1,439,809	1,576,184
Worsted, transferred or sold to other plants of firms reporting.....	"	2,241,427	2,547,703
Worsted, sold to other firms.....	"	6,135,614	8,662,034
Worsted, not specified.....	"	774,020	993,077
Not specified.....	—	—	563,829
Yeast, dry.....	lb.	2,422,046	550,514
Yeast, fresh (for sale).....	"	14,231,549	2,845,943
Yeast food, bread improver, etc.....	"	1,506,937	103,792
Yoghourt.....	—	—	*
Zinc, refined.....	—	—	*
Zinc chloride.....	—	—	*
Zinc cyanide.....	—	—	*
Zinc naphthanate.....	—	—	*
Zinc stearate.....	—	—	*
Zinc oxide and zinc dust.....	—	—	1,174,582
Zinc products, not specified.....	—	—	45,179

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1941—Con.

Items.	Unit of Measure.	Quantity.	Value.
			\$
Manufactured food products, packaged only.....	—	—	1,264,342
Amount received by clothing contractors.....	—	—	3,420,259
All other products, not specified—			
Vegetable products group.....	—	—	1,692,907
Animal products group.....	—	—	4,371,896
Textile products group.....	—	—	914,517
Wood and paper products group.....	—	—	4,661,021
Iron and steel products group.....	—	—	53,309,346
Non-ferrous metal products group.....	—	—	11,711,091
Non-metallic mineral products group.....	—	—	4,028,140
Chemicals and chemical products group.....	—	—	5,305,424
Miscellaneous products group.....	—	—	552,372
Custom work and repairs—			
Animal products group.....	—	—	521,439
Textile products group.....	—	—	3,553,892
Wood and paper products group.....	—	—	1,811,404
Iron and steel products group.....	—	—	66,566,555
Non-ferrous metal products group.....	—	—	2,626,989
Non-metallic mineral products group.....	—	—	211,832
Miscellaneous products group.....	—	—	1,463,853
Products which were reported by only one or two firms and for which figures cannot be shown separately.....	—	—	279,578,991
Total value of products listed.....	—	—	6,214,371,639
Deductions due to the adjustment for intermediate products and excise taxes.....	—	—	138,063,515
Total.....			6,076,308,124

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

† Footnote for page 114. Figures do not include fabrics dyed or bleached by firms maintaining a dyeing and finishing department of their own.

CANADA.

LIST OF PUBLICATIONS, CENSUS OF MANUFACTURES; DOMINION BUREAU OF STATISTICS

Manufactures

- (1) General—General Report on the Manufacturing Industries of Canada with appendix giving Alphabetical List of Products; Geographical Distribution of the Manufacturing Industries of Canada; also Reports for the Provinces and Leading Cities; Quantity of Manufacturing Production in Canada, 1923-29. Weekly Earnings of Male and Female Wage-Earners in the Manufacturing Industries of Canada.
- (2) Manufactures of Vegetable Products—Biennial General Report on Manufactures of Vegetable Products. Annual Bulletins as follows: (*a*) Coffee, Tea, Spices and Miscellaneous Foods; (*b*) Fruit and Vegetable Preparations, including Canning, Evaporating and Preserving, and Pickles, Sauces, Vinegar and Cider; (*c*) Flour and Feed Mill Products; (*d*) Bread and other Bakery Products; (*e*) Biscuits and Confectionery, including Cocoa and Chocolate; (*f*) Macaroni Vermicelli, etc.; (*g*) Distilled Liquors; (*h*) Breweries; (*i*) Wine; (*j*) Rubber Goods, including Rubber Boots and Shoes; (*k*) Prepared Breakfast Foods; (*l*) Sugar Refineries; (*m*) Tobacco Products; (*n*) Vegetable Oil Mills; (*o*) Canned Foods; (*p*) Ice Cream; (*q*) Pack of Fruits and Vegetables, preliminary; (*r*) Aerated Waters; (*s*) Stock and Poultry Feeds; (*t*) Stocks of Unmanufactured Tobacco on hand, quarterly report; (*u*) Stocks of Canned Fruits and Vegetables, quarterly report.
- (3) Animal Products and their Manufactures—Annual Reports and Bulletins as follows: (*a*) The Dairy Factory Industry; (*b*) Processed Cheese; (*c*) Fish Processing (contained in annual Fisheries Statistics); (*d*) Slaughtering and Meat Packing and Sausage and Sausage Casings; (*e*) Leather Tanneries; (*f*) Leather Belting, Leather Boot and Shoe Findings and Miscellaneous Leather Goods; (*g*) Leather Boots and Shoes; (*h*) Leather Gloves and Mittens; (*i*) Fur Goods, Fur Dressing. Monthly Bulletin on Leather Footwear Production. Monthly Bulletin on Concentrated Milk Production.
- (4) Textiles and Allied Industries—Biennial General Report on the Textile Industries of Canada. Annual Bulletins as follows: (*a*) Cotton Textiles (cloth, yarn, thread and waste); (*b*) Woollen Textiles (cloth, yarn, waste, carpets and woollen goods, n.e.s.); (*c*) Silk and Artificial Silk; (*d*) Men's Factory Clothing incl. Men's Furnishings; (*e*) Women's Factory Clothing; (*f*) Hats and Caps; (*g*) Hosiery and Knitted Goods; (*h*) Oiled and Waterproofed Clothing; (*i*) Cordage, Rope and Twine; (*j*) Corsets; (*k*) Cotton and Jute Bags; (*l*) Dyeing and Finishing of Textiles; (*m*) Awnings, Tents and Sails.
- (5) Manufactures of Forestry Products—Printed Bilingual Reports: (*a*) The Lumber Industry (biennial); (*b*) The Pulp and Paper Industry (biennial); (*c*) Wood-Using Industries (biennial); (*d*) Paper-Using Industries (biennial). Stencilled annual preliminary reports: (*a*) Lumber; (*b*) Pulp and Paper; (*c*) Wood-Using Industries; (*d*) Planing Mills and Sash and Door Factories; (*e*) Hardwood Flooring; (*f*) Furniture; (*g*) Printing Trades (Comprising the following industries: Printing and Publishing; Printing and Bookbinding; Lithographing; Engraving, Stereotyping and Electrotyping; Trade Composition and Blue Printing); (*h*) Paper Boxes and Bags. Stencilled biennial report: Lumber Distribution in Canada and the United States. Stencilled annual bulletins: (*a*) Boxes and Baskets; (*b*) Carriages, Sleighs and Vehicle Supplies; (*c*) Cooperage; (*d*) Coffins and Caskets; (*e*) Boatbuilding; (*f*) Lasts, Trees and Wooden Shoe findings; (*g*) Wood-turning; (*h*) Woodenware; (*i*) Excelsior; (*j*) Beekeepers' and Poultrymen's Supplies; (*k*) Wooden Refrigerators; (*l*) Miscellaneous Wood-Using Industries; (*m*) Roofing Paper; (*n*) Miscellaneous Paper Goods. Mimeographed Monthly Bulletins: (*a*) Asphalt Roofing Production; (*b*) Asphalt Roofing Sales.

- (6) Iron and Steel and their Products—Biennial Report. Annual Bulletins as follows: Preliminary Summary on the Iron and Steel Industry. (a) Primary Iron and Steel; (b) Iron Castings; (c) Heating and Cooking Apparatus (except boilers and radiators); (d) Boilers, Tanks and Plate work; (e) Farm Implements and Machinery; (f) Machinery; (g) Automobiles*; (h) Automobile Parts; (i) Bicycles; (j) Railway Rolling Stock; (k) Wire and Wire Goods; (l) Sheet Metal Products; (m) Hardware, Tools and Cutlery; (n) Bridge Building and Structural Steel Work; (o) Shipbuilding and Ship Repairs*; (p) Aircraft*; (q) Miscellaneous Iron and Steel Products. Commodity Bulletins on the Production of Pig Iron; Steel; Washing Machines; Cream Separators; Warm Air Furnaces; Galvanized Sheets; Wire Nails; Steel Wire; Wire Fencing; Stoves, etc. Monthly Bulletins; (a) Pig Iron, Steel Ingots and Castings; (b) Steel Ingots; (c) Automobile Statistics*.
- (7) Manufactures of Non-Ferrous Metals—Biennial Report. Annual Bulletins as follows: Preliminary Summary on Manufactures of Non-Ferrous Metals. (a) Aluminium Products; (b) Brass and Copper Products; (c) White Metal Alloys; (d) Jewellery and Silverware; (e) Electrical Apparatus and Supplies; (f) Non-Ferrous Metal Smelting and Refining; (g) Miscellaneous Non-Ferrous Metal Goods. Quarterly Reports on Production and Sales of Radio Sets*, and Sales of Storage Batteries. Commodity Bulletins on the Production of Batteries; Silverware; Vacuum Cleaners; Electric Motors and Generators; Electric Transformers; Incandescent Lamps, etc.
- (8) Manufactures of the Non-Metallic Minerals—Biennial Report. Annual Bulletins as follows: Preliminary Summary on Manufactures of Non-Metallic Minerals. (a) Asbestos Products; (b) Cement and Cement Products; (c) Coke and Gas; (d) Glass (blown, cut and ornamental, etc.); (e) Lime; (f) Petroleum Products; (g) Clay Products; (h) Salt; (i) Sand-lime Brick; (j) Stone; (k) Artificial Abrasives; (l) Gypsum and Gypsum Products; (m) Miscellaneous Non-Metallic Mineral Products, including Carbon Electrodes—Mica Products—Non-Metallic Minerals, n.e.s. Also special report on the consumption of Coke in Canada. Monthly bulletins on (a) Coke Statistics; (b) Sales of Manufactured and Natural Gas.
- (9) Chemicals and Allied Products—Biennial Report. Annual Bulletins as follows: Preliminary Summary on Chemicals and Allied Products; (a) Coal Tar Distillation; (b) Acids, Alkalies and Salts; (c) Compressed Gases; (d) Fertilizers; (e) Medicinal and Pharmaceutical Preparations; (f) Paints, Pigments and Varnishes; (g) Soaps, Cleaning Preparations and Washing Compounds; (h) Toilet Preparations; (i) Inks; (j) Adhesives; (k) Polishes and Dressings; (l) Hard Wood Distillation; (m) Miscellaneous Chemical Products, including Boiler Compounds; Plastic Products; Insecticides; Sweeping Compounds, Disinfectants; Matches; Dyes and Colours; Explosives, ammunition and fireworks; Chemical Products, n.e.s. Special Reports on the Fertilizer Trade in Canada. Commodity Bulletins on Sulphuric Acid, Ammonium Sulphate, etc. Special Report—Directory of Chemical Industries in Canada. Special Report on the Consumption of Chemicals in Municipal Waterworks.
- (10) Miscellaneous Manufactures—General Report. Annual Bulletins as follows: (a) Brooms, Brushes and Mops; (b) Musical Instruments (including pianos, organs and phonographs and Musical Instrument Materials and Parts; (c) Buttons; (d) Bed Springs and Mattresses; (e) Sporting Goods.

*Discontinued for duration.

CANADA—DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS

GENERAL MANUFACTURES BRANCH

ANNUAL REVIEW
**The Manufacturing Industries
of Canada, 1942**

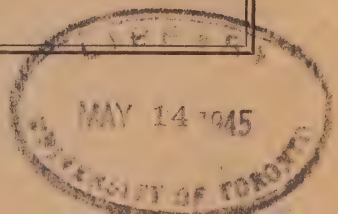
SUMMARY REPORT

Published by authority of the Hon. James A. MacKinnon, M.P.,
Minister of Trade and Commerce



OTTAWA
EDMOND CLOUTIER
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1945

Price 50 cents



CANADA—DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
GENERAL MANUFACTURES BRANCH

The Manufacturing Industries of Canada, 1942

SUMMARY REPORT

Published by authority of the Hon. James A. MacKinnon, M.P.,
Minister of Trade and Commerce



OTTAWA
EDMOND CLOUTIER
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1945

TABLE OF CONTENTS

	PAGE
Part I.—General Analysis of Manufacturing in the Dominion	5
Section 1. <i>Growth of Manufacturing in Canada</i>	7
1. Historical Summary of Statistics of Manufactures for the Dominion, 1870-1942.....	7
2. Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-42.....	9
3. Summary Statistics of Manufactures, by Industrial Groups, Significant Years, 1917-42...	10
4. Summary of Statistics of Manufactures, Significant Years, 1917-42.....	13
5. Consumption of Manufactured Products, 1922-42.....	14
Section 2. <i>Value and Volume of Manufactured Products</i>	14
6. Indexes of the Volume of Manufacturing Production, According to Component Material and Purpose Classifications, Significant Years, 1923-42.....	15
7. Indexes of the Volume of Manufacturing Production for the Groups of the Purpose Classification, Significant Years, 1923-42.....	16
Section 3. <i>Production by Industrial Groups and Individual Industries</i>	16
Subsection 1. Manufactures Grouped by Chief Component Materials.....	16
8. Percentage Variation in Employment, Salaries and Wages, and Gross Value of Products in the Main Industrial Groups Compared for Significant Years, 1929-42.....	17
9. Statistics of the Numbers, Capital, Employees, Salaries and Wages, Power, Fuel, Materials, and Values of Products of Canadian Manufacturing Industries, 1942.....	18
Subsection 2. Manufactures Classified by the Purpose of the Products.....	24
10. Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups, Significant Years, 1922-42, and in Detail for 1942.....	24
Subsection 3. Manufactures Classified by Origin of the Materials.....	26
11. Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Materials Used, by Main Groups, Significant Years, 1924-42.....	27
Subsection 4. Leading Manufacturing Industries.....	29
12. Principal Statistics of the Forty Leading Industries of Canada, Ranked According to the Gross Value of the Products, 1941.....	30
13. Principal Statistics of the Forty Leading Industries of Canada, Ranked According to the Gross Value of the Products, 1942.....	31
Section 4. <i>Principal Factors in Manufacturing Production</i>	32
Subsection 1. Capital Employed.....	32
14. Percentage Distribution of Capital Employed in the Manufacturing Industries of Canada, by Provinces and Industrial Groups, Significant Years, 1917-42.....	32
15. Forms of Capital Employed in the Manufacturing Industries of Canada, by Provinces and Industrial Groups, 1942, with Totals for Significant Years, 1924-41.....	33
Subsection 2. Employment in Manufactures.....	33
16. Salaried Employees and Wage-Earners in the Manufacturing Industries of Canada, with Volume of Manufacturing Production and Comparative Efficiency of Production, 1931-42.....	34
17. Wage-Earners Employed in the Manufacturing Industries of Canada, by Months and Sex, Significant Years, 1922-42.....	35
18. Wage-Earners in Manufacturing Working Specified Numbers of Hours per Week in the Month of Highest Employment, 1933-42.....	36
19. Wage-Earners Working Specified Weekly Hours in the Month of Highest Employment, by Sex, Province and Industrial Group, 1942.....	37
20. Male Wage-Earners in the Forty Leading Industries Working Specified Weekly Hours in the Month of Highest Employment, 1942.....	39
21. Female Wage-Earners in the Forty Leading Industries Working Specified Weekly Hours in the Month of Highest Employment, 1942.....	40
Subsection 3. Salaries and Wages in Canadian Manufacturing Industries.....	41
22. Salaries and Wages Paid in the Manufacturing Industries of Canada, by Provinces and Industrial Groups, 1942, with Totals for Significant Years, 1917-41.....	41
23. Salaries and Wages Paid in the Forty Leading Industries, 1942, with Comparative Figures of Average Salaries and Wages Paid in 1941.....	43
24. Average Annual, Weekly and Hourly Earnings of the Male and Female Wage-Earners, 1934-42.....	44
25. Average Annual, Weekly and Hourly Earnings of Wage-Earners, Classified by Sex, Province and Industrial Group, 1942.....	45
26. The Forty Leading Industries Employing the Greatest Number of Male Wage-Earners, Ranked According to the Average Annual, Weekly and Hourly Earnings, 1942.....	46
27. The Forty Leading Industries Employing the Greatest Number of Female Wage-Earners, Ranked According to the Average Annual, Weekly and Hourly Earnings, 1942.....	47

TABLE OF CONTENTS—Concluded

	PAGE
Part I.—General Analysis of Manufacturing in the Dominion—concluded	
28. Average Yearly Earnings, and Index Numbers of Earnings, Cost of Living and Real Wages of Wage-Earners, in Manufacturing Industries, 1931-42.....	48
29. Percentages of Salaries and Wages Paid to the Total Net Values of Manufacturing Production, 1924-42.....	49
Subsection 4. Size of Manufacturing Establishments.....	49
30. Manufacturing Establishments Grouped According to Gross Values of Products, with Total and Average Values of Products in each Class, for Canada, 1929, 1939, 1941 and 1942.....	50
31. Manufacturing Establishments Classified by Number of Employees, by Provinces, 1942.....	51
32. Establishments and Employees in Canadian Manufactures, Grouped According to the Number of Employees per Establishment, 1929, 1939, 1941 and 1942.....	51
33. Percentage Importance of Establishments, Each Employing 200 or more Persons, in the Twenty-Five Leading Industries, 1942.....	52
34. Principal Statistics of the Twenty-Five Leading Industries, Grouped According to Number of Employees per Establishment, 1942.....	52
Subsection 5. Power and Fuel.....	56
35. Power Equipment Installed in the Manufacturing Industries of Canada, 1931-41, with Details by Provinces and Industrial Groups, 1942.....	57
36. Fuel and Electricity Used in the Manufacturing Industries of Canada, 1931-41 with Details by Provinces and Industrial Groups, 1942.....	59
Part II.—Provincial and Local Distribution of Manufacturing Production	60
1. Summary Statistics of Manufactures in Each Province, Classified by Industrial Groups, 1942.....	60
2. Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Number of Employees per Establishment, 1942.....	63
Section 1. The Manufactures of the Maritime Provinces, 1942.....	65
3. Statistics of the Leading Industries of the Maritime Provinces, 1942.....	65
Section 2. The Manufactures of Quebec, 1942.....	66
4. Statistics of the Leading Industries of the Province of Quebec, 1942.....	67
Section 3. The Manufactures of Ontario, 1942.....	68
5. Statistics of the Leading Industries of the Province of Ontario, 1942.....	68
Section 4. The Manufactures of the Prairie Provinces, 1942.....	69
6. Statistics of the Leading Industries of the Prairie Provinces, 1942.....	70
Section 5. The Manufactures of British Columbia, 1942.....	71
7. Statistics of the Leading Industries of British Columbia, 1942.....	71
Section 6. Manufacturing Industries in Cities and Towns.....	72
8. Cities and Towns with a Gross Manufacturing Production of over \$1,000,000 each, Number of Establishments and Total Gross Production in such Cities and Towns as a Percentage of the Grand Total, by Provinces, 1942.....	72
9. Principal Statistics of the Manufacturing Industries of the Six Leading Manufacturing Cities of Canada, 1933-42.....	73
10. Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1942.....	74
11. Principal Statistics by Counties and Census Divisions, 1942.....	77
Appendix I—	
Principal Statistics of the Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1942.....	82
Appendix II—	
Alphabetical List of Products Manufactured in Canada, 1942.....	93
List of Publications on the Census of Manufactures.....	130

DEPARTMENT OF TRADE AND COMMERCE

Dominion Bureau of Statistics—General Manufactures Branch

OTTAWA, CANADA

Dominion Statistician: S. A. CUDMORE, M.A. (Oxon.), F.S.S., F.R.S.C.

Chief, General Manufactures Branch: A. COHEN, B. Com.

THE MANUFACTURING INDUSTRIES OF CANADA, 1942

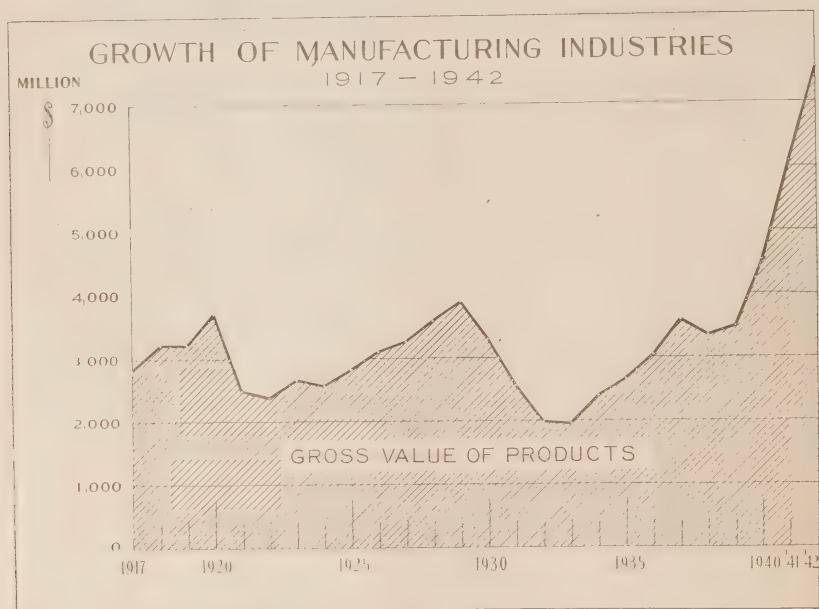
Introduction

This report deals with manufacturing industries in Canada in two main Parts. Part I gives general analyses of manufactures in the Dominion including: the historical development of manufacturing in Canada in so far as statistical data are available; production by industrial groups and individual industries giving a detailed treatment of current production under various groupings and individual industries; general analyses of the principal factors in manufacturing production under such sub-headings as capital, employment, salaries and wages, size of establishment, and power and fuel. Part II deals with the provincial and local distribution of manufacturing production.

With regard to the first section of Part I, dealing with historical development, it has been impossible to compile absolutely comparable statistics over a long period of years. From 1870 to 1915 statistics were collected only in connection with decennial or quinquennial censuses, and there was inevitably some variation in the information collected. The annual Census of Manufactures was instituted in 1917 and, while numerous changes have been made since then in the information collected and the treatment of the data, an effort has been made to carry all major revisions, in so far as possible, back to 1917, so that the figures for the period since then are on a reasonably comparable basis.

The far-reaching influence of the War of 1914-18 was, of course, the outstanding factor in the growth recorded prior to the war now being waged. It was during these years that Canadian manufactures began to develop on a really large scale. Munitions contracts placed by the Imperial Munitions Board of Canada in those years totalled well over \$1,000,000,000 and these did not include such fields of production as shipbuilding and aviation, which are very important to the present Canadian effort. Shipbuilding construction alone during the First World War amounted to \$35,000,000 in 1917, \$75,000,000 in 1918 and \$86,000,000 in 1919. In the same three years, employees in the shipbuilding industry numbered 12,000, 22,000 and 25,000, respectively.

Canada's effort in the present war has brought manufacturing production to a much higher level than ever before. The output of manufactured products in 1942 amounted to \$7,553,794,972 which represents an increase of 117.4 p.c. over the pre-war year of 1939, and an increase of 95 p.c. compared with the pre-war maximum attained in 1929. Great though the advance was up to the end of 1942, the output of manufactured products had not yet reached its peak. According to a preliminary compilation for 1943, the gross value of production was valued at \$8,400,000,000,



a further advance of about 11 p.c. over the previous year. The urgent needs of Allied Nations assures a continuation of the present large-scale production as long as the War lasts. There is little doubt that the diversified development which has taken place during the war years will have a permanent effect on Canadian manufacturing production after the War. Undoubtedly, the effects of the thoroughgoing transformation in industrial production will be far-reaching and will complicate the post-war readjustment in industry.

PART I.—GENERAL ANALYSES OF MANUFACTURING IN THE DOMINION

Section 1.—Growth of Manufacturing in Canada

This section gives a picture of the growth of manufacturing, in general, as shown by comparable principal statistics, i.e., establishments, capital, employees, salaries and wages paid, cost of materials, and values of products. Other useful comparisons are made in Table 4 and figures of consumption are given in Table 5. Tables 6 and 7 show volume comparisons.

1.—Historical Summary of Statistics of Manufactures for the Dominion, 1870-1942

NOTE.—Statistics of the non-ferrous metal smelting industries were included in manufactures for the first time in 1925.

Year	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$

(All establishments irrespective of the number of employees)

1870.....	41,259	77,964,020	187,942	40,851,009	124,907,846	96,709,927	221,617,773
1880.....	49,722	165,302,623	254,935	59,429,002	179,918,593	129,757,475	309,676,068
1890.....	75,964	353,213,000	369,595	100,415,350	250,759,292	219,088,594	469,847,886

(Establishments with five hands or over)

1890.....	14,065	²	272,033	79,234,311	²	²	368,696,723
1900.....	14,650	446,916,487	339,173	113,249,359	266,527,858	214,525,517	481,053,375
1910.....	19,218	1,247,583,609	515,203	241,008,411	601,569,018	564,461,621	1,165,975,639
1915.....	15,593	1,958,705,230	²	283,311,505	791,943,433	589,603,792	1,381,547,225

(All establishments irrespective of the number of employees)³

1917.....	21,845	2,333,991,229	606,523	497,801,844	1,539,678,811	1,281,131,980	2,820,810,791
1918.....	21,777	2,518,197,329	602,179	567,991,171	1,827,631,548	1,399,794,849	3,227,426,397
1919.....	22,033	2,670,559,435	594,066	601,715,668	1,779,056,765	1,442,400,638	3,221,457,403
1920.....	22,532	2,923,667,011	598,893	717,493,876	2,085,271,649	1,621,273,348	3,706,544,997
1921.....	20,848	2,697,858,073	438,555	497,399,761	1,365,292,885	1,123,694,263	2,488,987,148
1922.....	21,016	2,667,493,290	456,256	489,397,230	1,272,651,585	1,103,266,106	2,375,917,691
1923.....	21,080	2,788,051,630	506,203	549,529,631	1,456,595,367	1,206,332,107	2,662,927,474
1924.....	20,709	2,895,317,508	487,610	534,467,675	1,422,573,946	1,075,458,459	2,570,561,931
1925 ⁴	20,981	3,065,730,916	522,924	569,944,442	1,571,788,252	1,167,936,726	2,816,864,958
1926 ⁵	21,301	3,208,071,197	559,161	625,682,242	1,712,519,991	1,305,168,549	3,100,604,637
1927 ⁶	21,501	3,454,825,529	595,052	662,705,332	1,741,128,711	1,427,649,292	3,257,214,876
1928 ⁷	21,973	3,804,062,566	631,429	721,471,634	1,894,027,188	1,597,887,676	3,582,345,302
1929 ⁸	22,216	4,004,892,009	666,531	777,291,217	2,029,670,813	1,755,386,937	3,883,446,116
1930 ⁹	22,618	4,041,030,475	614,696	697,555,378	1,664,787,763	1,522,737,125	3,280,236,603
1931.....	23,083	3,705,701,893	528,640	587,566,990	1,221,911,982	1,252,017,248	2,555,126,448
1932.....	23,102	3,380,475,509	468,833	473,691,716	954,381,097	955,960,724	1,950,471,543
1933.....	23,780	3,279,259,838	468,658	456,247,824	967,788,928	919,671,181	1,954,075,785
1934.....	24,209	3,249,348,864	519,812	503,851,055	1,229,513,621	1,087,301,742	2,393,692,729
1935.....	24,034	3,216,403,127	556,664	559,467,777	1,419,146,217	1,153,485,104	2,653,911,209
1936.....	24,202	3,271,263,531	594,359	612,071,434	1,624,213,996	1,289,592,672	3,002,403,814
1937.....	24,834	3,465,227,831	660,451	721,727,037	2,006,926,787	1,508,924,867	3,625,459,500
1938.....	25,200	3,485,683,018	642,016	705,668,589	1,807,478,028	1,428,286,778	3,337,681,366
1939.....	24,805	3,647,024,449	658,114	737,811,153	1,836,159,375	1,531,051,901	3,474,783,528
1940.....	25,513	4,095,716,836	762,244	920,872,865	2,449,721,903	1,942,471,238	4,529,173,316
1941.....	26,293	4,905,503,966	961,178	1,264,862,643	3,296,547,019	2,605,119,788	6,076,308,124
1942.....	27,862	5,488,785,545	1,152,091	1,682,804,842	4,037,102,725	3,309,973,758	7,553,794,972

¹ In accordance with a resolution passed by the Conference of British Commonwealth Statisticians, 1935, the net value of production is now computed by subtracting the cost of fuel and electricity as well as the cost of materials from the gross value of the products. The figures for 1924 and later years have, therefore, been revised in accordance with this resolution. The revision could not be carried farther back as statistics for cost of electricity are not available for years prior to 1924. ² Not reported. ³ A change in the method of computing the number of wage-earners in the years 1925 to 1930, inclusive, increased the number somewhat over that which the method otherwise used would have given. In 1931, however, the method in force prior to 1925 was re-adopted. The figures for 1931 and later years are, therefore, comparable with those for 1924 and earlier years.

2.—Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-42

Province and Year	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
Prince Edward Island—							
1917.....	411	2,008,082	1,556	663,251	3,087,621	1,750,135	4,837,756
1920.....	370	2,328,686	1,287	855,210	4,164,223	2,135,857	6,300,080
1922.....	340	2,446,574	1,086	593,660	2,620,235	1,660,282	4,280,517
1929 ²	263	2,646,354	2,074	727,286	2,862,725	1,466,446	4,408,608
1933.....	249	2,556,307	991	529,684	1,590,834	1,126,826	2,775,787
1936.....	233	2,394,532	996	553,008	2,200,028	1,055,201	3,311,223
1937.....	240	2,637,472	1,062	607,547	2,386,091	1,117,298	3,566,991
1938.....	229	2,652,783	1,041	582,725	2,379,543	1,131,902	3,570,667
1939.....	222	2,682,900	1,088	617,945	2,239,117	1,243,979	3,543,681
1940.....	219	2,940,818	1,057	645,800	2,518,233	1,270,233	3,856,544
1941.....	213	3,106,369	1,105	680,883	3,229,433	1,347,990	4,649,476
1942.....	243	3,367,368	1,261	842,061	4,789,315	1,973,540	6,855,344
Nova Scotia—							
1917.....	1,337	124,357,851	25,252	18,838,051	102,415,215	57,565,703	159,980,918
1920.....	1,345	135,679,188	23,425	25,625,089	85,724,785	61,371,243	147,096,028
1922.....	1,092	98,117,897	13,678	11,586,235	37,980,329	27,516,271	65,496,600
1929 ²	1,094	118,951,398	19,986	16,905,885	50,725,562	35,676,421	89,787,548
1933.....	1,277	92,004,624	12,211	9,604,680	25,354,319	19,988,257	47,912,432
1936.....	1,158	87,888,353	15,944	13,784,556	36,077,900	27,788,510	67,784,970
1937.....	1,135	94,756,601	18,088	16,727,338	46,904,053	33,146,796	84,393,656
1938.....	1,102	91,393,782	16,810	15,570,669	39,703,367	31,375,251	74,860,605
1939.....	1,083	101,954,082	17,627	16,651,685	43,332,195	35,885,653	83,139,572
1940.....	1,155	111,652,959	21,062	21,519,617	62,160,537	46,548,446	113,814,650
1941.....	1,177	124,409,791	24,577	27,527,339	76,779,821	51,318,369	133,873,428
1942.....	1,332	152,668,789	31,318	41,273,942	85,193,680	63,615,890	155,931,264
New Brunswick -							
1917.....	943	60,300,907	19,710	12,893,014	32,380,621	27,027,725	59,408,346
1920.....	901	101,216,395	19,007	19,266,821	60,812,641	45,803,164	106,615,805
1922.....	846	77,036,627	13,934	11,801,670	38,032,967	25,163,444	63,196,411
1929 ²	803	91,378,948	17,952	15,127,716	39,800,366	26,640,786	68,145,012
1933.....	747	90,148,317	11,336	9,308,100	20,442,421	18,166,713	41,345,622
1936.....	784	81,468,098	13,710	11,855,051	29,292,851	23,781,487	56,225,201
1937.....	805	89,797,597	15,612	14,563,310	36,983,254	28,770,727	69,479,207
1938.....	826	81,965,576	13,967	13,177,238	31,578,262	23,865,877	58,570,952
1939.....	803	91,171,323	14,501	13,659,162	35,617,614	27,041,195	66,058,151
1940.....	777	93,108,166	16,859	17,639,789	46,939,404	38,253,475	89,281,008
1941.....	791	97,952,799	19,600	21,718,407	59,234,107	47,296,960	111,433,726
1942.....	867	105,056,835	22,182	26,546,806	64,891,227	53,920,484	123,839,475
Quebec—							
1917.....	7,032	662,012,975	188,043	141,008,616	385,212,984	380,882,409	766,095,393
1920.....	7,530	878,859,638	183,748	202,516,550	553,558,520	499,643,217	1,053,201,737
1922.....	7,190	800,859,568	143,584	139,876,821	533,298,544	346,020,126	679,318,670
1929 ²	6,948	1,246,208,650	206,580	225,226,808	537,270,055	537,796,395	1,108,592,775
1933.....	7,856	1,035,339,591	157,481	134,696,386	292,560,568	288,504,782	604,496,078
1936.....	7,969	1,029,546,039	194,876	182,319,454	455,027,759	377,514,998	863,687,399
1937.....	8,518	1,117,772,721	219,033	216,971,207	562,889,160	445,885,666	1,046,470,796
1938.....	8,655	1,146,235,084	214,397	213,390,084	518,430,815	428,614,079	983,123,599
1939.....	8,373	1,182,538,441	220,321	223,757,767	536,823,039	470,385,279	1,045,757,585
1940.....	8,381	1,345,927,911	252,492	277,639,876	713,132,575	595,582,909	1,357,375,776
1941.....	8,711	1,700,527,405	327,591	393,819,671	961,162,209	815,086,832	1,841,088,523
1942.....	9,342	1,883,353,668	399,017	536,329,170	1,193,445,432	1,059,873,943	2,333,303,012
Ontario—							
1917.....	9,061	1,157,850,643	299,389	258,393,065	794,556,502	662,174,261	1,456,730,763
1920.....	9,113	1,464,097,346	295,674	362,941,317	1,071,843,374	792,267,562	1,864,110,936
1922.....	8,703	1,400,041,955	235,070	265,818,003	674,025,732	572,098,704	1,246,124,436
1929 ²	9,348	1,986,736,556	328,533	406,622,627	1,056,530,202	916,971,816	2,020,492,433
1933.....	9,542	1,587,947,947	224,816	220,530,088	644,544,563	465,103,842	958,776,853
1936.....	9,753	1,588,484,130	288,992	314,872,843	822,884,081	686,470,917	1,547,551,931
1937.....	9,796	1,674,806,201	321,743	373,018,048	1,025,871,741	804,703,114	1,850,388,183
1938.....	9,883	1,676,896,175	311,274	362,351,277	999,953,721	757,620,632	1,712,496,421
1939.....	9,824	1,762,571,669	318,871	378,376,209	907,011,461	791,428,569	1,745,674,707
1940.....	10,040	1,988,461,940	372,643	479,399,188	1,236,738,529	1,004,529,583	2,302,014,654
1941.....	10,250	2,336,788,884	468,230	660,722,278	1,683,912,216	1,360,055,756	3,121,756,568
1942.....	10,711	2,632,519,471	542,958	840,783,705	2,056,746,983	1,671,130,314	3,817,396,404

¹ See footnote 1, Table 1.² See footnote 3, Table 1.

2.—Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-42

—concluded

Province and Year	Establishments	Capital	Employees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
Manitoba—							
1917	732	82,566,858	18,939	16,513,423	69,715,149	42,280,801	111,995,950
1920	747	94,424,145	23,728	32,372,081	92,729,271	62,776,912	155,506,183
1922	697	65,172,676	13,076	16,853,345	54,373,811	36,842,899	91,216,710
1929 ²	861	121,363,898	24,012	31,224,596	87,832,324	63,925,015	155,266,294
1933	1,010	100,074,404	18,871	18,687,430	44,579,998	37,390,275	83,934,777
1936	1,011	118,515,841	22,507	24,490,299	74,374,078	45,015,577	122,050,502
1937	1,043	119,363,026	23,706	27,198,978	87,684,514	49,950,465	140,805,451
1938	1,072	114,367,743	23,507	27,195,923	80,447,740	48,308,248	131,770,280
1939	1,087	119,659,365	23,910	28,444,798	82,408,293	48,810,544	134,293,595
1940	1,171	132,978,496	26,679	31,940,562	101,693,250	62,352,698	167,919,165
1941	1,184	163,489,471	32,262	40,894,267	132,330,823	74,450,721	211,534,751
1942	1,287	175,902,477	37,519	51,605,139	159,248,309	94,856,679	259,554,350
Saskatchewan—							
1917	560	24,372,585	6,230	5,403,332	22,040,674	13,894,179	35,934,853
1920	554	24,640,520	6,709	9,571,175	34,894,105	22,610,861	57,504,966
1922	490	22,734,469	3,494	4,734,885	22,366,129	13,186,266	35,552,395
1929 ²	594	43,925,797	7,025	9,105,597	51,003,566	23,002,952	75,368,605
1933	673	38,688,433	4,782	4,848,763	19,124,030	11,478,634	31,559,387
1936	694	42,055,557	5,782	6,013,378	35,311,152	15,185,500	51,604,510
1937	689	39,279,050	6,107	6,758,154	43,782,999	17,068,655	62,205,884
1938	678	38,364,021	6,123	6,988,061	43,437,556	16,143,335	61,027,853
1939	737	37,654,095	6,475	7,346,127	38,782,135	20,283,273	60,650,589
1940	814	40,698,082	7,415	8,412,580	48,654,473	25,857,683	76,284,332
1941	945	42,158,738	8,546	9,979,974	65,836,308	28,172,441	96,020,975
1942	966	45,013,677	9,801	12,543,065	84,208,201	33,933,836	120,256,733
Alberta—							
1917	636	49,146,241	9,461	8,662,417	42,632,212	23,883,673	66,515,885
1920	666	48,310,655	10,955	15,210,628	56,139,646	29,812,891	85,952,537
1922	556	41,154,178	6,516	8,293,572	30,189,648	18,939,659	49,129,307
1929 ²	736	81,875,952	12,216	14,585,734	62,600,175	36,824,969	100,966,196
1933	874	69,604,563	9,753	9,573,468	29,425,975	18,876,929	49,395,514
1936	905	70,224,578	11,756	12,328,471	47,684,029	25,000,136	74,052,010
1937	895	70,804,070	12,524	13,903,062	55,898,599	28,923,095	86,225,069
1938	970	69,192,348	12,684	14,367,789	54,345,594	30,755,626	86,675,500
1939	961	73,284,225	12,712	14,977,700	53,151,149	32,618,153	87,474,080
1940	1,068	78,440,506	14,191	16,824,993	67,429,671	37,747,215	107,313,964
1941	1,108	95,676,318	16,761	20,151,705	94,176,887	45,958,219	142,651,493
1942	1,115	101,401,133	18,397	23,992,613	117,617,500	57,479,536	178,103,011
British Columbia and Yukon—							
1917	1,133	171,375,087	37,943	35,426,675	87,637,833	71,673,094	159,310,927
1920	1,306	174,110,438	34,360	49,135,005	125,405,084	104,851,641	230,259,725
1922	1,102	159,929,346	25,818	29,839,039	79,764,190	61,838,455	141,602,645
1929 ²	1,569	311,806,456	48,153	57,764,968	141,145,838	113,082,137	260,418,645
1933	1,552	263,195,652	28,417	28,469,225	70,166,220	59,034,923	133,879,330
1936	1,695	250,686,403	39,796	45,854,374	121,362,118	87,780,346	216,136,078
1937	1,713	256,011,093	42,576	51,979,393	144,466,346	99,359,051	251,924,258
1938	1,785	264,615,506	42,213	52,044,823	127,196,430	90,471,828	225,585,489
1939 ³	1,710	274,969,502	42,554	53,881,994	136,655,872	103,263,292	247,948,600
1940 ³	1,879	300,841,677	49,768	66,727,184	170,357,991	130,206,263	311,046,478
1941 ³	1,905	340,609,179	62,447	89,256,478	219,755,738	181,232,637	412,957,807
1942 ³	1,990	388,649,300	89,570	148,782,063	270,823,072	272,926,065	558,137,606
Yukon and N.W.T.—							
1939	5	538,847	55	97,766	138,500	92,054	242,968
1940	9	666,281	78	123,276	97,240	152,738	266,745
1941	9	785,012	59	111,641	129,477	199,863	341,377
1942	9	852,827	68	106,278	139,006	263,471	417,773

¹ See footnote 1, Table 1.² See footnote 3, Table 1.³ Does not include Yukon.

3.—Summary Statistics of Manufactures, by Industrial Groups, Significant Years, 1917-42

Industrial Group and Year	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
Vegetable Products—							
1917.....	4,151	279,627,827	62,777	45,915,557	367,214,061	183,782,501	550,996,562
1920.....	4,549	402,383,047	74,241	77,750,189	536,828,044	239,328,371	776,156,415
1922.....	4,638	379,567,139	64,753	66,228,286	333,295,009	210,835,301	544,130,310
1929 ²	5,350	581,820,861	91,032	95,853,121	431,595,751	341,688,938	783,706,883
1933.....	5,916	522,389,736	75,416	68,535,349	226,879,373	196,820,952	432,315,617
1936.....	5,824	524,164,493	87,071	84,397,961	333,562,766	254,135,013	597,461,633
1937.....	5,968	539,531,357	94,258	94,632,901	395,491,147	266,869,693	672,504,165
1938.....	6,076	531,073,166	95,541	98,750,708	370,466,550	267,471,208	648,159,901
1939.....	5,872	539,446,225	99,447	104,248,785	356,726,153	292,129,840	669,624,014
1940.....	5,861	586,790,195	103,634	111,915,850	430,120,335	295,582,069	738,432,443
1941.....	5,948	634,728,760	113,753	131,066,093	532,876,217	349,912,287	897,973,448
1942.....	5,985	656,756,413	115,476	145,000,211	552,791,525	396,956,313	965,896,035
Animal Products—							
1917.....	5,486	207,165,245	46,994	35,753,133	320,302,039	124,103,990	444,406,029
1920.....	4,823	221,792,457	48,687	54,291,606	400,496,354	152,995,130	553,491,484
1922.....	5,118	201,829,414	49,595	49,933,679	254,078,631	107,473,382	371,552,013
1929 ²	4,490	243,825,065	67,670	62,081,423	345,351,882	127,929,857	477,761,855
1933.....	4,496	201,993,642	53,111	46,453,188	179,429,948	87,629,444	271,068,210
1936.....	4,433	222,299,844	63,609	57,829,529	283,265,546	109,823,848	397,955,241
1937.....	4,435	230,312,163	67,996	64,816,361	326,537,087	118,117,971	449,783,908
1938.....	4,389	227,300,762	66,660	64,752,517	317,907,853	118,950,278	442,198,408
1939.....	4,362	250,335,831	69,358	68,231,871	333,647,306	122,821,410	461,983,262
1940.....	4,250	261,794,531	73,666	75,226,038	398,487,114	141,233,679	546,336,264
1941.....	4,240	303,657,373	82,131	90,185,037	534,909,242	165,416,939	708,220,447
1942.....	4,392	322,045,016	87,038	103,620,997	649,160,318	203,152,956	861,190,126
Textiles and Textile Products—							
1917.....	1,067	191,338,745	76,978	47,764,436	131,225,032	109,904,530	241,129,562
1920.....	1,304	302,758,185	87,730	84,433,609	256,233,300	173,741,035	429,974,335
1922.....	1,089	259,324,870	80,558	69,685,529	151,333,320	142,577,057	293,910,377
1929 ²	1,534	360,762,584	103,881	94,969,433	217,954,088	180,469,064	403,205,809
1933.....	1,740	298,730,436	95,707	72,813,424	143,184,861	131,065,992	279,475,267
1936.....	1,879	316,273,003	114,966	95,016,170	197,336,683	162,677,272	366,285,008
1937.....	1,941	322,204,180	121,677	105,056,051	219,813,775	174,076,945	400,383,726
1938.....	1,927	307,299,840	115,745	99,275,365	180,050,478	159,978,801	346,215,005
1939.....	1,930	347,248,927	121,022	107,117,035	203,618,197	181,927,898	392,657,759
1940.....	1,958	394,493,058	138,973	133,136,316	298,656,288	240,338,903	547,451,110
1941.....	2,104	439,078,775	156,892	159,339,028	367,149,392	290,105,448	666,438,539
1942.....	2,369	464,161,573	165,478	185,731,313	441,718,052	341,475,081	793,304,750
Wood and Paper Products—							
1917.....	7,263	536,320,247	152,277	113,359,997	148,277,935	245,372,487	393,650,422
1920.....	7,881	774,937,232	144,391	172,368,578	309,813,724	417,256,115	727,069,839
1922.....	6,966	761,020,831	118,364	132,092,249	266,860,089	283,006,200	489,866,289
1929 ²	7,392	1,151,463,962	164,572	192,088,948	313,797,201	381,485,477	724,972,308
1933.....	7,891	892,652,622	105,080	102,218,652	134,663,641	184,233,540	341,336,701
1936.....	8,175	874,592,781	132,374	141,301,340	205,978,921	261,020,034	497,103,666
1937.....	8,497	927,070,757	147,254	165,298,485	256,269,941	306,961,553	597,061,878
1938.....	8,684	951,092,969	141,974	158,873,650	227,707,841	277,000,267	533,210,257
1939.....	8,538	960,804,672	144,782	165,287,455	246,292,820	303,662,441	579,892,183
1940.....	9,276	1,021,849,742	160,868	193,765,595	315,995,317	396,891,501	750,631,337
1941.....	9,420	1,086,022,546	179,967	227,821,739	386,999,813	463,967,834	892,936,114
1942.....	10,222	1,080,457,129	180,106	252,179,776	428,526,286	488,433,355	961,842,906
Iron and Its Products—							
1917.....	1,495	695,677,552	161,745	161,875,424	378,193,116	371,792,489	749,985,605
1920.....	1,789	726,371,335	164,087	231,595,911	377,499,134	411,875,057	789,374,191
1922.....	1,083	567,011,222	78,565	95,443,053	171,529,909	170,769,391	342,299,300
1929 ²	1,224	826,063,042	142,772	203,740,658	405,818,468	367,465,582	790,726,338
1933.....	1,334	614,632,403	73,348	72,296,179	98,793,191	109,198,169	216,828,992
1936.....	1,317	600,424,322	107,203	126,537,057	227,886,781	211,572,641	453,585,553
1937.....	1,345	651,398,528	127,148	163,261,130	328,091,063	280,165,582	624,819,877
1938.....	1,391	657,304,274	121,235	154,459,640	272,544,238	261,639,134	548,801,929
1939.....	1,394	697,893,720	121,041	158,559,728	262,292,781	275,774,796	553,468,880
1940.....	1,433	837,382,032	164,325	242,737,559	454,479,763	429,461,950	906,103,055
1941.....	1,759	1,138,701,669	253,701	408,064,135	715,595,982	735,511,841	1,483,169,765
1942.....	1,931	1,446,215,017	360,845	639,330,901	985,960,237	1,084,424,334	2,112,822,237

¹ See footnote 1, Table 1.² See footnote 3, Table 1.

3.—Summary Statistics of Manufactures, by Industrial Groups, Significant Years, 1917-42—concluded

Industrial Group and Year	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
Non-Ferrous Metal Products—							
1917.....	296	69,421,911	18,220	15,898,890	46,445,469	41,039,351	87,484,820
1920.....	324	109,382,033	23,162	27,895,343	48,434,120	52,847,178	101,281,298
1922.....	325	102,208,275	18,222	21,451,629	30,861,895	39,993,798	70,855,693
1929 ²	408	298,721,106	39,867	54,501,806	124,900,632	150,415,215	283,545,666
1933.....	478	266,266,443	25,273	28,099,026	71,990,608	88,427,984	164,765,604
1936.....	512	266,322,074	36,935	45,091,191	212,783,636	132,423,707	351,164,860
1937.....	526	306,522,643	44,614	57,722,728	282,532,128	182,968,223	482,440,562
1938.....	521	327,463,534	44,440	58,010,696	252,624,911	164,692,324	434,699,676
1939.....	526	346,489,890	44,563	59,684,858	242,063,177	155,808,806	416,060,459
1940.....	545	425,766,853	54,317	75,655,811	307,808,225	210,352,784	540,781,367
1941.....	579	545,862,427	73,450	108,895,000	406,132,161	288,823,325	726,348,447
1942.....	596	612,513,064	90,937	146,690,366	505,122,844	355,005,408	901,569,437
Non-Metallic Mineral Products—							
1917.....	1,075	145,423,082	20,795	18,224,724	36,994,392	58,092,396	95,086,788
1920.....	846	215,281,921	25,500	32,351,764	69,856,558	80,205,472	150,062,030
1922.....	812	218,466,004	20,932	25,401,278	60,671,305	74,022,607	134,693,912
1929 ²	843	310,692,818	29,257	38,958,390	112,573,103	99,065,847	229,774,300
1933.....	770	295,139,543	16,975	19,282,401	69,077,701	52,817,078	131,335,706
1936.....	803	282,596,535	21,974	26,402,410	96,534,218	68,707,776	177,771,597
1937.....	823	287,473,542	23,837	30,389,958	115,938,578	77,667,225	208,205,148
1938.....	856	283,268,960	22,799	29,774,927	108,574,069	74,967,075	197,620,490
1939.....	899	290,865,285	23,026	30,067,934	107,979,292	85,511,631	208,166,781
1940.....	804	309,092,155	25,415	34,897,235	139,312,380	97,693,069	255,624,328
1941.....	773	325,032,038	28,829	42,376,214	183,140,990	117,425,887	324,289,898
1942.....	782	329,401,312	30,707	48,702,880	191,143,787	141,216,996	358,075,414
Chemicals and Allied Products—							
1917.....	539	175,836,690	56,153	51,505,484	99,068,092	131,381,995	230,450,087
1920.....	464	122,123,730	17,653	22,193,421	62,644,608	65,183,212	127,827,820
1922.....	469	118,025,483	14,082	16,770,503	37,650,061	48,981,277	86,631,338
1929 ²	554	165,886,912	16,694	22,639,449	55,184,337	78,785,911	138,545,221
1933.....	696	153,900,930	15,397	18,738,629	34,271,854	55,394,284	92,820,761
1936.....	745	147,664,533	19,910	25,227,267	52,482,873	69,854,217	126,874,791
1937.....	754	161,165,068	21,968	28,612,719	64,460,947	79,290,240	148,973,220
1938.....	790	161,266,586	21,896	29,570,517	60,714,102	80,506,965	146,139,312
1939.....	808	172,459,365	22,595	31,567,558	65,230,839	89,046,832	159,536,984
1940.....	804	213,610,510	27,682	38,640,990	82,534,474	104,121,900	193,890,338
1941.....	849	358,429,529	54,014	75,634,741	134,924,947	157,304,350	304,400,569
1942.....	928	471,679,779	93,030	134,345,942	233,386,894	252,390,766	501,656,123
Miscellaneous Industries—							
1917.....	473	33,179,930	10,584	7,504,199	11,958,675	15,662,241	27,627,916
1920.....	552	48,637,071	13,442	14,613,455	23,465,807	27,841,778	51,307,585
1922.....	516	48,020,052	11,185	12,391,024	16,371,366	25,607,093	41,978,459
1929 ²	421	59,654,759	10,786	12,457,989	22,495,351	28,081,046	51,207,736
1933.....	469	33,554,083	8,351	7,810,976	9,497,751	14,083,738	24,138,927
1936.....	514	36,925,946	10,317	10,287,909	14,382,572	19,378,164	34,401,463
1937.....	545	39,549,593	11,699	11,936,704	17,792,121	22,807,435	41,251,018
1938.....	566	39,612,927	11,726	12,200,569	16,887,986	23,078,726	40,636,388
1939.....	566	41,480,534	12,280	13,045,929	18,308,810	24,368,247	43,393,206
1940.....	582	44,937,760	13,364	14,897,461	22,328,007	26,795,383	49,923,074
1941.....	621	73,990,849	18,441	21,480,656	34,818,275	36,651,877	72,525,897
1942.....	657	105,556,242	22,474	27,202,456	49,292,782	46,918,549	97,437,944

¹ See footnote 1 Table 1.² See footnote 3, Table 1.

Summary Statistics of Manufactures.—The figures in Table 4 trace the tendencies in Canadian manufacturing industries as clearly as possible through the latest period of their development. In analysing statistics of production and materials used, it should be borne in mind that, due to the inflation of values from 1914 through the immediate post-war period and the drop in prices of commodities during the depressions following 1921 and 1930, the figures for these periods are not completely comparable. One very important figure, however, which shows the trend of development clearly, is concerned with the use of power. The total horse-power employed increased from 1,658,475 in 1917 to 6,062,020 in 1942, an increase of about 265 p.c. in 25 years. In the same period, horse-power per wage-earner showed an interrupted trend from 3.06 to 10.82 in 1933 and 9.46 in 1939. With the large increase in the number of wage-earners on war production, and the more efficient utilization of the equipment available, the horse-power per wage-earner dropped to 6.22 in 1942. The significant feature is the increase in both the absolute figures of power employed and the averages per wage-earner during the depression years as compared with 1929, although the large numbers of persons again finding employment since 1933 reduced the averages for the years 1934 to 1937 and again for 1940 to 1942. Other interesting comparisons are the trend of value added by manufacture, per employee, and of average salaries and wages paid since 1929.

Consumption of Manufactured Products.—One of the beneficial results of adopting the same classification for external trade and for production is exhibited in Table 5, where the value of commodities made available for consumption in Canada is derived from these statistics. For example, the value of all manufactured commodities made available in 1942 was \$6,781,000,000, a figure obtained by adding to the value of manufactured products the value of the imports of manufactured and partly manufactured goods and deducting the value of the exports.

In past years there have always been large amounts of manufactured animal, wood and non-ferrous metal products available for consumption in Canada with considerable surplus left for export. Since the commencement of the War, however, it has been necessary to export more and more of such goods to the United Kingdom, and while this has been done mainly by increasing production, Government control of consumption at home is growing stronger as the War advances. In the case of manufactured vegetable products, the figures for 1942 show large excesses of exports over imports for such products as cereal foods (including flour), canned vegetables, etc. Excesses of imports were chiefly confined to cocoa, tea, coffee and preserved fruits and fruit juices, in which cases domestic production cannot be substituted.

On balance, Canada has, in the past, imported large quantities of iron and steel, textile and non-metallic mineral products in spite of large home production. The urgent requirements for munitions of war have brought about an expansion of the iron and steel, chemical and non-ferrous metals industries that will enable Canada to meet most requirements for home consumption in the future as these industries are adjusted for peace-time needs.

Imports and exports of munitions, equipment and supplies for the Armed Forces, regardless of their component materials, are credited to the miscellaneous group in the foreign trade statistics. On the other hand, in the statistics on production these items are allocated on the basis of chief component material. For this reason it becomes impossible to compute consumption statistics by types of commodities, as was done in the past and the analysis by industrial groupings followed in previous years is now dropped from Table 5.

4.—Summary Statistics of Manufactures, Significant Years, 1917-42

Item	1917	1920	1929 ¹	1933	1937	1939	1941	1942
Establishments.....	No.							
Capital.....	21,845	22,532	22,216	23,780	24,834	24,805	26,293	27,862
Averages, per establishment.....	2,333,981,229	2,923,667,011	4,004,892,009	3,279,259,838	3,465,227,831	3,647,024,449	4,905,503,966	5,488,785,545
Averages, per employee.....	106,843	129,756	180,271	137,900	139,536	147,028	186,571	196,969
Averages, per wage-earner.....	3,848	4,882	6,009	6,997	5,247	5,542	5,104	4,764
Totals, employees.....	4,309	5,616	6,933	8,584	6,363	6,388	6,115	5,730
Totals, employees, per establishment.....	606,523	598,893	666,531	468,658	660,451	658,114	961,178	1,152,091
Averages, per establishment.....	27.8	26.6	30.0	19.7	26.6	26.5	36.6	41.4
Totals, salaries and wages.....	497,801,844	717,493,876	777,291,217	436,247,824	721,727,037	737,811,153	1,264,862,643	1,682,804,842
Averages, per establishment.....	22,788	31,843	34,988	18,345	29,062	29,744	48,106	60,308
Averages, per employee.....	821	1,198	1,166	931	1,093	1,121	1,316	1,461
Employees on salaries.....	64,918	78,334	88,841	86,636	115,827	124,772	138,944	177,187
Averages, per establishment.....	3.0	3.5	4.0	3.6	4.7	5.0	6.0	6.4
Salaries.....	85,353,667	141,837,391	175,553,710	139,317,946	195,983,475	217,839,334	286,336,861	334,870,793
Averages, per salaried employee.....	1,315	1,811	1,976	1,608	1,692	1,746	1,801	1,890
Employees on wages.....	541,605	520,559	577,690	382,022	544,024	533,342	802,234	974,904
Averages, per establishment.....	24.8	23.1	26.0	16.1	21.9	21.5	30.5	35.0
Wages.....	412,448,177	575,056,515	601,737,307	296,929,878	525,743,562	519,971,819	978,525,752	1,347,934,049
Averages, per wage-earner.....	1,539,678,811	2,085,276,649	2,029,670,813	967,788,928	2,006,926,787	1,836,159,375	3,296,547,019	4,037,102,725
Cost of materials.....	70,482	92,547	91,361	40,698	80,814	74,024	125,377	144,896
Averages, per establishment.....	2,538	3,432	3,045	2,065	3,039	2,790	3,430	3,504
Averages, per employee.....	1,281,131,930	1,621,273,348	1,755,386,937	919,671,181	1,508,924,887	1,531,051,901	2,605,119,788	3,309,573,759
Values added in manufacture ²	58,646	71,934	79,015	38,674	60,760	61,724	99,080	118,799
Averages, per establishment ²	2,112	2,707	2,634	1,962	2,285	2,326	2,710	2,873
Averages, per employee ²	2,820,810,791	3,706,544,997	3,883,446,116	1,954,075,755	3,625,459,500	3,474,783,528	6,076,308,124	7,553,704,972
Gross value of products.....	129,128	164,501	174,804	82,173	145,988	140,084	231,100	271,115
Averages, per establishment.....	4,651	6,189	5,826	4,170	5,489	5,280	6,322	6,557
Averages, per employee.....	1,658,475	2,068,875	3,855,648	4,135,008	4,712,283	5,045,287	5,850,076	6,062,020
Power employed.....	h.p.							
Averages, per establishment.....	76	92	174	174	203	222	218	218
Averages, per wage-earner.....	3.06	3.97	6.67	10.82	8.65	9.46	7.29	6.22

¹ A change in the method of computing the number of wage-earners in the years 1925 to 1930, inclusive, increased the number somewhat over that which the method otherwise used would have given. There was, therefore, a proportionate reduction in the averages for 1925-30 per employee and wage-earner, as compared with what these averages would have been under the other method. In 1931, however, the method in force prior to 1925 was re-adopted. The figures for 1931 and later years are, therefore, comparable with those for 1924 and earlier years.

² Net values of products, see footnote 1, Table 1.

5.—Consumption of Manufactured Products, 1922-42

Year	Value of Products Manufactured	Manufactured and Partly Manufactured Goods ¹		Value of Manufactured Products Available for Consumption
		Value of Net Imports	Value of Domestic Exports	
	\$	\$	\$	\$
Totals, 1922.....	2,375,917,691	574,551,323	515,173,415	2,435,295,599
Totals, 1923.....	2,662,927,474	639,343,645	591,829,306	2,710,441,813
Totals, 1924.....	2,570,561,931	576,031,243	591,598,479	2,554,994,695
Totals, 1925.....	2,816,864,958	671,462,940	695,325,245	2,793,002,653
Totals, 1926.....	3,100,604,637	767,022,008	673,709,266	3,193,917,379
Totals, 1927.....	3,257,214,876	825,147,919	648,178,000	3,434,184,795
Totals, 1928.....	3,582,345,302	954,387,551	698,376,615	3,883,356,238 ²
Totals, 1929.....	3,883,146,116	939,130,201	686,876,071	4,135,700,246
Totals, 1930.....	3,280,236,603	675,828,232	490,108,470	3,465,956,366
Totals, 1931.....	2,555,126,418	423,519,849	347,456,198	2,631,190,099
Totals, 1932.....	1,980,471,543	281,855,757	267,765,614	1,994,561,686
Totals, 1933.....	1,954,073,785	298,068,344	365,232,113	1,886,912,016
Totals, 1934.....	2,393,692,729	357,320,284	419,094,297	2,331,918,716
Totals, 1935.....	2,653,911,209	385,591,041	582,041,141	2,457,467,109
Totals, 1936.....	3,002,403,814	468,455,981	676,890,803	2,793,968,992
Totals, 1937.....	3,625,459,500	566,876,483	781,099,407	3,411,236,576
Totals, 1938.....	3,337,681,366	473,193,253	587,758,795	3,222,115,324
Totals, 1939.....	3,474,783,528	542,364,930	646,833,938	3,370,294,520
Totals, 1940.....	4,529,173,316	807,636,948	913,049,979	4,423,760,285
Totals, 1941.....	6,076,308,124	1,123,991,913	1,292,855,603	5,907,447,434
Totals, 1942.....	7,553,794,972	1,283,881,068	2,056,368,079	6,781,310,961

¹ Imports and exports of manufactured and partly manufactured goods for the years 1922 to 1938 are for the fiscal years ended March 31 of the following years, while for 1939 to 1942 they are for the calendar year. Net imports are total imports less foreign products re-exported.

² For 1928 to 1942 foreign products imported and later re-exported are eliminated from the value of products available for consumption, but for 1927 and previous years this was impossible, since foreign exports for these years had never been analysed as raw materials or partly or fully manufactured goods. Therefore in this table the value of manufactured products made available for consumption, for the years 1922 to 1927, inclusive, is an overstatement by the amount of the foreign exports of manufactured goods in each year, probably varying from about \$11,000,000 in 1922 to \$18,000,000 in 1927.

Section 2.—Value and Volume of Manufactured Products

Value of Manufactured Products.—In the interpretation of manufacturing values over a number of years, variations in the level of prices must be borne in mind, especially when such variations have been as great as those in the period since the annual Census of Manufactures was begun in 1917. The index number of wholesale prices in Canada, on the 1926 base, compiled by the Dominion Bureau of Statistics, stood at 114.3 in 1917, 155.9 in 1920, 97.3 in 1922, 95.6 in 1929, 67.1 in 1933, 84.6 in 1937, 75.3 in 1939 and 95.6 p.c. in 1942. Index numbers of the prices of fully or chiefly manufactured goods were: 113.5 in 1917, 156.5 in 1920, 100.4 in 1922, 93.0 in 1929, 70.2 in 1933, 80.5 in 1937, 75.3 in 1939 and 91.9 p.c. in 1942.

Volume of Manufacturing Production.—Since real income is ultimately measured in goods and services, the growth of the volume of manufacturing production, as distinguished from its value, becomes a matter of great significance. The important thing to know is whether consumers are getting more goods and services, not whether they are expending more dollars and cents.

The index of volume (Table 6) is based on the quantities of manufactured products reported, and covers 71.1 p.c. of the total value of the production in 1926. The industry indexes are weighted according to the values added by manufacture. The indexes for the years 1923-31 are based on the values added in 1926. The

weights and products were changed in 1931, 1936 and then again in 1941. By changing the weights and products used in the construction of the index every five years, current changes in production are thereby reflected more accurately.

The physical volume of manufacturing production increased 50.2 from 1923 to 1929. When it is recalled that the population of Canada is estimated to have increased only 11.3 p.c. during the same period, the growth of manufacturing production is indeed remarkable. Of this advance, the part resulting from an increase in the domestic demand due to growth of population would therefore be about 11.3 p.c. Exports of partly and fully manufactured goods increased from \$591,830,000 in the fiscal year ended Mar. 31, 1924, to \$686,876,000 in the fiscal year 1930, the increase in exports representing about 3.6 p.c. of the 1923 production. The remainder of the increase in production by 1929, or a margin equal to roughly 35 p.c. of the volume of manufactures of 1923, was, therefore, apparently absorbed by increases in capital equipment and by the rise in the standard of living of the population of Canada.

A similar analysis of the volume of manufactures since 1929 in relation to population and exports would show that the decline in the depression preceding the present War was due chiefly to reduced exports and a cessation in production of capital equipment. As a result of the expansion in production resulting from the demands created by the War, the physical volume of production increased by 69.2 p.c. since 1939 and by 77.4 p.c. since 1929. The chemical and allied products group, with an increase of 239.4 p.c., reported the greatest expansion in output since 1939. This was followed by the iron and its products group with an increase of 183.9 p.c., non-ferrous metal products 92.3 p.c., miscellaneous industries 62.8 p.c., non-metallic mineral products 50 p.c., textiles and textile products 45.2 p.c., animal products 35.4 p.c., wood and paper products 25.7 p.c., and vegetable products 25 p.c. There was also an increase in the volume of consumers' goods. As was to be expected, the increase was not as great as that for the output of equipment and supplies needed by the Armed Forces. Drink and tobacco increased by 53.3 p.c., clothing 31.9 p.c., and food 22.1 p.c. These increases compare with an increase of 69.2 p.c. for manufacturing in general.

6.—Indexes of the Volume of Manufacturing Production, According to Component Material and Purpose Classifications, Significant Years, 1923-42

(1935-39=100)

Classification and Group	1923	1929	1933	1939	1940	1941	1942
Component Material Classification—							
Vegetable products.....	63.6	95.7	73.8	109.0	117.9	137.2	136.3
Animal products.....	75.0	87.9	79.6	107.2	118.7	138.2	145.2
Textiles and textile products.....	64.3	86.1	81.1	104.9	124.8	143.1	152.3
Wood and paper products.....	65.0	99.4	69.6	104.4	117.8	131.3	131.2
Iron and its products.....	81.5	123.5	50.0	101.9	141.2	217.1	289.3
Non-ferrous metal products.....	42.7	81.3	57.6	111.1	133.2	165.4	213.7
Non-metallic mineral products.....	76.4	124.6	66.8	105.1	127.8	148.8	157.6
Chemicals and allied products.....	59.2	84.8	69.9	108.9	130.2	219.6	369.6
Miscellaneous industries.....	89.9	123.5	66.1	110.7	116.3	157.4	180.2
Totals, All Industries.....	67.5	101.4	67.7	106.3	125.2	155.9	179.9
Purpose Classification—							
Food.....	73.7	89.4	79.9	107.0	115.0	131.7	130.7
Clothing.....	69.2	95.8	81.7	108.2	119.9	136.0	142.7
Drink and tobacco.....	50.1	92.6	63.4	111.6	129.7	149.5	171.1
Personal utilities.....	85.1	101.5	70.7	108.5	115.1	140.0	144.6
House furnishings.....	62.1	108.3	68.7	106.5	120.5	140.4	149.5
Books and stationery.....	56.1	79.3	73.5	104.7	102.8	112.8	106.7
Producers materials.....	69.3	101.8	63.6	106.9	123.7	151.1	172.3
Industrial equipment.....	64.3	109.2	59.2	105.1	138.7	184.9	222.8
Vehicles and vessels.....	77.4	142.6	57.7	97.4	129.5	230.8	310.2
Miscellaneous.....	45.0	66.2	59.9	115.5	180.3	654.5	163.0

7.—Indexes of the Volume of Manufacturing Production for the Groups of the Purpose Classification, Significant Years, 1923-42

(1935-39=100)

Group and Class	1923	1929	1933	1939	1940	1941	1942
Food	73.7	89.4	79.9	107.0	115.0	131.7	130.7
Breadstuffs.....	81.0	98.7	84.3	106.9	113.8	128.3	130.9
Fish.....	108.5	114.1	86.7	98.8	116.7	164.0	145.4
Fruit and vegetable preparations.....	32.9	70.8	64.5	109.9	111.3	136.8	123.0
Meats.....	72.7	78.5	76.2	106.0	125.2	143.4	153.1
Milk products.....	69.8	77.2	78.7	107.3	113.7	125.4	136.5
Oils and fats.....	52.0	40.9	41.9	156.4	178.8	243.0	296.4
Sugar.....	79.2	88.5	82.5	109.4	110.0	115.7	76.9
Infusions.....	64.4	75.0	82.5	105.8	103.3	111.5	145.3
Miscellaneous.....	46.5	67.4	66.5	110.4	119.5	143.8	
Clothing	69.2	95.8	81.7	108.2	119.9	136.0	132.7
Boots and shoes.....	73.0	100.6	80.0	113.4	104.1	115.8	114.1
Fur goods.....	41.1	97.6	81.0	118.3	140.2	154.4	157.5
Garments and personal furnishings.....	75.3	94.2	80.2	103.1	124.3	148.7	166.5
Gloves and mittens.....	59.2	84.0	76.4	100.4	121.8	148.3	166.4
Hats and caps.....	58.6	95.3	74.3	104.5	115.8	131.8	133.8
Knitted goods.....	64.8	86.1	83.1	112.4	125.7	128.1	124.0
Waterproofs.....	48.9	89.8	65.7	100.4	153.1	309.4	329.2
Drink and Tobacco	50.1	92.6	63.4	111.6	129.7	149.5	171.1
Beverages, alcoholic.....	49.5	105.9	60.5	102.8	122.5	147.6	179.2
Beverages, non-alcoholic.....	35.9	61.3	54.9	136.4	165.7	183.9	179.9
Tobacco.....	55.3	90.7	77.1	111.3	124.4	134.4	162.7
Personal Utilities	85.1	101.5	70.7	108.5	115.1	140.0	144.6
Jewellery and time-pieces.....	78.4	88.5	67.7	108.1	123.5	155.9	161.8
Recreational supplies.....	193.3	176.7	48.2	114.1	114.1	124.7	131.8
Personal utilities.....	56.1	79.8	78.1	107.5	111.8	135.9	139.6
House Furnishings	62.1	108.3	68.7	106.5	120.5	140.4	149.5
Books and Stationery	56.1	79.3	73.5	104.7	102.8	112.8	106.7
Producers Materials	69.3	101.8	63.6	106.9	128.7	151.1	172.3
Farm materials (fertilizers).....	8.0	13.4	51.7	124.8	131.9	122.1	159.2
Manufacturers materials.....	58.7	88.1	64.4	105.6	128.2	148.7	167.8
Building materials.....	109.3	152.9	58.8	111.2	133.4	160.9	167.1
General materials.....	86.0	120.3	69.3	108.5	118.8	171.3	183.7
Industrial Equipment	64.3	109.2	59.2	105.1	138.7	184.9	222.8
Farming equipment.....	97.7	144.7	43.3	85.1	117.4	152.8	206.6
Manufacturing equipment.....	66.5	101.3	44.9	107.6	179.6	241.0	284.3
Trading equipment.....	55.2	77.2	80.0	107.7	105.6	126.8	Nil
Service equipment.....	67.7	75.8	72.5	100.4	100.8	127.1	166.2
Light, heat and power equipment.....	46.6	104.8	61.5	105.0	134.5	169.8	196.6
General equipment.....	74.2	114.4	58.5	106.4	146.2	212.2	260.5
Vehicles and Vessels	77.4	142.6	57.7	97.4	129.5	230.8	310.2
Miscellaneous	45.0	66.2	59.9	115.5	180.3	654.5	163.0
Totals, All Manufactures	67.5	101.4	67.7	106.3	125.2	155.9	179.9

Section 3.—Production by Industrial Groups and Individual Industries

*For the purposes of the Census of Manufactures, the main detailed analysis is made under a classification in which industries are grouped according to the chief component materials of the goods manufactured. This is, therefore, the grouping used in Table 9, where the statistics of individual industries are presented in detail, and in the historical series shown in Table 3. However, there are also less detailed analyses under purpose groupings given in Table 10 and under origin groupings in Table 11.

Subsection 1.—Manufactures Grouped by Chief Component Materials

A classification based on the chief component materials in the various products of each manufacturing establishment was applied for the first time in the compilation of the returns for 1920. The number of groups was reduced from fifteen to nine to correspond with the external trade classification and the classes of industry were somewhat altered to conform with recent industrial developments. Subsequently, a number of minor changes were made, the most important being the elimination of central electric stations and the dyeing, cleaning and laundry industry from the compilation in 1936. Revisions due to these changes have been carried back to 1917 in so far as possible.

Recent Changes in Manufacturing Production.—Table 8 shows the effects of the depression, the recovery since 1933, and the impact of the present War upon the main groups of industries with regard to the numbers employed, the salaries and wages paid, and the gross value of products. Owing to the price decline during the depression, money values of both wages and of products were naturally affected more than the number of employees. Furthermore, during periods of curtailed production there is a tendency for wage-earners to be put on part time, while the number of salaried employees responds less quickly to reduction in output than that of wage-earners. Therefore, there are a number of reasons why the variation in the number of employees should be less than that of money values. The figures of Table 8 are to be compared with those of Table 6 which show changes in volume of production. Compared with 1939, the number of employees in 1942 increased by 75.1 p.c. as compared with an increase of 69.2 p.c. in the physical volume of production. Salaries and wages paid were 128.1 p.c. higher and the gross value of production 117.4 p.c. higher. Another significant change is the increase in the proportion of women engaged in manufacturing. Whereas in 1939, there were 281 females to every 1,000 males employed, in 1942 this figure jumped to 347.

8.—Percentage Variation in Employment, Salaries and Wages, and Gross Value of Products in the Main Industrial Groups Compared for Significant Years, 1929-42

NOTE.—The highest pre-depression year was 1929, while the lowest depression year was 1933.

Industrial Group	1933 Compared with 1929			1939 Compared with 1929			1942 Compared with 1939		
	Em- ployees	Salaries and Wages	Gross Value of Pro- ducts	Em- ployees	Salaries and Wages	Gross Value of Pro- ducts	Em- ployees	Salaries and Wages	Gross Value of Pro- ducts
Vegetable products.....	-17.2	-28.5	-44.8	+ 9.2	+ 8.8	-15.8	+16.1	+39.1	+ 46.4
Animal products.....	-21.5	-25.2	-43.3	+ 2.5	+ 9.9	- 3.3	+ 25.5	+ 51.9	+ 86.4
Textile products.....	- 7.9	-23.3	-30.7	+16.5	+12.8	- 2.6	+ 36.7	+ 73.4	+102.0
Wood and paper products..	-36.1	-46.8	-52.9	-12.0	-14.0	-20.0	+ 28.5	+ 52.6	+ 66.0
Iron and its products.....	-48.6	-64.5	-72.6	-15.2	-22.2	-30.0	+198.1	+303.2	+281.7
Non-ferrous metals.....	-36.6	-48.4	-41.9	+11.8	+ 9.5	+46.7	+ 104.1	+145.8	+116.7
Non-metallic minerals....	-42.0	-50.5	-42.8	-21.3	-22.8	- 9.4	+ 33.4	+ 62.0	+ 72.0
Chemicals.....	- 7.8	-17.2	-33.0	+35.3	+39.4	+15.2	+311.7	+325.6	+214.4
Miscellaneous products....	-22.6	-37.3	-52.9	+13.9	+ 4.7	-15.3	+ 83.0	+108.5	+124.5
Averages, All Industries.	-29.7	-43.9	-49.7	- 1.3	- 5.1	-10.5	+ 75.1	+128.1	+117.4

Detailed Statistics by Groups and Individual Industries.—Table 9 presents for the year 1942 detailed statistics regarding the individual industries under which all industrial plants in the Dominion are classified. The industries are further assembled under nine main groups according to the principal component material of their products.

The incidence of the War resulted in a re-arrangement in the rank of many industries. Industries producing supplies and equipment for the Armed Forces naturally advanced while those industries producing for the domestic consumers' market declined in importance. To supply the raw materials needed by the industries engaged principally in war production, it became necessary to restrict or prohibit the manufacture of many products such as pleasure cars, radios, washing

Concluded on page 24

9.—Statistics of the Numbers, Capital, Employees, Salaries and Wages, Power, Fuel,

Industry and Group	Establishments	Capital Employed	Employees on Salaries		
			Male	Female	Salaries
	No.	\$	No.	No.	\$
PROVINCE					
1 Prince Edward Island.....	243	3,367,368	265	55	265,644
2 Nova Scotia.....	1,332	152,668,789	2,872	842	5,524,306
3 New Brunswick.....	867	105,056,835	2,225	719	4,819,926
4 Quebec.....	9,342	1,883,353,668	40,742	15,870	105,235,246
5 Ontario.....	10,711	2,632,519,471	59,707	30,428	178,196,474
6 Manitoba.....	1,287	175,902,477	4,704	1,682	11,202,563
7 Saskatchewan.....	966	45,013,677	2,046	630	3,763,213
8 Alberta.....	1,115	101,401,133	2,956	970	6,270,680
9 British Columbia.....	1,990	338,649,300	7,593	2,866	19,574,995
10 Yukon and Northwest Territories.....	9	852,827	15	Nil	17,746
Totals.....	27,862	5,488,785,545	123,125	54,062	334,870,793
INDUSTRIAL GROUP					
1 Vegetable products.....	5,985	656,756,413	17,248	6,430	44,184,119
2 Animal products.....	4,392	322,045,016	13,290	4,224	28,176,722
3 Textiles and textile products.....	2,369	464,161,573	12,184	6,582	40,789,938
4 Wood and paper products.....	10,222	1,080,457,129	27,233	8,624	63,637,798
5 Iron and its products.....	1,931	1,446,215,017	26,755	14,317	79,725,037
6 Non-ferrous metal products.....	596	612,513,064	9,408	5,302	29,646,135
7 Non-metallic mineral products.....	782	329,401,312	4,134	1,370	11,596,909
8 Chemicals and allied products.....	928	471,679,779	9,510	5,399	29,269,405
9 Miscellaneous industries.....	657	105,556,242	3,353	1,814	7,844,730
1.—Vegetable Products—					
1 Aerated and mineral waters.....	472	24,214,891	1,091	355	2,714,871
2 Biscuits, confectionery, cocoa, etc.....	202	45,205,955	2,073	753	5,913,593
3 Bread and other bakery products.....	3,023	53,919,647	3,128	1,073	5,432,890
4 Breweries.....	61	72,868,623	1,399	270	4,691,054
5 Distilleries.....	16	42,172,467	436	165	1,509,580
6 Flour and feed mills.....	1,171	62,586,759	1,787	424	3,118,239
7 Foods, breakfast.....	34	6,830,144	132	43	341,978
8 Foods, stock and poultry.....	127	12,535,329	526	218	1,168,551
9 Foods, miscellaneous (including coffee, tea and spices).....	259	39,474,244	1,458	578	3,895,660
10 Fruit and vegetable preparations.....	379	54,798,625	1,146	572	2,957,568
11 Ice cream, cones.....	6	800,221	19	10	39,643
12 Macaroni, vermicelli, etc.....	16	2,734,457	74	22	125,028
13 Meat and meat products.....	11	11,017,685	68	20	235,260
14 Rubber goods, including rubber footwear.....	49	74,464,827	1,570	844	5,250,981
15 Starch and glucose.....	9	7,356,228	131	86	487,345
16 Sugar refineries.....	11	45,232,672	353	106	1,162,006
17 Tobacco, cigars and cigarettes.....	78	71,209,895	1,408	790	3,922,697
18 Tobacco, processing.....	18	15,229,512	188	14	482,534
19 Vegetable oil mills.....	10	3,567,297	49	26	137,858
20 Wine.....	31	9,397,555	198	58	540,171
21 All other industries.....	2	1,139,380	14	3	56,612
Totals, Vegetable Products.....	5,985	656,756,413	17,248	6,430	44,184,119
2.—Animal Products—					
1 Animal oils and fats.....	7	439,993	15	6	45,754
2 Belting, leather.....	17	1,429,509	62	25	178,620
3 Boot and shoe findings, leather.....	19	1,819,872	51	20	166,958
4 Boots and shoes, leather.....	221	35,877,425	1,648	638	4,607,595
5 Butter and cheese.....	2,378	69,084,129	4,941	1,421	7,076,400
6 Cheese, processed.....	20	5,249,145	100	67	262,111
7 Condensed milk.....	26	7,856,038	188	68	464,312
8 Dairy products, other.....	85	3,515,604	146	49	306,336
9 Fish curing and packing.....	493	33,554,131	790	143	1,314,050
10 Fur dressing and dyeing.....	18	2,214,997	116	32	331,877
11 Fur goods.....	484	20,735,757	927	344	2,260,749
12 Gloves and mittens, leather.....	64	3,765,016	205	83	446,331
13 Hair goods, animal and human.....	12	369,171	15	7	47,099
14 Leather tanneries.....	80	28,253,417	365	128	1,289,314
15 Miscellaneous leather goods.....	244	9,658,545	649	244	1,536,640
16 Sausage and sausage casings.....	76	1,434,373	107	20	185,861
17 Slaughtering and meatpacking.....	148	96,787,894	2,965	929	7,656,715
Totals, Animal Products.....	4,392	322,045,016	13,290	4,224	28,176,722

Materials, and Values of Products of Canadian Manufacturing Industries, 1942

Employees on Wages			Power Installed	Cost of Fuel and Electricity	Cost of Materials	Value of Products		
Male	Female	Wages				Net	Gross	
No.	No.	\$	h.p.	\$	\$	\$	\$	
664	277	576,417	4,694	92,489	4,789,315	1,973,540	6,855,344	1
23,823	3,781	35,749,636	187,977	7,121,694	85,193,680	63,615,890	155,931,264	2
15,818	3,420	21,726,880	246,870	5,027,764	64,891,227	53,920,484	123,839,475	3
239,011	103,394	431,093,924	2,127,680	79,983,637	1,193,445,432	1,059,873,943	2,333,303,012	4
338,882	113,941	662,587,231	2,470,748	89,519,107	2,056,746,983	1,671,130,314	3,817,396,404	5
24,771	6,862	40,402,576	198,350	5,449,362	159,248,309	94,856,679	259,554,350	6
6,244	881	8,779,852	71,315	2,114,696	84,208,201	33,933,836	120,256,733	7
12,075	2,396	17,721,933	126,071	3,005,075	117,617,500	57,479,536	178,103,011	8
70,980	8,131	129,207,068	628,077	14,388,469	270,823,072	272,926,065	558,137,606	9
51	2	88,532	208	15,296	139,006	263,471	417,773	10
732,319	242,585	1,347,934,049	6,052,020	206,718,489	4,037,102,725	3,309,973,758	7,553,791,972	
59,553	32,245	100,816,092	405,076	16,148,197	552,791,525	396,956,313	965,896,035	1
50,064	19,460	75,444,275	174,779	8,876,852	649,160,318	203,152,956	861,190,126	2
58,377	88,335	144,941,375	258,688	10,111,617	441,718,052	341,475,081	793,304,750	3
132,018	18,231	188,541,978	2,742,314	44,883,205	428,529,286	458,433,355	961,842,906	4
288,178	31,555	559,605,864	1,148,995	42,437,666	985,960,237	1,084,424,334	2,112,822,307	5
59,652	16,575	117,044,231	656,415	41,441,185	505,122,844	355,005,408	901,569,437	6
23,256	1,947	37,105,971	289,332	25,714,631	191,143,787	141,216,996	358,075,414	7
49,991	28,130	105,076,537	354,314	15,878,463	233,386,894	252,390,766	501,656,123	8
11,230	6,077	19,357,726	32,107	1,226,613	49,292,782	46,918,549	97,437,944	9
4,024	312	5,192,424	5,702	830,378	13,677,437	26,516,703	41,024,518	1
4,267	6,931	9,529,807	25,791	1,065,266	38,428,657	37,375,513	76,869,436	2
16,397	4,923	23,614,347	19,394	3,680,095	49,962,446	50,446,713	104,089,254	3
5,063	136	8,220,049	25,841	1,328,166	17,341,712	55,354,723	74,024,601	4
1,255	756	2,360,667	10,533	890,586	11,805,770	19,432,134	32,128,490	5
4,353	156	5,658,314	132,827	1,671,850	126,374,719	31,417,102	159,463,671	6
354	193	785,300	5,916	200,053	4,267,211	6,018,300	10,485,564	7
1,078	71	1,377,692	13,269	315,881	21,235,318	5,200,126	26,751,325	8
1,606	1,792	3,288,298	11,700	474,557	50,926,649	19,963,168	71,364,374	9
5,152	5,434	8,530,272	24,844	1,179,228	45,135,269	27,254,776	73,569,273	10
36	41	63,959	57	20,369	222,120	32,685	575,194	11
182	164	303,247	1,930	80,195	1,307,627	914,912	2,302,734	12
314	9	551,233	6,688	423,559	7,062,891	3,804,035	11,290,485	13
8,888	4,195	18,162,169	76,968	1,758,607	61,576,546	58,896,249	122,231,402	14
686	50	948,044	4,932	486,204	8,262,258	3,492,804	45,969,711	15
1,701	166	2,610,425	28,438	1,225,955	33,283,971	11,459,785	59,390,032	16
2,227	6,077	6,835,015	3,687	245,155	28,716,426	30,428,451	23,636,618	17
1,237	1,046	1,838,702	962	76,619	19,885,077	3,674,922	9,481,450	18
272	4	320,362	3,431	108,652	7,624,294	1,748,594	6,088,093	19
404	89	540,463	1,341	81,317	3,111,986	2,894,790	2,918,544	20
57	Nil	85,303	825	5,485	2,583,141	329,918		21
59,553	32,245	100,816,092	405,076	16,148,197	552,791,525	396,956,313	965,896,035	
100	1	135,694	831	57,421	417,733	413,399	888,553	1
199	35	272,998	280	15,820	1,275,372	696,418	1,987,610	2
443	201	584,457	3,751	99,526	1,470,661	1,577,269	3,147,456	3
9,222	7,605	15,239,047	8,501	381,470	40,153,136	27,114,358	67,648,973	4
12,026	1,077	15,110,132	50,189	3,361,096	159,940,961	46,846,000	210,148,057	5
223	226	369,355	1,189	43,175	7,677,032	2,683,151	10,403,358	6
859	86	1,152,393	6,916	685,686	20,106,024	5,159,231	25,950,941	7
335	80	457,558	2,792	110,749	2,343,696	2,364,378	4,818,823	8
5,527	2,087	6,347,926	20,805	760,754	37,746,371	20,969,913	59,477,038	9
732	250	1,056,382	2,110	58,351	522,723	2,050,687	2,631,761	10
1,872	1,477	4,177,139	826	116,363	21,388,160	10,642,591	32,147,114	11
830	1,570	1,966,349	408	34,689	4,161,623	3,656,793	7,853,012	12
101	23	109,419	88	5,699	349,407	246,670	601,848	13
3,982	295	5,424,063	17,006	727,026	28,305,807	13,174,067	42,206,900	14
2,061	2,137	3,610,592	2,010	98,647	9,700,719	8,310,282	18,109,648	15
294	65	391,607	644	67,094	3,154,061	900,701	4,121,856	16
11,258	2,245	19,039,164	56,433	2,253,277	310,446,760	56,347,138	369,047,175	17
50,064	19,460	75,444,275	174,779	8,876,852	649,160,318	203,152,956	861,190,126	

9.—Statistics of the Numbers, Capital, Employees, Salaries and Wages, Power, Fuel,

Industry and Group		Establish- ments	Capital Employed	Employees on Salaries		
				Male	Female	Salaries
		No.	\$	No.	No.	\$
3.—Textiles and Textile Products—						
1	Awnings, tents and sails.....	79	3,702,371	195	83	467,530
2	Bags, cotton and jute.....	30	9,541,394	117	63	477,147
3	Batting and wadding.....	5	1,621,554	31	7	120,985
4	Carpets, mats and rugs.....	17	7,507,185	145	62	571,696
5	Clothing, men's factory.....	410	60,449,404	2,827	1,231	8,728,243
6	Clothing, women's factory.....	775	43,536,723	2,742	1,465	8,473,799
7	Clothing contractors, men's.....	101	965,849	157	25	324,466
8	Clothing contractors, women's.....	67	467,561	87	20	163,914
9	Cordage, rope and twine.....	11	13,286,543	98	45	379,221
10	Corsets.....	26	4,769,208	202	278	862,930
11	Cotton and wool waste.....	28	1,913,252	55	27	225,748
12	Cotton textiles, miscellaneous.....	75	4,533,265	197	98	522,870
13	Cotton thread.....	7	4,494,842	127	67	384,896
14	Cotton yarn and cloth.....	40	91,398,489	740	477	3,013,900
15	Dyeing and finishing of textiles.....	42	7,618,643	183	119	747,087
16	Flax, fibre.....	39	2,263,003	57	7	133,926
17	Gloves and mittens, fabric.....	14	706,709	36	17	105,859
18	Hats and caps.....	171	9,677,788	738	310	2,086,778
19	Hosiery and knitted goods.....	186	57,826,720	1,348	936	4,805,713
20	Miscellaneous textiles.....	19	18,312,291	288	148	1,223,122
21	Narrow fabrics, laces, etc.....	36	8,834,378	266	218	965,884
22	Oiled and waterproofed clothing.....	12	2,038,219	52	26	176,766
23	Silk and artificial silk.....	33	50,279,255	642	417	2,513,821
24	Woollen cloth.....	70	30,183,515	497	238	1,965,170
25	Woollen goods, miscellaneous.....	34	13,894,674	154	71	679,213
26	Woollen yarn.....	41	14,165,951	202	126	663,698
27	All other industries.....	1	172,787	1	1	5,562
Totals, Textiles and Products.....		2,369	464,161,573	12,184	6,582	40,789,938
4.—Wood and Paper Products—						
1	Beekeepers' and poultrymen's supplies.....	11	270,143	12	5	18,259
2	Blue printing.....	26	348,501	37	13	101,140
3	Boat building.....	114	2,167,887	149	29	227,353
4	Boxes and bags, paper.....	156	28,893,987	884	502	3,372,050
5	Boxes, wooden.....	164	10,824,207	400	118	980,313
6	Carriages, wagons and sleighs.....	67	877,665	87	7	87,911
7	Coffins and caskets.....	58	4,477,631	173	40	374,244
8	Cooperage.....	64	2,159,861	94	20	156,717
9	Engraving, stereotyping and electrotyping.....	108	9,090,474	533	215	1,708,220
10	Excelsior.....	10	328,455	21	12	46,283
11	Flooring, hardwood.....	22	4,447,455	102	45	279,074
12	Furniture.....	440	32,039,671	1,394	486	3,559,719
13	Lasts, trees and shoe findings.....	16	1,474,567	80	42	202,384
14	Lithographing.....	42	12,695,532	435	244	1,848,660
15	Miscellaneous paper products.....	163	28,370,862	852	533	3,056,762
16	Miscellaneous wooden products.....	183	7,809,935	295	131	708,361
17	Planing mills, sash and door factories.....	857	39,062,511	1,599	401	3,057,000
18	Printing and bookbinding.....	1,363	47,971,764	3,023	1,136	7,569,203
19	Printing and publishing.....	797	56,079,815	5,837	2,673	13,885,956
20	Pulp and paper.....	105	655,598,196	3,872	1,199	13,618,478
21	Refrigerators, other than electric.....	14	716,193	33	14	81,327
22	Roofing paper, etc.....	17	5,526,378	261	121	880,138
23	Sawmills.....	5,277	112,119,272	6,677	490	6,633,177
24	Trade composition.....	39	1,164,842	70	28	190,746
25	Woodenware.....	18	1,153,276	36	11	83,044
26	Wood turning.....	60	3,490,708	125	48	285,865
27	All other industries.....	31	11,297,341	152	61	624,514
Totals, Wood and Paper Products.....		10,222	1,080,457,129	27,233	8,624	63,637,798
5.—Iron and Its Products—						
1	Agricultural implements.....	35	57,405,110	1,039	561	2,935,769
2	Aircraft.....	42	90,527,920	3,376	2,694	9,070,461
3	Automobiles.....	6	143,442,197	2,342	1,035	7,399,803
4	Automobile supplies.....	101	76,029,153	1,375	897	4,756,840
5	Bicycles.....	8	3,711,300	46	22	115,512
6	Boilers, tanks and engines.....	40	20,690,481	696	301	1,975,755
7	Bridge and structural steel.....	22	46,787,155	897	341	3,211,394
8	Castings, iron.....	201	59,342,833	1,229	580	3,647,048
9	Hardware and tools.....	227	54,368,983	1,254	960	4,438,103
10	Heating and cooking apparatus.....	77	20,641,557	634	300	1,830,913
11	Iron and steel products, miscellaneous.....	168	172,190,553	2,851	1,543	7,541,680
12	Machinery.....	255	122,587,591	3,064	1,742	9,350,108
13	Machine shops.....	311	9,735,840	673	182	1,551,908
14	Primary iron and steel.....	61	205,804,671	1,485	826	5,283,722

Materials, and Values of Products of Canadian Manufacturing Industries, 1942—con.

Employees on Wages			Power Installed	Cost of Fuel and Electricity	Cost of Materials	Value of Products		
Male	Female	Wages				Net	Gross	
No.	No.	\$	h.p.	\$	\$	\$	\$	
480	1,045	1,346,836	514	42,606	5,486,641	3,027,584	8,556,831	1
274	880	989,830	1,633	63,274	16,625,355	4,061,244	20,749,873	2
191	56	312,746	1,637	42,574	1,439,852	1,185,914	2,668,340	3
615	531	1,283,207	3,207	124,366	2,969,873	3,406,589	6,500,828	4
8,101	20,754	28,196,289	5,818	460,387	91,469,115	57,633,950	149,563,452	5
5,149	16,972	21,563,758	3,261	307,331	66,344,779	49,526,970	116,179,080	6
893	1,369	2,204,345	245	48,732	196,369	3,010,303	3,255,404	7
157	1,019	1,025,223	124	18,482	63,731	1,468,620	1,550,833	8
881	566	1,864,651	8,338	158,069	8,350,286	5,249,890	13,758,225	9
153	1,681	1,172,425	612	24,741	3,129,641	3,791,090	6,945,472	10
194	178	368,739	1,178	55,592	3,664,104	1,195,848	4,915,544	11
356	1,275	1,249,307	782	32,158	5,648,558	3,102,200	8,782,916	12
187	552	714,786	2,118	89,867	3,172,384	2,919,927	6,182,178	13
14,166	10,413	26,290,527	109,101	3,238,546	80,629,998	58,030,976	141,899,520	14
1,117	274	1,527,628	4,676	467,198	2,799,331	4,830,037	8,096,566	15
874	18	690,088	2,833	46,444	—	3,132,936	3,179,380	16
67	452	315,883	244	8,556	822,759	775,074	1,606,389	17
1,872	2,788	4,558,305	2,641	184,245	10,978,307	10,540,582	21,703,134	18
6,726	14,452	18,616,953	21,354	1,099,213	38,550,016	40,485,197	80,134,426	19
1,242	734	2,323,034	9,156	314,631	12,295,497	8,845,965	21,456,093	20
1,078	1,642	2,686,256	2,197	118,734	9,162,288	7,501,042	16,782,064	21
236	770	967,640	275	23,423	3,171,757	2,079,354	5,274,534	22
5,976	4,053	10,525,758	37,870	1,601,270	18,339,710	28,114,577	48,055,557	23
4,531	3,499	8,830,492	18,918	970,584	32,321,183	22,580,487	55,878,254	24
1,413	417	2,100,787	10,932	257,781	10,699,328	7,080,200	18,037,369	25
1,434	1,936	3,194,725	8,994	310,545	13,156,536	7,737,120	21,204,201	26
14	9	21,155	30	2,268	230,674	155,345	388,287	27
58,377	88,335	144,911,375	258,688	10,111,617	441,718,052	341,475,081	793,304,750	
26	1	26,999	340	5,496	99,958	228,961	334,415	1
81	23	102,023	110	11,119	154,674	422,949	588,742	2
609	17	735,553	2,098	33,424	1,163,850	1,307,209	2,504,483	3
3,960	4,066	8,106,690	11,642	440,335	30,207,892	22,794,700	53,442,927	4
4,696	545	5,200,221	19,361	297,249	10,618,870	10,057,107	20,973,226	5
226	1	232,921	1,403	27,956	413,697	456,317	897,970	6
727	144	858,163	2,342	63,270	1,417,340	1,910,843	3,391,453	7
676	12	788,071	2,674	48,619	2,521,495	1,533,320	4,103,434	8
1,525	562	3,384,372	3,003	121,597	1,595,348	7,632,064	9,349,009	9
116	23	124,575	937	22,226	175,349	279,782	477,357	10
1,199	31	1,246,082	6,355	125,295	3,393,451	2,511,777	6,030,123	11
10,453	890	13,077,213	25,035	705,723	19,352,361	25,592,140	45,650,224	12
414	237	560,160	1,793	35,430	648,897	1,033,351	1,717,678	13
1,496	756	3,090,423	3,994	112,709	5,660,361	8,073,986	13,847,056	14
2,453	2,160	4,993,054	12,229	463,530	24,900,729	18,795,493	44,159,752	15
1,813	571	2,482,419	7,651	216,569	4,642,311	5,409,830	10,268,710	16
9,901	1,016	12,042,283	63,641	817,762	32,584,180	25,201,076	58,603,018	17
7,241	3,551	12,798,562	15,346	600,876	20,227,676	31,686,910	52,515,462	18
8,012	1,497	14,310,077	28,999	889,029	15,827,116	52,259,557	68,975,702	19
32,167	769	56,037,915	2,063,693	36,226,420	135,970,437	165,193,627	337,390,484	20
248	12	305,720	584	14,920	544,139	694,470	1,253,520	21
694	58	1,013,692	3,760	304,455	5,084,968	5,029,804	10,419,227	22
39,747	851	42,928,892	451,399	2,937,877	98,774,251	91,206,949	192,919,077	23
243	6	364,124	130	16,964	72,911	763,564	853,439	24
749	119	694,638	2,656	18,805	884,167	1,018,584	1,921,556	25
1,202	170	1,203,105	5,126	78,628	1,859,428	2,343,438	4,281,494	26
1,344	143	1,834,031	6,013	246,982	9,730,430	4,995,947	14,973,359	27
132,018	18,231	188,541,978	2,742,314	44,883,265	428,526,286	488,433,355	961,842,906	
9,345	908	15,544,002	29,248	1,028,565	17,409,396	26,240,117	44,678,078	1
31,813	7,003	67,263,680	21,023	1,180,589	46,252,255	104,121,754	151,554,598	2
20,795	231	44,882,138	92,186	1,757,047	239,544,621	83,471,013	324,772,681	3
14,915	3,823	32,254,994	66,546	2,052,005	112,061,012	70,386,482	184,499,499	4
581	99	1,388,776	2,354	74,834	1,458,129	1,860,735	3,393,698	5
4,017	113	7,308,589	18,364	462,989	12,039,830	14,953,180	27,455,999	6
7,787	99	15,816,661	34,154	713,367	25,528,769	34,141,433	63,383,569	7
14,559	492	25,024,840	56,561	2,289,356	30,330,276	48,721,977	81,341,609	8
11,134	2,358	20,800,383	29,629	1,160,249	22,757,199	58,390,310	82,307,758	9
4,881	335	7,139,413	11,598	493,002	11,015,944	16,596,309	28,105,255	10
21,646	8,808	53,251,197	112,324	2,447,011	70,135,177	91,716,356	164,298,544	11
20,782	1,766	38,357,465	69,768	1,665,258	52,950,771	104,755,759	159,371,788	12
3,241	147	5,181,453	7,521	235,643	3,178,181	10,785,921	14,199,745	13
30,470	464	55,591,096	226,389	18,734,178	110,551,516	102,820,061	232,105,755	14

9.—Statistics of the Numbers, Capital, Employees, Salaries and Wages, Power, Fuel,

Industry and Group		Establish- ments	Capital Employed	Employees on Salaries		
				Male	Female	Salaries
		No.	\$	No.	No.	\$
5.—Iron and Its Products—concluded						
15	Railway rolling-stock.....	35	124,513,549	1,891	360	5,208,375
16	Sheet metal products.....	185	77,108,793	1,430	754	4,583,543
17	Shipbuilding and repairs.....	79	125,048,259	1,968	900	4,927,282
8	Wire and wire goods.....	78	36,279,072	515	319	1,896,821
Totals, Iron and Its Products...		1,931	1,446,215,017	26,765	14,317	79,725,037
6.—Non-Ferrous Metal Products—						
1	Aluminum products.....	14	17,352,176	301	250	865,879
2	Brass and copper products.....	149	66,282,716	1,325	737	4,202,715
3	Electrical apparatus and supplies.....	225	143,178,182	4,965	3,075	16,152,967
4	Jewellery, silverware, etc.....	127	13,642,114	481	339	1,879,346
5	Miscellaneous non-ferrous metal products.....	25	3,419,004	97	70	388,201
6	Non-ferrous metal smelting and refining.....	16	356,052,965	1,978	647	5,286,755
7	White metal alloys.....	40	12,585,907	261	184	870,272
Totals, Non-Ferrous Metal Products		596	612,513,064	9,408	5,302	29,616,135
7.—Non-Metallic Mineral Products—						
1	Abrasive products.....	15	11,842,400	253	156	1,056,487
2	Asbestos products.....	13	3,732,834	88	31	242,264
3	Cement.....	8	51,121,894	79	10	200,779
4	Cement products.....	141	4,608,470	234	46	481,099
5	Clay products from domestic clay.....	123	17,793,931	227	54	590,545
6	Clay products from imported clay.....	24	5,776,158	130	69	430,861
7	Coke and gas products.....	31	97,882,090	1,050	343	2,445,121
8	Glass products.....	84	20,635,126	383	198	1,311,038
9	Gypsum products.....	9	3,414,258	45	5	94,036
10	Lime.....	48	4,742,066	80	18	161,777
11	Miscellaneous non-metallic mineral products.....	46	13,737,690	199	65	576,843
12	Petroleum products.....	52	84,162,248	1,016	297	3,229,251
13	Salt.....	9	5,687,511	86	48	337,050
14	Sand-lime brick.....	5	357,140	16	1	30,953
15	Stone, monumental and ornamental.....	174	3,907,496	248	29	408,805
Totals, Non-Metallic Mineral Products..		782	329,401,312	4,134	1,370	11,596,909
8.—Chemicals and Allied Products—						
1	Acids, alkalis and salts.....	35	75,169,327	1,222	316	3,534,909
2	Adhesives.....	21	3,523,541	98	44	283,676
3	Coal tar distillation.....	10	4,606,201	74	21	258,818
4	Fertilizers.....	26	19,722,341	261	118	883,412
5	Gases, compressed.....	36	7,130,923	192	216	700,756
6	Inks, printing and writing.....	34	3,115,656	177	68	710,434
7	Medicinal and pharmaceutical preparations.....	200	36,494,104	1,391	1,070	5,010,546
8	Miscellaneous chemical products.....	194	250,666,479	3,580	1,955	9,147,764
9	Paints, pigments and varnishes.....	96	33,675,532	1,179	688	4,112,309
10	Polishes and dressings.....	56	3,825,989	169	98	532,707
11	Soaps, washing compounds, etc.....	126	23,964,341	853	507	2,893,774
12	Toilet preparations.....	88	8,945,144	298	294	1,165,243
13	Wood distillation.....	6	840,201	16	4	35,057
Totals, Chemicals and Allied Products..		928	471,679,779	9,510	5,399	29,269,405
9.—Miscellaneous Industries—						
1	Artificial flowers and feathers.....	26	728,274	52	34	144,163
2	Automobile accessories, fabric.....	9	1,850,245	64	29	249,195
3	Brooms, brushes and mops.....	92	6,132,689	281	130	695,126
4	Buttons.....	27	2,409,739	143	47	334,603
5	Candles.....	12	1,071,578	42	19	121,465
6	Fountain pens and pencils.....	11	2,671,909	130	111	458,105
7	Ice, artificial.....	53	4,816,092	131	47	292,700
8	Jewellery cases and silverware cabinets.....	4	422,364	21	23	73,071
9	Lamps, electric, and lamp shades.....	28	1,031,998	72	31	216,486
10	Mattresses and springs.....	78	10,503,222	371	148	1,225,858
11	Miscellaneous, including carpet sweepers.....	5	171,589	13	5	27,724
12	Motion pictures.....	6	933,413	160	115	485,807
13	Musical instruments.....	22	3,402,074	100	34	234,652
14	Pipes, tobacco.....	6	77,625	8	Nil	11,668
15	Regalia and society emblems.....	12	151,320	15	9	26,081
16	Scientific and professional equipment.....	44	58,897,079	1,139	782	1,616,648
17	Signs, electric, neon and other.....	38	2,549,798	136	36	316,130
18	Sporting goods.....	36	2,762,420	136	58	330,513
19	Stamps and stencils, rubber and metal.....	41	1,056,695	90	42	243,361
20	Statuary, art goods and novelties.....	56	942,500	88	36	208,894
21	Store display accessories.....	8	139,343	19	5	36,190
22	Toys.....	28	895,111	64	27	147,432
23	Typewriter supplies.....	8	1,450,008	57	37	277,408
24	Umbrellas.....	7	489,157	21	9	71,450
Totals, Miscellaneous Industries		657	103,556,242	3,333	1,814	7,814,730
Grand Totals, All Industries		27,862	5,488,785,545	123,125	54,062	334,870,793

Materials, and Values of Products of Canadian Manufacturing Industries, 1942—con.

Employees on Wages			Power Installed	Cost of Fuel and Electricity	Cost of Materials	Value of Products		
Male	Female	Wages				Net	Gross	
No.	No.	\$				\$	\$	
29,049	382	54,125,287	228,393	3,815,534	81,833,797	70,421,288	156,070,617	15
11,303	3,110	19,685,458	27,157	1,144,740	58,883,664	50,413,855	110,442,259	16
46,922	342	87,261,532	94,392	2,359,123	73,325,151	166,453,853	242,138,127	17
4,938	1,105	8,728,900	21,388	824,176	13,704,549	28,173,933	42,702,658	18
288,178	31,585	559,605,864	1,148,995	42,437,666	985,960,237	1,084,424,334	2,112,822,237	
3,114	754	5,515,806	21,692	550,485	13,155,250	12,756,500	26,462,235	1
13,233	2,159	25,066,315	53,606	2,377,308	85,452,694	76,461,348	164,291,350	2
20,554	11,082	45,646,102	102,186	2,249,743	92,799,017	113,824,021	208,872,781	3
2,461	1,436	4,828,234	4,374	160,716	12,491,800	11,597,288	24,249,804	4
525	234	955,606	852	39,308	1,907,811	4,803,873	6,750,992	5
18,352	185	32,053,801	466,421	35,748,639	285,987,513	125,881,047	447,617,199	6
1,413	725	2,978,367	7,284	314,986	13,328,759	9,681,331	23,325,076	7
59,652	16,575	117,044,231	656,415	41,441,185	505,122,844	355,005,408	901,569,437	
2,321	136	4,050,165	11,365	2,469,824	10,245,679	20,915,698	33,631,201	1
644	107	925,697	3,866	179,253	2,392,492	2,529,514	5,101,259	2
1,152	Nil	1,858,558	93,735	3,127,264	2,287,223	10,213,916	15,628,403	3
1,078	10	1,400,140	4,935	252,993	3,458,764	3,603,284	7,315,041	4
2,082	160	2,482,466	21,955	1,292,373	158,866	5,630,484	7,081,723	5
942	255	1,619,377	2,819	386,969	1,170,938	3,839,321	5,397,228	6
3,008	Nil	4,836,782	34,398	4,873,216	27,294,505	23,620,770	55,788,491	7
3,555	1,133	5,913,692	16,357	1,730,697	8,516,737	14,452,568	24,900,002	8
360	2	460,629	4,900	217,007	2,251,434	2,361,521	4,829,962	9
924	Nil	1,150,543	9,054	2,421,292	177,268	3,932,279	6,530,839	10
1,404	58	2,404,734	12,071	969,830	8,859,915	9,688,476	19,518,221	11
4,574	33	8,278,001	58,656	7,078,974	121,924,256	34,713,285	163,716,515	12
509	32	777,524	6,163	536,649	882,599	3,173,755	4,593,003	13
76	Nil	89,086	890	30,318	99,724	173,720	303,762	14
627	21	858,577	8,168	147,972	1,423,387	2,368,405	3,939,764	15
23,256	1,947	37,105,971	289,332	25,714,631	191,143,787	141,216,996	358,075,414	
6,117	187	10,593,301	163,886	7,615,359	23,927,969	33,580,249	65,123,577	1
402	15	558,350	2,126	200,142	2,265,181	2,165,344	4,630,667	2
297	Nil	450,039	953	254,419	3,833,826	2,717,546	6,805,791	3
1,591	3	2,530,310	41,587	1,164,650	13,112,322	6,863,425	21,140,397	4
529	3	833,865	8,766	286,649	1,255,876	6,661,031	8,203,556	5
296	55	511,258	2,125	45,802	2,089,757	2,661,686	4,797,245	6
1,324	1,775	2,989,694	5,288	290,102	16,308,496	25,384,649	41,983,247	7
34,942	24,423	79,037,485	109,017	4,604,986	120,541,882	126,519,004	251,665,872	8
2,309	331	3,618,641	10,985	516,029	24,073,128	21,175,645	45,764,802	9
164	172	323,363	332	28,554	3,177,899	2,884,656	6,091,109	10
1,457	451	2,593,302	7,775	586,716	17,424,418	13,472,991	31,484,125	11
286	715	808,454	1,080	48,474	4,414,438	7,738,533	12,201,445	12
277	Nil	325,475	385	236,581	961,702	566,007	1,764,290	13
49,991	28,130	105,076,537	354,314	15,878,463	233,386,894	252,390,766	501,656,123	
93	478	377,292	42	8,519	450,047	723,398	1,181,964	1
219	306	664,087	923	25,276	3,438,113	1,795,434	5,258,823	2
1,089	533	1,461,697	1,983	67,365	4,204,814	4,689,466	8,961,645	3
517	426	862,969	1,199	49,368	1,364,632	2,251,111	3,665,111	4
76	50	103,942	70	13,790	498,569	520,123	1,032,482	5
213	310	629,337	612	30,518	1,637,555	2,159,273	3,827,346	6
601	21	778,909	11,712	257,447	105,371	2,160,836	2,523,654	7
94	132	210,437	200	8,290	339,143	455,121	802,554	8
233	242	432,576	409	16,018	837,879	1,053,341	1,906,938	9
2,010	477	2,894,714	5,703	183,170	9,554,744	7,500,894	17,238,808	10
25	31	39,633	53	4,787	116,361	123,118	244,266	11
64	26	142,117	86	10,334	880,249	921,612	1,812,195	12
553	52	671,422	1,547	55,670	706,810	1,176,674	1,939,154	13
33	13	35,911	34	1,927	36,682	63,295	101,904	14
15	22	31,292	24	1,539	66,461	103,730	171,730	15
3,745	1,838	7,367,069	4,418	316,923	19,886,531	13,431,629	33,635,083	16
321	17	495,524	330	72,059	469,324	1,936,850	2,478,233	17
414	189	581,980	1,580	39,373	1,347,262	1,263,384	2,650,019	18
213	27	286,934	211	14,021	224,223	927,172	1,165,416	19
228	346	394,155	137	13,116	628,508	933,047	1,574,671	20
47	21	66,571	119	74,576	162,989	162,989	241,542	21
249	338	451,796	312	18,048	826,580	1,097,489	1,942,117	22
148	71	267,262	386	13,673	1,104,621	1,037,669	2,155,963	23
30	111	110,100	17	1,405	494,027	430,894	926,326	24
11,230	6,077	19,357,726	32,107	1,226,613	49,292,782	46,918,549	97,437,941	
732,319	242,585	1,347,934,049	6,062,020	206,718,489	4,037,102,725	3,309,973,758	7,553,794,972	

machines, electrical equipment, household appliances, agricultural implements, etc. Though these industries were forced to change over to war-time production, the changes did not affect the value of their output and consequently their importance as producers of manufactured goods did not alter drastically. To analyse the effects of the War on any industry, it is necessary to compare the nature of the products made before the War with that of the present. This should be borne in mind in making industrial comparisons with pre-war years. For example, the number of employees engaged in the agricultural implements industry increased by 4,996 between 1940 and 1942; this in spite of the fact that the output of agricultural implements remained at about the same level. The increase was due to a change-over of some of the plants to war production. It is therefore impossible to trace industrial trends from the principal statistics alone, as published in this report.

Subsection 2.—Manufactures Classified by the Purpose of the Products

Significant changes have occurred since 1922 in the importance of the various groups shown in the purpose classification. On the basis of percentage to gross value of production, the most striking change is in the food group which showed a substantial decline, from 28.2 p.c. of the total in 1922 to 22.6 p.c. in 1939 and 17.0 p.c. in 1942. The producer materials group, which took the lead from the food group in 1923, showed a steady increase up to 1939, since when it has remained at about 32 p.c. of the total. Due to the production of war equipment, vehicles and vessels have increased from 7.7 p.c. in 1939 to 13.3 p.c. in 1942 and industrial equipment from 15.2 p.c. to 17.4 p.c. The other groups with the exception of "miscellaneous" have shown slight declines during the war years.

10.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups, Significant Years 1922-1942, and in Detail for 1942

Year and Purpose Heading	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
1922	No.	\$	No.	\$	\$	\$
Food.....	8,256	343,867,673	66,815	67,738,707	490,731,438	673,794,031
Drink and Tobacco.....	496	104,047,461	13,402	13,777,986	33,027,203	99,529,819
Clothing.....	659	166,336,319	63,441	59,056,687	117,015,780	221,903,467
Personal utilities.....	936	56,060,262	16,904	17,080,049	21,879,031	57,258,476
House furnishings.....	600	75,168,053	18,032	19,861,883	24,956,960	62,961,050
Books and stationery.....	1,557	82,240,691	28,103	36,920,804	27,190,071	99,118,969
Vehicles and vessels.....	1,154	191,257,804	30,067	37,237,412	87,840,814	160,624,079
Producers materials.....	5,588	1,086,692,015	143,354	147,581,011	316,400,400	666,241,271
Industrial equipment.....	1,740	556,862,578	75,269	89,081,303	160,035,399	338,882,958
Miscellaneous.....	30	4,960,434	869	1,061,388	2,964,354	4,916,418
Totals, 1922.....	21,016	2,667,493,290	456,256	489,397,230	1,282,041,450¹	2,385,230,538¹
1929						
Food.....	8,351	463,984,558	94,707	87,960,036	597,396,233	837,986,384
Drink and tobacco.....	599	201,365,785	18,976	21,670,376	65,440,053	208,968,998
Clothing.....	1,680	223,376,104	93,935	88,914,849	172,726,557	336,452,685
Personal utilities.....	380	56,155,234	11,148	13,595,331	29,389,246	61,191,760
House furnishings.....	600	76,185,921	20,857	23,248,775	34,293,465	77,811,331
Books and stationery.....	1,917	144,222,275	38,141	56,003,183	45,384,362	155,947,960
Vehicles and vessels.....	781	310,042,038	61,835	91,239,185	243,255,350	407,947,048
Producers materials.....	6,227	1,776,758,115	223,071	258,255,079	524,193,104	1,154,908,260
Industrial equipment.....	1,576	719,112,914	99,922	131,820,142	304,581,449	614,827,756
Miscellaneous.....	105	32,789,065	3,939	4,584,261	13,007,989	27,403,344
Totals, 1929.....	22,216	4,004,892,009	666,531	777,291,217	2,029,670,813	3,883,446,116

¹ For the year 1922 the figures for "Cost of Materials" and "Gross Value of Products" include the value placed on intermediate products used in further processes in the chemical group of industries. For this reason these figures differ slightly from those contained in the other tables of this report.

10.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups, Significant Years 1922-1942, and in Detail for 1942—con.

Year and Purpose Heading	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
1933	No.	\$	No.	\$	\$	\$
Food.....	8,759	408,995,499	75,434	68,652,798	313,760,942	492,729,174
Drink and tobacco.....	670	185,612,678	18,289	17,626,141	40,454,300	98,409,638
Clothing.....	1,922	143,382,092	75,363	56,001,234	103,209,050	194,627,734
Personal utilities.....	601	39,681,900	8,938	8,616,372	15,323,848	35,589,961
House furnishings.....	654	66,047,002	15,587	12,887,200	16,022,584	38,684,649
Books and stationery.....	2,170	132,507,101	34,300	42,830,661	28,818,380	103,477,707
Vehicles and vessels.....	479	232,153,543	37,618	35,725,625	56,917,292	120,992,781
Producers materials.....	6,564	1,459,569,284	139,734	126,208,238	252,383,314	573,991,467
Industrial equipment.....	1,819	588,147,285	60,061	64,155,426	133,382,392	277,075,032
Miscellaneous.....	142	23,163,454	3,334	3,544,129	7,516,826	18,497,642
Totals, 1933.....	23,780	3,279,259,838	468,658	436,247,824	967,788,928	1,954,075,785
1937						
Food.....	8,696	441,611,585	96,740	94,656,930	558,118,480	792,271,852
Drink and tobacco.....	668	187,487,631	21,646	24,398,981	68,935,399	152,152,105
Clothing.....	2,158	173,474,299	95,274	79,547,935	148,901,374	271,690,917
Personal utilities.....	634	43,476,516	12,420	12,729,626	28,185,411	55,289,473
House furnishings.....	800	89,293,123	27,446	27,169,931	41,836,387	90,102,397
Books and stationery.....	2,349	137,392,420	40,348	53,453,842	44,257,314	138,673,644
Vehicles and vessels.....	376	248,949,257	55,141	71,890,706	186,070,917	319,280,534
Producers materials.....	6,892	1,482,194,043	208,930	232,733,013	634,232,482	1,221,670,588
Industrial equipment.....	2,086	629,908,231	97,250	119,070,287	280,546,886	551,891,976
Miscellaneous.....	175	31,440,726	5,256	6,075,786	15,842,137	32,436,014
Totals, 1937.....	24,834	3,465,227,831	660,451	721,727,037	2,006,926,787	3,625,459,500
1939						
Food.....	8,529	451,298,489	99,983	101,904,518	526,619,353	784,072,722
Drink and tobacco.....	657	190,313,279	23,489	27,051,038	74,295,571	164,812,439
Clothing.....	2,178	187,495,826	97,220	83,762,588	146,201,614	275,567,762
Personal utilities.....	623	46,866,657	12,623	13,771,704	26,408,179	57,043,684
House furnishings.....	767	93,773,837	27,647	28,417,336	40,528,394	88,800,804
Books and stationery.....	2,452	143,293,147	41,804	56,466,921	47,916,777	144,288,052
Vehicles and vessels.....	364	269,734,181	54,673	72,238,590	141,704,269	266,089,493
Producers materials.....	7,095	1,580,602,852	201,849	229,381,185	559,816,486	1,130,510,177
Industrial equipment.....	1,957	650,305,878	93,235	117,754,260	257,416,596	528,678,421
Miscellaneous.....	183	33,340,303	5,591	7,063,013	15,252,136	34,919,974
Totals, 1939.....	24,805	3,647,024,449	658,114	737,811,153	1,836,159,375	3,474,783,528
1941						
Food.....	8,420	549,342,529	115,206	127,744,973	816,983,921	1,134,805,943
Drink and tobacco.....	688	221,539,178	26,472	33,036,981	96,986,623	201,126,763
Clothing.....	2,301	230,532,584	117,898	116,311,601	235,698,630	415,471,018
Personal utilities.....	651	61,170,967	17,675	20,510,038	42,064,301	85,627,622
House furnishings.....	827	120,765,916	35,583	42,614,722	71,511,798	150,988,355
Books and stationery.....	2,515	154,150,551	45,000	65,523,631	66,324,919	192,686,318
Vehicles and vessels.....	370	436,853,387	117,492	188,325,103	388,382,775	714,510,718
Producers materials.....	7,984	2,076,914,285	295,725	399,181,962	999,572,243	2,002,417,597
Industrial equipment.....	2,324	877,509,129	158,669	232,294,504	520,044,553	1,066,702,761
Miscellaneous.....	213	176,725,440	30,958	39,499,128	58,977,166	121,971,029
Totals, 1941.....	26,293	4,905,503,966	961,178	1,264,862,643	3,296,547,019	6,076,308,121
1942						
Food.....	8,492	567,240,164	119,749	143,710,556	931,767,514	1,287,339,635
Drink and tobacco.....	676	235,092,943	28,998	38,848,227	94,538,408	236,292,352
Clothing.....	2,575	243,759,650	124,316	134,956,209	281,402,163	497,675,551
Personal utilities.....	711	67,082,124	18,203	23,393,832	49,485,895	98,406,172
House furnishings.....	878	124,276,791	36,995	48,351,601	81,952,482	171,793,189
Books and stationery.....	2,538	155,721,790	45,235	67,403,322	68,438,815	190,289,162
Vehicles and vessels.....	400	564,753,604	168,473	306,339,734	505,568,046	1,003,563,576
Producers materials.....	8,769	2,289,297,436	347,559	516,634,897	1,273,159,717	2,477,577,100
Industrial equipment.....	2,584	978,137,068	195,006	311,065,219	616,802,683	1,315,623,021
Miscellaneous.....	239	263,423,975	67,557	92,101,245	133,987,002	275,235,214
Totals, 1942.....	27,862	5,488,785,545	1,152,091	1,652,804,842	4,037,102,725	7,553,794,972

10.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups, Significant Years 1922-42, and in Detail for 1942—concluded

Year and Purpose Heading	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1942—DETAIL						
Food	8,492	567,240,164	119,749	143,710,556	931,767,514	1,287,339,635
Breadstuffs.....	4,465	184,234,248	47,720	55,854,753	230,208,812	367,994,882
Fish.....	493	33,554,131	8,547	7,661,976	37,746,371	59,477,038
Fruit and vegetable prepara- tions.....	379	54,798,625	12,304	11,487,840	45,135,269	73,569,273
Meats.....	224	98,222,267	17,883	27,273,347	313,600,821	373,169,031
Milk products.....	2,509	85,704,916	21,892	25,198,597	190,067,713	251,321,179
Oils and fats.....	7	439,993	122	181,448	417,733	888,553
Sugar.....	11	45,232,672	2,326	3,772,431	33,283,971	45,969,711
Miscellaneous ¹	404	65,053,312	8,955	12,280,164	81,306,824	114,949,968
Drink and Tobacco	676	235,092,943	28,998	38,848,227	94,538,408	236,292,352
Beverages, alcoholic.....	77	115,041,090	9,480	16,781,350	29,147,482	106,153,091
Beverages, non-alcoholic.....	503	33,612,446	6,531	8,987,929	16,789,423	47,112,611
Tobacco.....	96	86,439,407	12,987	13,078,948	48,601,503	83,026,650
Clothing	2,575	243,759,650	124,316	134,956,209	281,402,163	497,675,551
Boots and shoes, leather.....	221	35,877,425	19,113	19,846,642	40,153,136	67,648,974
Fur goods.....	502	22,950,754	5,750	7,826,147	21,910,883	34,778,875
Garments and personal fur- nishings.....	1,379	110,188,745	65,282	72,715,386	161,203,635	277,494,241
Gloves and mittens.....	78	4,471,725	3,260	2,834,422	4,984,382	9,450,404
Hats and caps.....	197	10,406,062	6,365	7,166,538	11,428,354	22,885,098
Knitted goods.....	186	57,826,720	23,462	23,422,666	38,550,016	80,134,426
Waterproofs.....	12	2,038,219	1,084	1,144,408	3,171,757	5,274,534
Personal Utilities	711	67,082,124	18,203	23,393,832	49,485,895	98,406,172
Jewellery and time-pieces.....	131	14,064,478	4,987	6,991,088	12,830,943	25,052,358
Recreational supplies.....	86	7,059,605	2,214	2,417,795	2,880,652	6,531,290
Personal utilities.....	494	45,958,041	11,002	13,984,949	33,774,300	66,822,524
House Furnishings	878	124,276,791	36,995	48,351,601	81,952,482	171,793,189
Books and Stationery	2,538	155,721,790	45,235	67,403,322	68,438,815	190,289,162
Vehicles and Vessels	400	561,753,604	168,473	306,339,734	505,568,046	1,003,563,576
Producers Materials	8,769	2,289,297,436	347,559	516,634,897	1,273,159,717	2,477,577,100
Farm materials.....	26	19,722,341	1,973	3,413,722	13,112,322	21,140,397
Manufacturers materials.....	1,232	1,727,801,391	209,452	334,441,831	935,546,475	1,786,234,019
Building materials.....	6,880	451,596,743	110,863	148,239,706	255,676,356	538,674,142
General materials.....	631	90,176,961	25,271	30,539,638	68,824,564	131,528,542
Industrial Equipment	2,584	978,137,068	195,006	311,065,219	616,802,683	1,315,623,021
Farming Equipment.....	46	57,675,253	11,897	18,525,029	17,509,354	45,012,493
Manufacturing equipment.....	271	124,062,158	28,127	48,470,117	53,599,668	161,089,466
Trading equipment.....	148	10,011,936	2,087	3,060,989	1,978,115	8,564,808
Service equipment.....	364	101,744,727	15,211	19,447,337	39,121,124	82,396,649
Light, heat and power equip- ment.....	370	347,544,644	55,509	90,389,752	255,434,557	458,036,787
General equipment.....	1,385	337,098,350	82,175	131,171,995	249,159,865	560,522,818
Miscellaneous	239	263,423,975	67,557	92,101,245	133,987,002	275,235,214

¹ Includes "infusions."

Subsection 3.—Manufactures Classified by Origin of the Materials

The distinction made between farm materials of Canadian and foreign origin is based on whether the materials are indigenous to Canada rather than on their actual source. Thus, the industries included in the foreign origin classes are those depending upon materials that cannot be grown in Canada, such as tea, coffee, spices, cane sugar, rice, rubber, cotton, etc. Industries included in the Canadian origin classes may be using large quantities of imported materials, however.

The mineral origin group includes, in addition to the non-ferrous metals, so largely produced in Canada, the manufactures of iron and steel, of petroleum, and of other mineral substances, the raw materials for which are very largely imported. Products of mineral origin, with the exception of fuels, are nearly all durable goods. A high standard of living and advanced industrial organization is usually indicated by a relatively large production and consumption of mineral products. During periods of depression when the production of capital goods is curtailed, employment in the industries of the farm group, which produce mainly consumer goods, exceeds that of the mineral group. In 1942 the industries of the mineral group had by far the greatest capital investment, employed the largest number of persons and paid out the highest amount in salaries and wages, the average capital per employee was \$4,980 and average salaries and wages \$1,681. For the industries of the farm origin group the respective averages were \$4,289 and \$1,207.

11.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Material Used, by Main Groups, Significant Years 1924-42

Year and Origin	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1924						
Farm origin.....	8,663	772,791,471	152,488	153,213,763	716,047,892	1,099,279,665
Mineral origin.....	2,806	1,010,517,944	136,837	171,068,497	349,800,585	700,002,097
Forest origin.....	6,873	876,149,932	126,907	147,719,245	245,183,429	544,282,597
Marine origin.....	836	20,304,785	11,157	3,344,348	16,089,332	26,037,962
Wild life origin.....	226	10,837,249	2,944	3,194,213	7,506,169	13,386,266
Mixed origin.....	1,305	204,716,127	57,277	55,927,609	101,563,384	200,718,177
Grand Totals, 1924.....	20,709	2,895,317,508	487,616	531,467,675	1,436,190,791¹	2,581,306,761¹
Farm Origin Group—						
From field crops.....	4,595	525,717,571	89,436	87,789,237	433,443,376	691,513,259
From animal husbandry.....	4,068	247,073,900	63,052	65,424,526	282,604,516	407,766,406
Totals, Farm Origin.....	8,663	772,791,471	152,488	153,213,763	716,047,892	1,099,279,665
Canadian origin.....	8,379	546,231,949	114,514	119,217,657	553,357,883	848,236,237
Foreign origin.....	284	226,559,522	37,974	33,996,106	162,690,009	251,043,428
1929						
Farm origin.....	9,041	969,384,866	181,682	188,306,755	852,606,083	1,396,769,569
Mineral origin.....	3,219	1,550,662,908	218,879	304,027,803	678,683,203	1,392,499,868
Forest origin.....	7,353	1,148,558,242	163,893	191,044,307	313,088,964	722,269,066
Marine origin.....	730	28,644,442	16,367	5,411,855	21,496,859	34,066,260
Wild life origin.....	234	14,338,680	3,767	4,783,323	12,847,817	20,861,039
Mixed origin.....	1,639	293,302,865	81,973	83,717,174	150,947,887	316,080,314
Grand Totals, 1929.....	22,216	4,004,892,009	666,531	777,291,217	2,029,670,813	3,883,446,116
Farm Origin Group—						
From field crops.....	5,191	697,206,163	114,236	115,201,292	496,842,580	889,075,246
From animal husbandry.....	3,850	272,178,703	67,446	73,105,463	355,763,503	507,694,323
Totals, Farm Origin.....	9,041	969,384,866	181,682	188,306,755	852,606,083	1,396,769,569
Canadian origin.....	8,743	708,461,549	134,680	140,340,993	682,056,026	1,106,006,184
Foreign origin.....	298	260,923,317	47,002	47,955,762	170,550,057	290,763,385

¹For the year 1924 the figures for "Cost of Materials" and "Gross Value of Products" include the value placed on intermediate products used in further processes in the chemical group of industries. For this reason these figures differ slightly from those contained in the other tables of this report.

11.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Material Used, by Main Groups, Significant Years 1924-42—continued

Year and Origin	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
1933	No.	\$	No.	\$	\$	\$
Farm origin.....	9,695	844,582,058	158,602	137,711,749	454,882,704	791,956,470
Mineral origin.....	3,539	1,306,641,651	130,565	138,101,092	271,434,337	601,428,003
Forest origin.....	7,796	882,445,602	102,807	99,046,012	133,550,374	335,886,257
Marine origin.....	620	15,532,757	4,064	2,287,385	10,960,289	17,380,323
Wild life origin.....	335	10,507,175	3,498	3,481,885	7,159,079	13,000,927
Mixed origin.....	1,795	219,550,595	69,122	55,619,701	89,802,145	194,423,805
Grand Totals, 1933	23,780	3,279,259,838	468,658	436,247,824	967,788,928	1,954,075,785
Farm Origin Group— From field crops.....	5,746	609,044,529	93,433	81,655,182	263,007,043	494,048,930
From animal husbandry.....	3,949	235,537,529	65,169	56,056,567	191,875,661	297,907,540
Totals, Farm Origin	9,695	844,582,058	158,602	137,711,749	454,882,704	791,956,470
Canadian origin.....	9,373	629,450,643	124,547	107,807,386	365,559,776	620,107,449
Foreign origin.....	322	215,131,415	34,055	29,904,363	89,322,928	171,759,021
1937						
Farm origin.....	10,139	901,539,200	203,908	197,861,819	809,964,706	1,276,249,283
Mineral origin.....	3,384	1,401,562,788	216,959	280,323,383	784,742,328	1,451,202,762
Forest origin.....	8,392	916,530,488	144,597	161,030,221	254,863,829	589,517,795
Marine origin.....	597	18,130,385	5,427	3,354,771	16,318,781	26,088,625
Wild life origin.....	365	13,328,164	4,264	4,452,918	10,761,233	17,658,867
Mixed origin.....	1,957	214,136,806	85,296	74,703,925	130,275,910	264,742,168
Grand Totals, 1937	24,834	3,465,227,831	660,451	721,727,037	2,006,926,787	3,625,459,500
Farm Origin Group— From field crops.....	6,197	635,995,955	118,765	115,999,546	456,791,911	774,683,154
From animal husbandry.....	3,942	265,543,245	85,143	81,862,273	353,172,795	501,566,129
Totals, Farm Origin	10,139	901,539,200	203,908	197,861,819	809,964,706	1,276,249,283
Canadian origin.....	9,326	673,003,567	158,075	152,070,575	659,488,389	1,008,885,353
Foreign origin.....	813	228,535,633	45,833	45,791,244	150,476,317	267,363,930
1939						
Farm origin.....	10,203	952,929,892	220,210	217,724,965	778,250,125	1,289,993,021
Mineral origin.....	3,474	1,498,265,618	210,752	280,054,303	669,728,573	1,321,444,094
Forest origin.....	8,430	951,016,933	142,091	160,798,500	244,944,997	572,335,960
Marine origin.....	523	21,479,200	5,369	3,638,794	18,114,698	28,816,536
Wild life origin.....	384	14,723,743	4,604	5,396,623	11,592,066	19,961,526
Mixed origin.....	1,791	208,609,063	75,088	70,197,968	113,528,916	242,232,391
Grand Totals, 1939	24,805	3,617,024,449	658,114	737,811,153	1,836,159,375	3,474,783,328
Farm Origin Group— From field crops.....	6,096	649,746,486	124,708	126,311,033	410,994,461	759,964,866
From animal husbandry.....	4,107	303,183,406	95,502	91,413,932	367,255,664	530,028,155
Totals, Farm Origin	10,203	952,929,892	220,210	217,724,965	778,250,125	1,289,993,021
Canadian origin.....	9,382	699,345,423	171,460	168,260,771	630,779,223	1,011,294,132
Foreign origin.....	821	253,584,469	48,750	49,464,194	147,470,902	278,698,889
1941						
Farm origin.....	10,210	1,151,045,349	267,547	295,050,079	1,247,465,642	1,926,293,645
Mineral origin.....	3,916	2,372,940,631	411,508	638,248,442	1,434,426,669	2,823,665,763
Forest origin.....	9,310	1,077,236,343	177,024	222,529,714	385,200,200	883,446,906

11.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Material Used, by Main Groups, Significant Years 1924-42—concluded

Year and Origin	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1941—concluded						
Marine origin.....	463	27,534,878	6,826	5,596,785	30,112,828	48,176,091
Wild life origin.....	420	19,535,502	5,502	7,032,772	18,336,407	28,937,615
Mixed origin.....	1,974	257,211,263	92,771	96,404,851	181,005,273	365,788,104
Grand Totals, 1941.....	26,293	4,905,503,966	961,178	1,264,862,643	3,296,547,019	6,076,308,124
Farm Origin Group—						
From field crops.....	6,234	774,642,733	151,090	169,123,298	642,319,060	1,094,375,949
From animal husbandry.....	3,976	376,402,616	116,457	125,926,781	605,146,582	831,917,696
Totals, Farm Origin.....	10,210	1,151,045,349	267,547	295,050,079	1,247,465,642	1,926,293,645
Canadian origin.....	9,395	869,024,235	204,596	223,100,775	1,017,219,181	1,508,170,317
Foreign origin.....	815	282,021,114	62,951	71,949,304	230,246,461	418,123,328
1942						
Farm origin.....	10,406	1,191,225,000	277,751	335,108,000	1,427,517,113	2,215,132,914
Mineral origin.....	4,165	2,889,845,478	580,269	975,331,512	1,918,115,633	3,869,273,611
Forest origin.....	10,114	1,071,366,655	183,271	247,087,184	426,930,938	952,493,897
Marine origin.....	493	33,554,131	8,547	7,661,976	37,746,371	59,477,038
Wild life origin.....	502	22,950,754	5,750	7,826,147	21,910,883	34,778,875
Mixed origin.....	2,182	279,843,527	96,503	109,790,023	204,881,787	422,638,637
Grand Totals, 1942.....	27,862	5,488,785,545	1,152,091	1,682,804,842	4,037,102,725	7,553,794,972
Farm Origin Group—						
From field crops.....	6,336	798,518,291	153,782	188,232,801	687,201,645	1,193,759,193
From animal husbandry.....	4,070	392,706,709	123,969	146,875,199	740,315,468	1,021,373,721
Totals, Farm Origin.....	10,406	1,191,225,000	277,751	335,108,000	1,427,517,113	2,215,132,914
Canadian origin.....	9,561	906,847,142	216,747	257,491,350	1,182,216,572	1,778,693,248
Foreign origin.....	845	284,377,858	61,004	77,616,650	245,300,541	436,439,666

Subsection 4.—Leading Manufacturing Industries

In the following statement, the rank of the ten leading industries in 1942, from the standpoint of gross value of production, is compared with their respective ranks in significant years since 1922.

THE TEN LEADING INDUSTRIES, 1942 COMPARED AS TO RANK, SIGNIFICANT YEARS 1922-42

Industry	Rank in							
	1942	1941	1940	1939	1937	1933	1929	1922
Non-ferrous metal smelting and refining.....	1	1	1	1	1	2	9	—
Slaughtering and meat packing.....	2	3	3	3	3	3	2	3
Pulp and paper.....	3	2	2	2	2	1	1	2
Automobiles.....	4	4	4	5	4	11	4	6
Miscellaneous chemical products.....	5	19	35	38	—	—	—	—
Shipbuilding.....	6	17	32	—	—	—	—	—
Primary iron and steel.....	7	7	10	11	12	31	16	20
Butter and cheese.....	8	5	5	4	6	5	6	5
Electrical apparatus and supplies.....	9	6	7	9	8	16	8	17
Sawmills.....	10	8	6	8	7	14	5	4

A prominent feature of Canadian manufacturing development in recent years has been the rapid growth of non-ferrous metal smelting. This industry, based upon the rich base metal resources of the country, has now taken its place among the leading manufactures along with the industries based upon forest, agricultural and live-stock resources. The incidence of the depression resulted in a re-arrangement in the ranking of many industries; in some cases this has proved to be temporary. Under the impetus of war production, the industries engaged in producing the equipment needed by the Armed Forces, such as shipbuilding, aircraft, automobiles, miscellaneous chemical products, and primary iron and steel, advanced to higher positions.

12.—Principal Statistics of the Forty Leading Industries of Canada, Ranked According to Gross Value of Products, 1941

	Industry	Estab- lish- ments No.	Capital \$	Em- ployees No.	Salaries and Wages \$	Cost of Materials \$	Value of Products	
							Net \$	Gross \$
1	Non-ferrous metal smelting and refining.....	14	309,963,342	16,014	27,482,689	232,814,167	119,736,294	379,322,270
2	Pulp and paper.....	106	678,937,841	37,154	63,677,818	125,437,012	174,554,741	334,428,875
3	Slaughtering and meat packing.....	146	93,740,090	16,260	23,254,484	253,579,825	40,640,082	296,240,415
4	Automobiles.....	10	100,507,806	22,401	44,783,064	201,124,930	77,321,172	279,958,339
5	Butter and cheese.....	2,427	68,466,579	18,922	19,790,679	135,610,642	41,547,206	180,223,633
6	Electrical apparatus and supplies.....	211	128,317,208	33,086	47,210,886	77,466,516	98,433,120	177,903,626
7	Primary iron and steel.....	60	168,750,344	23,735	45,037,095	78,824,366	71,853,642	164,566,392
8	Sawmills.....	4,655	100,982,006	45,104	41,465,433	84,435,483	76,660,254	163,412,292
9	Petroleum products.....	49	82,475,508	5,406	10,326,846	125,982,237	23,384,568	156,635,495
10	Flour and feed mills.....	1,129	59,941,631	6,528	7,898,329	115,939,001	26,615,294	144,171,637
11	Cotton yarn and cloth.....	39	93,362,427	26,375	27,178,142	60,284,679	56,138,488	128,421,012
12	Automobile supplies.....	102	61,183,370	16,138	25,764,272	73,307,685	49,545,058	124,386,867
13	Machinery.....	247	110,809,396	23,376	37,676,055	44,617,850	78,128,639	124,159,341
14	Rubber goods (in- cluding footwear).....	56	71,985,540	17,191	22,792,376	59,340,321	58,088,738	119,137,776
15	Railway rolling-stock.....	34	113,881,540	28,126	46,126,832	63,310,071	51,492,529	118,080,141
16	Clothing, men's factory.....	381	56,927,392	29,461	29,964,768	70,315,334	45,792,745	116,508,885
17	Shipbuilding and re- pairs.....	65	86,873,540	21,240	32,341,826	41,471,884	66,743,303	109,326,883
18	Brass and copper products.....	143	57,892,897	13,190	19,560,353	59,409,859	39,464,025	100,588,991
19	Miscellaneous chem- ical products.....	167	162,561,470	28,557	36,323,006	45,055,413	52,153,800	100,422,223
20	Sheet metal products.....	171	74,787,774	13,750	18,513,912	55,176,062	39,230,070	95,379,236
21	Clothing, women's, factory.....	671	38,646,342	24,545	24,663,722	55,574,273	38,078,934	93,941,949
22	Bread and other bakery products.....	3,034	53,473,380	24,969	25,919,986	44,172,928	44,550,528	92,116,307
23	Aircraft and parts.....	24	56,890,281	26,661	39,942,017	19,937,484	60,780,625	81,367,910
24	Castings, iron.....	203	59,576,792	15,870	24,411,153	31,807,953	43,555,188	77,638,652
25	Hosiery and knitted goods.....	181	58,666,872	24,362	22,423,739	39,128,357	36,977,169	77,122,209
26	Fruit and vegetable preparations.....	377	55,236,970	11,943	10,165,116	45,421,597	29,122,353	75,598,310
27	Biscuits, confection- ery, cocoa and cho- colate.....	204	45,453,147	14,423	14,811,636	37,132,251	36,326,112	74,514,061
28	Miscellaneous food products.....	240	41,268,980	5,126	6,635,062	48,864,582	20,170,255	69,452,785
29	Printing and pub- lishing.....	808	55,945,648	18,543	27,840,741	15,561,811	51,568,864	68,012,018
30	Breweries.....	61	68,360,886	5,932	10,512,805	34,343,935	27,835,011	63,285,393
31	Sugar refining.....	11	43,915,168	2,642	3,834,639	46,067,190	14,847,671	62,402,709
32	Bridge and struc- tural steel.....	22	31,508,621	7,162	12,566,538	20,861,731	36,916,867	58,355,506
33	Hardware and tools.....	197	49,255,871	11,902	46,948,576	17,176,637	41,494,144	59,552,315
34	Boots and shoes, leather.....	210	34,243,680	18,841	17,687,326	32,201,024	24,495,456	57,053,251
35	Tobacco, cigars and cigarettes.....	82	66,698,907	9,204	8,999,114	25,597,808	27,900,648	53,722,050
36	Miscellaneous iron and steel products.....	148	70,832,162	13,860	21,536,988	16,581,695	33,650,542	51,500,946
37	Coke and gas pro- ducts.....	31	97,894,349	4,290	6,532,103	23,907,878	22,349,252	50,818,720
38	Acids, alkalies and salts.....	32	61,329,966	6,482	11,169,284	17,108,347	27,299,494	50,109,348
39	Printing and book- binding.....	1,337	46,901,993	15,000	19,441,991	19,387,237	29,354,074	49,330,121
40	Planing mills.....	805	35,436,688	11,980	12,824,402	25,954,103	22,154,949	48,812,469
Totals, Forty Lead- ing Industries.....		18,890	3,759,884,404	715,751	966,035,893	2,629,292,158	1,956,951,904	4,727,981,358
Totals, All Indus- tries.....		26,293	4,905,503,966	961,178	1,264,862,643	3,296,547,019	2,605,119,788	6,076,308,124
Percentages of lead- ing industries to all industries.....		71.8	76.6	74.5	76.4	79.8	75.1	77.8
Primary textiles.....		497	272,104,702	80,470	81,727,935	182,999,395	158,695,863	349,205,210

¹ On a broader classification basis, the primary textile industry, which includes the production of cottons, woollens, silk, hosiery and knitted goods, and the dyeing and finishing of textiles, ranks first in number of employees and salaries and wages paid and second in gross value of production.

13.—Principal Statistics of the Forty Leading Industries of Canada, Ranked According to Gross Value of Products, 1942

	Industry	Estab- lish- ments No.	Capital \$	Em- ployees No.	Salaries and Wages \$	Cost of Materials \$	Value of Products	
							Net \$	Gross \$
1	Non-ferrous metal smelting and refining.....	16	356,052,965	21,162	37,340,556	285,987,513	125,881,047	447,617,199
2	Slaughtering and meat packing.....	148	96,787,894	17,397	26,695,879	310,446,760	56,347,138	369,047,175
3	Pulp and paper.....	105	655,598,196	38,007	69,656,393	135,970,437	165,193,627	337,390,484
4	Automobiles.....	6	143,442,197	24,403	52,281,941	239,544,621	83,471,013	324,772,681
5	Miscellaneous chemical products.....	194	250,666,479	64,900	88,185,249	120,541,882	126,519,004	251,665,872
6	Shipbuilding.....	79	125,048,259	50,132	92,188,814	73,325,151	166,453,853	242,138,127
7	Primary iron and steel.....	61	205,804,671	33,245	60,874,818	110,551,516	102,820,061	232,105,755
8	Butter and cheese.....	2,378	69,084,129	19,465	22,186,532	159,940,961	46,846,000	210,148,057
9	Electrical apparatus and supplies.....	225	143,178,182	39,676	61,799,069	92,799,017	113,824,021	208,872,781
10	Sawmills.....	5,277	112,119,272	47,765	49,562,069	98,774,251	91,206,949	192,919,077
11	Automobile supplies.....	101	76,029,153	21,010	37,011,834	112,061,012	70,386,482	184,499,499
12	Iron and steel products, miscellaneous.....	168	172,190,553	34,848	60,792,877	70,135,177	91,716,356	164,298,544
13	Brass and copper products.....	149	66,282,716	17,454	29,269,030	85,452,694	76,461,348	164,291,350
14	Petroleum products.....	52	84,162,248	5,920	11,507,252	121,924,256	34,713,285	163,716,515
15	Flour and feed mills.....	1,171	62,586,759	6,720	8,776,553	126,374,719	31,417,102	159,463,671
16	Machinery.....	255	122,587,591	27,354	47,707,873	52,950,771	104,755,759	159,371,783
17	Railway rolling-stock.....	35	124,513,549	31,682	59,333,662	81,833,797	70,421,286	156,070,617
18	Aircraft and parts.....	42	90,527,920	44,886	76,334,141	46,252,255	104,121,754	151,554,598
19	Clothing, men's factory.....	410	60,449,404	32,913	36,924,532	91,469,115	57,633,950	149,563,452
20	Cotton yarn and cloth.....	40	91,398,489	25,796	29,304,427	80,629,998	58,030,976	141,899,520
21	Rubber goods, (incl. rubber footwear).....	49	74,464,827	15,497	23,413,150	61,576,546	58,896,249	122,231,402
22	Clothing, women's factory.....	775	43,536,723	26,328	30,037,557	66,344,779	49,526,972	116,179,080
23	Sheet metal products.....	185	77,108,793	16,597	24,269,001	58,883,664	50,413,855	110,442,259
24	Bread and other bakery products.....	3,023	53,919,647	25,521	29,047,237	49,962,446	50,446,713	104,089,254
25	Hardware, tools and cutlery.....	227	54,368,983	15,706	25,238,486	22,757,199	58,390,310	82,307,758
26	Castings, iron.....	201	59,342,833	16,867	28,671,888	30,330,276	48,721,977	81,341,609
27	Hosiery and knitted goods.....	186	57,826,720	23,462	23,422,666	38,550,016	40,485,197	80,134,426
28	Biscuits, confectionery, cocoa, etc.....	202	45,205,955	13,724	15,443,400	38,428,657	37,375,513	76,869,436
29	Breweries.....	61	72,868,623	6,868	12,911,103	17,341,712	55,354,723	74,024,601
30	Fruit and vegetable preparations.....	379	54,798,625	12,304	11,487,840	45,135,269	27,254,776	73,569,273
31	Miscellaneous food products.....	259	39,474,244	5,434	7,183,958	50,926,649	19,963,168	71,364,374
32	Printing and publishing.....	797	56,079,815	18,019	28,196,033	15,827,116	52,259,557	68,975,702
33	Boots and shoes, leather.....	221	35,877,425	19,113	19,846,642	40,153,136	27,114,358	67,648,973
34	Acids, alkalies and salts.....	35	75,169,327	7,842	14,128,210	23,927,969	33,580,249	65,123,577
35	Bridge and structural steel work.....	22	46,787,155	9,117	19,028,055	28,528,769	34,141,433	63,383,569
36	Fish curing and packing.....	493	33,554,131	8,547	7,661,976	37,746,371	20,969,913	59,477,038
37	Tobacco, cigars and cigarettes.....	78	71,209,895	10,502	10,757,712	28,716,426	30,428,451	59,390,032
38	Planing mills, sash and door factories.....	857	39,062,511	12,917	15,100,183	32,584,180	25,201,076	58,603,018
39	Woollen cloth.....	70	30,183,515	8,765	10,795,662	32,321,183	22,586,487	55,878,254
40	Coke and gas products.....	31	97,882,090	4,401	7,281,903	27,294,505	23,620,770	55,788,491
Totals, Forty Leading Industries.....		19,063	4,227,232,463	882,266	1,321,655,863	3,244,302,771	2,541,952,756	5,958,228,888
Totals, All Industries.....		27,862	5,488,785,545	1,152,091	1,682,804,842	4,037,102,725	3,309,973,758	7,553,794,972
Percentages of leading industries to all industries.....		68.4	77.0	76.6	78.5	78.8	76.9	78.8
Primary textiles ¹		581	290,736,917	83,973	93,854,374	217,509,205	185,794,412	411,553,879

¹ On a broader classification basis, the primary textile industry, which includes the production of cottons, woollens, silk, hosiery and knitted goods, and the dyeing and finishing of textiles, ranks first in number of employees and salaries and wages paid and second in gross value of production.

Section 4.—Principal Factors in Manufacturing Production

The subjects treated under this Section, in as much detail as limitations of space permit, include capital, employment, salaries and wages, size of establishments and power and fuel used in manufacturing.

Subsection 1.—Capital Employed

The remarkable increase in capital employed in Canadian manufactures from the beginning of the twentieth century has, of course, run parallel with the rapid growth in industrial operations. From 1900 to 1905 the capital increased from \$446,900,000 to \$833,900,000, and advanced to \$1,958,700,000 in 1915. During this period returns were received from establishments with 5 hands or over, and, while the rise in wholesale prices did not exceed 37 p.c., the capital employed in manufactures increased nearly 340 p.c.

The capital investment in 1942 in all establishments, irrespective of the number of employees, but exclusive of central electric stations, was \$5,489,000,000 as compared with \$2,334,000,000 in 1917, an increase of 135 p.c. while wholesale prices have declined about 16 p.c. in the same period.

14.—Percentage Distribution of Capital Employed in the Manufacturing Industries by Provinces and Industrial Groups, Significant Years, 1917-42

Province or Group	1917	1920	1929	1933	1939	1940	1941	1942
PROVINCE	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
Prince Edward Island.....	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Nova Scotia.....	5.3	4.6	3.0	2.8	2.8	2.7	2.5	2.8
New Brunswick.....	2.6	3.5	2.3	2.7	2.5	2.3	2.0	1.9
Quebec.....	28.4	30.1	31.1	31.6	32.4	32.9	34.7	34.3
Ontario.....	49.6	50.1	49.6	48.4	48.3	48.5	47.6	48.0
Manitoba.....	3.6	3.2	3.0	3.1	3.3	3.2	3.3	3.2
Saskatchewan.....	1.0	0.8	1.1	1.2	1.0	1.0	1.0	0.8
Alberta.....	2.1	1.6	2.0	2.1	2.0	1.9	1.9	1.8
British Columbia and Yukon.....	7.3	6.0	7.8	8.0	7.6	7.4	6.9	7.1
Totals.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
INDUSTRIAL GROUP								
Vegetable products.....	12.0	13.7	14.5	15.9	14.8	14.3	12.9	12.0
Animal products.....	8.9	7.6	6.1	6.2	6.9	6.4	6.2	5.9
Textiles and textile products.....	8.2	10.4	9.0	9.1	9.5	9.6	9.0	8.4
Wood and paper products.....	23.0	26.5	28.8	27.2	26.4	25.0	22.1	19.7
Iron and its products.....	29.8	24.8	20.6	18.8	19.1	20.4	23.2	26.3
Non-ferrous metal products.....	3.0	3.7	7.5	8.1	9.5	10.4	11.1	11.2
Non-metallic mineral products.....	6.2	7.4	7.9	9.0	8.0	7.6	6.7	6.0
Chemicals and allied products.....	7.5	4.2	4.1	4.7	4.7	5.2	7.3	8.6
Miscellaneous industries.....	1.4	1.7	1.5	1.0	1.1	1.1	1.5	1.9

15.—Forms of Capital Employed in the Manufacturing Industries, by Provinces and Industrial Groups, 1942, with Totals for Significant Years, 1924-41

Year, Province or Group	Estab- lish- ments	Fixed Capital	Working Capital		Cash, Bills and Accounts Receivable, Prepaid Expenses, etc.	Total Capital
		Land, Buildings, Fixtures, Machinery, Tools and Other Equipment	Inventory Value of Raw Materials, Stocks in Process, Fuel, and Mis- cellaneous Supplies on Hand	Inventory Value of Finished Products on Hand		
	No.	\$	\$	\$	\$	\$
Totals, 1924	20,709	1,717,122,081	658,360,445		519,834,982	2,895,317,508
Totals, 1926	21,301	1,905,620,436	707,413,136		595,037,625	3,208,071,197
Totals, 1929	22,216	2,356,913,335	867,689,319		780,289,355	4,004,892,009
Totals, 1932	23,102	2,218,729,234	597,939,060		563,807,215	3,380,475,509
Totals, 1933	23,780	2,151,091,557	573,587,617		554,580,664	3,279,259,838
Totals, 1934	24,209	2,109,729,523	598,110,478		541,508,863	3,249,348,864
Totals, 1935	24,034	2,080,221,792	610,814,942		525,366,393	3,216,403,127
Totals, 1936	24,202	2,061,610,260	651,771,457		557,881,814	3,271,263,531
Totals, 1937	24,834	2,126,929,809	757,322,293		580,975,729	3,465,227,831
Totals, 1938	25,200	2,149,402,173	739,226,808		597,054,037	3,485,683,018
Totals, 1939	24,805	2,168,887,084	784,543,558		693,593,807	3,647,024,449
Totals, 1940	25,513	2,266,087,512	992,988,598		836,640,726	4,095,716,836
Totals, 1941	26,293	2,523,213,656	929,051,356	378,109,962	1,075,128,992	4,905,503,966
PROVINCE, 1942						
Prince Edward Island.....	243	1,854,619	409,641	245,451	857,657	3,367,368
Nova Scotia.....	1,332	87,389,664	27,678,233	10,150,567	27,450,325	152,668,789
New Brunswick.....	867	61,300,292	14,835,832	6,847,966	22,072,745	105,056,835
Quebec.....	9,342	966,809,344	366,391,264	132,400,797	417,752,263	1,883,353,668
Ontario.....	10,711	1,231,956,085	567,521,011	188,605,668	644,436,707	2,632,519,471
Manitoba.....	1,287	97,833,043	28,038,301	18,926,683	31,104,450	175,902,477
Saskatchewan.....	966	23,127,435	8,678,082	5,302,371	7,905,789	45,013,677
Alberta.....	1,115	60,509,879	12,206,818	12,160,661	16,523,775	101,401,133
British Columbia.....	1,990	209,651,417	66,266,126	29,529,622	83,202,135	388,649,300
Yukon and Northwest Terri- tories.....	9	394,673	37,868	136,316	283,970	852,827
Totals, 1942	27,862	2,740,826,451	1,092,063,176	404,306,102	1,251,589,816	5,488,785,545
INDUSTRIAL GROUP, 1942						
Vegetable products.....	5,985	287,071,369	130,983,858	82,671,492	156,029,694	656,756,413
Animal products.....	4,392	140,755,514	54,019,764	46,514,650	80,755,088	322,045,016
Textiles and textile products.....	2,369	193,406,055	122,025,374	28,267,726	120,462,418	464,161,573
Wood and paper products.....	10,222	713,696,457	135,620,430	41,199,628	189,940,614	1,080,457,129
Iron and its products.....	1,931	609,505,885	349,767,005	52,657,671	404,284,456	1,446,215,017
Non-ferrous metal products.....	596	317,243,021	129,484,120	27,278,769	138,507,154	612,513,064
Non-metallic mineral products.....	782	211,858,349	44,391,018	31,064,805	42,087,140	329,401,312
Chemicals and allied products.....	928	237,038,677	84,935,557	60,914,512	88,791,033	471,679,779
Miscellaneous industries.....	657	30,251,124	40,836,050	3,736,849	30,732,219	105,556,242

Subsection 2.—Employment in Manufactures

Using a base and taking the percentages of the wage-earners and the total employees in each year, and dividing these percentages into the corresponding volumes of manufacturing production (see p. 15 for the index of volume), tentative conclusions are arrived at regarding the efficiency of production per wage-earner and per employee. These indexes of the efficiency of production are, of course, 19005—3

affected by the changes in the method of computing the number of wage-earners adopted in 1925, and then again in 1931. Inasmuch as the change increased the apparent number of employees between 1925 and 1930, it proportionately decreased the index of the efficiency of production. Comparability exists, however, between the figures prior to 1926 and subsequent to 1930. Table 16 shows only the latter period. Unfortunately, the period covered is rather limited for the purpose in view, but it is suggested that the reader compare these data with the comparable figures for 1917-30 at p. 421 of the 1939 Canada Year Book. Up to the beginning of the War the indexes may be considered as supplying satisfactory evidence of a general gain in volume of production per person employed. With the outbreak of war unemployed skilled workers were first absorbed into industry, with the result that the efficiency of production was slightly bettered. As the War progressed, however, manufacturers were forced more and more, to employ unskilled workers. The decline in the efficiency of production in 1942 may, therefore, be attributed to this cause as well as to absenteeism for various causes.

16.—Salaried Employees and Wage-Earners in Manufacturing Industries, with Volume of Manufacturing Production and Comparative Efficiency of Production, 1931-42

NOTE.—Figures, with qualifications as to comparability, for 1917 to 1930 are published at p. 421 of the 1939 Canada Year Book.

(1935-39=100)

Year	Salaried Employees	Wage-Earners	Total Employees	Percentages Relative to 1935-39		Index Number of Volume of Mfd. Products	Indexes of Efficiency of Production	
				Of Wage-Earners	Of Total Employees		Per Wage-Earner	Per Employee
	No.	No.	No.	p.c.	p.c.	p.c.	p.c.	p.c.
1931.....	91,491	437,149	528,640	85.8	84.9	80.0	93.2	94.2
1932.....	87,050	381,783	468,833	74.9	75.3	67.6	90.3	89.8
1933.....	86,636	382,022	468,658	75.0	75.3	67.7	90.3	89.9
1934.....	92,095	427,717	519,812	83.9	83.5	79.6	94.9	95.3
1935.....	97,930	458,734	556,664	90.0	89.5	87.9	97.7	98.2
1936.....	104,417	489,942	594,359	96.1	95.5	96.2	100.1	100.7
1937.....	115,827	544,624	660,451	106.9	106.1	108.9	101.9	102.6
1938.....	120,559	521,427	642,016	102.3	103.2	100.8	98.5	97.7
1939.....	124,772	533,342	658,114	104.7	105.8	106.3	101.5	100.5
1940.....	135,760	626,484	762,244	122.9	122.5	125.2	101.9	102.2
1941.....	158,944	802,234	961,178	157.4	154.5	155.9	99.0	100.9
1942.....	177,187	974,904	1,152,091	191.3	185.1	179.9	94.0	97.2

Monthly Record of Employment in Manufactures.—Ordinarily, manufacturing employment in Canada reaches its highest point during the summer months. Some of the seasonal industries, such as canning, are most active then, textile industries are preparing winter goods, and industry generally feels the active demand of the agricultural purchasing power resulting from the prospects of the season's harvest. After the setback of 1929, employment in 1930, 1931, 1932 and the first half of 1933 declined steadily, the monthly employment figures in each case being lower than the corresponding month of the previous year. The peak of employment in June, 1929, when 575,693 wage-earners were on the payrolls, was surpassed in September, 1937, with 582,305 wage-earners. With the outbreak of war the improvement in employment became increasingly rapid. A new high record was attained in September, 1942, when 1,014,030 wage-earners were employed, an increase of 80 p.c. over the same month in 1939.

17.—Wage-Earners Employed in the Manufacturing Industries of Canada, by Months and Sex, Significant Years, 1922-42

Month	1922	1929	1933	1937	1939	1940	1941	1942
TOTAL WAGE-EARNERS								
January.....	324,257	502,644	340,027	484,480	490,337	560,093	700,133	892,366
February.....	336,729	519,423	347,777	502,635	496,160	570,169	719,822	914,395
March.....	349,110	536,866	355,888	518,663	503,475	578,317	739,680	930,043
April.....	360,248	555,711	358,759	536,691	509,739	590,221	757,658	946,291
May.....	382,504	574,905	377,659	558,205	530,864	611,678	787,137	967,551
June.....	393,935	575,693	392,196	569,613	531,245	622,561	806,635	985,796
July.....	391,186	573,554	393,464	564,685	529,575	635,124	819,732	997,670
August.....	389,511	567,022	402,249	559,760	543,605	651,923	843,252	1,011,341
September.....	392,423	564,796	410,954	582,305	562,355	675,381	861,774	1,014,030
October.....	385,262	553,338	405,757	564,493	568,564	672,603	859,591	1,005,830
November.....	378,992	527,213	396,384	546,473	563,117	668,883	858,832	1,009,262
December.....	367,724	499,893	380,612	521,565	544,817	652,486	842,848	992,880
MALE								
January.....	243,682	397,459	257,445	380,314	381,997	436,221	549,976	683,455
February.....	253,178	410,865	260,728	392,475	385,955	443,947	564,176	698,435
March.....	263,849	426,713	267,259	406,202	391,623	450,941	579,757	708,845
April.....	274,821	443,569	271,348	422,678	398,982	463,870	597,256	720,285
May.....	294,095	459,733	285,705	440,211	416,963	483,027	621,396	736,499
June.....	304,395	460,294	296,937	450,121	417,975	493,555	636,633	750,012
July.....	304,020	459,051	300,329	448,991	417,987	504,422	646,237	756,047
August.....	301,234	449,721	302,969	440,123	421,895	512,538	654,782	753,663
September.....	298,918	441,510	304,908	449,011	431,509	523,781	662,465	748,193
October.....	291,973	432,576	301,315	438,890	437,220	524,875	661,454	739,884
November.....	286,511	412,114	294,945	425,171	432,920	523,330	659,011	739,471
December.....	277,854	391,903	285,690	408,663	422,538	514,079	649,766	731,647
FEMALE								
January.....	80,575	105,185	82,582	104,166	108,340	123,872	150,157	208,911
February.....	83,551	108,558	87,049	110,160	110,205	126,222	155,646	215,960
March.....	85,261	110,153	88,629	112,461	111,852	127,376	159,923	221,198
April.....	85,427	112,142	87,411	114,013	110,577	126,351	160,402	226,006
May.....	88,409	115,122	91,954	117,994	113,901	128,651	165,741	231,052
June.....	89,540	115,399	95,259	119,492	113,270	129,006	170,002	235,784
July.....	87,166	114,503	93,135	115,694	111,588	130,702	173,495	241,623
August.....	88,277	117,301	99,280	119,637	121,710	139,385	188,470	257,678
September.....	93,605	123,286	106,046	133,294	130,846	151,600	199,309	265,837
October.....	93,289	120,762	104,442	125,603	131,344	147,728	198,137	265,946
November.....	92,481	115,099	101,439	121,302	130,197	145,553	199,821	269,791
December.....	89,870	107,990	94,922	112,902	122,279	138,407	193,082	261,233

Hours Worked by Wage-Earners.—From 1932, the first year for which figures on hours worked per week by wage-earnors are available, to 1942, each firm was required to report the number of hours worked by all its wage-earnors during the month in which the greatest number had been employed, the only exception being the years 1938 and 1939 when one week in a month of normal employment was reported. In 1938 the number of hours worked per week were broken down by sex, and a change was also made in the breakdown of the weekly hours worked. Since 1940 the hours worked per week include overtime while prior to that overtime was excluded. These changes make it impossible to measure accurately the changes in the number of hours worked per week. In any case, the figures in Tables 18 to 21 do not refer to any particular month, since the month of highest employment might be May for one firm and October for another; they represent the summation of the different months of highest employment as reported by all firms. For a given industry, however, the month of highest employment is more significant as in this case it coincides for a great number of firms engaged in the same industry.

For all wage-earnors, the hours worked per week declined from 48.9 in 1932 to 47.2 in 1939, and reached 50.2 in 1942, some of this increase no doubt being due to the inclusion of overtime. Female wage-earnors in 1942 worked an average 4.4 hours per week less than their male co-workers.

18.—Wage-Earners in Manufacturing, Working Specified Numbers of Hours¹ per Week in the Month of Highest Employment, 1938-42

NOTE.—For hours worked per week in 1932-37, see the 1942 edition of the Canada Year Book, p. 386, and in 1940, the 1943-44 edition, page 392.

Hours Worked per Week	All Wage-Earners ¹						Male			Female		
	1938		1939		1941		1938		1939		1941	
	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
30 or less.....	24,073	19,849	36,064	48,714	15,439	12,868	23,635	30,166	8,634	6,981	12,429	18,548
31-43.....	99,125	85,597	77,461	98,200	75,842	64,780	50,969	59,146	23,283	20,817	26,492	39,054
44.....	83,763	81,128	85,040	88,049	59,983	57,667	60,062	58,342	23,780	23,461	24,978	29,707
45-47.....	66,268	64,031	69,844	80,613	47,877	45,703	43,554	47,403	18,391	18,328	26,290	33,210
48.....	121,625	130,506	190,437	244,899	97,287	103,636	149,612	182,783	24,338	26,870	40,825	62,116
49-50.....	62,294	65,822	92,931	105,434	45,981	48,378	63,541	70,870	16,313	17,444	29,390	34,564
51-54.....	39,596	46,165	120,645	147,229	33,744	37,439	90,044	106,657	5,852	8,726	30,601	40,572
55.....	20,575	24,316	55,701	63,702	16,493	19,766	43,431	48,996	4,082	4,550	12,270	14,706
56-64.....	60,755	61,067	187,184	193,297	56,171	56,837	165,242	171,775	4,584	4,230	21,942	21,522
65 or over.....	8,755	8,478	63,913	73,590	8,224	8,036	59,250	67,776	531	442	4,603	5,814
Totals, Wage-Earners.....	586,829	586,959	979,220	1,143,727	457,041	455,110	749,340	843,914	129,788	131,849	229,880	299,813
Average Hours per Week.....	46.7	47.2	50.6	50.2	47.3	48.1	51.5	51.3	44.6	45.2	47.6	46.9

¹ For 1938 and 1939, the hours worked do not include overtime, while for 1941 and 1942 overtime is included.

19.—Wage-Earners Working Specified Weekly Hours¹ in Month of Highest Employment, by Sex, Province and Industrial Group, 1942

Province or Industrial Group	Hours Worked per Week										Total Wage-Earners	Average Hours Worked per Week
	30 or Less	31-43	44	45-47	48	49-50	51-54	55	56-64	65 or Over		
MALE												
Province	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
Prince Edward Island.....	19	35	38	13	90	67	207	26	106	41	642	51.7
Nova Scotia.....	1,105	1,844	1,432	839	4,460	1,350	3,663	1,063	8,847	2,997	27,600	53.2
New Brunswick.....	1,789	1,197	733	597	3,463	1,261	3,571	728	6,538	1,285	20,132	52.7
Quebec.....	8,627	16,024	13,598	10,998	45,614	23,410	39,829	16,993	67,046	33,168	274,707	53.1
Ontario.....	15,202	30,549	22,044	27,130	79,092	35,963	46,277	28,219	75,912	27,184	387,572	50.8
Manitoba.....	766	1,279	3,961	1,393	9,219	2,414	2,533	747	4,591	1,025	27,928	49.7
Saskatchewan.....	333	351	540	289	1,076	514	1,369	262	2,990	432	8,216	52.7
Alberta.....	501	862	1,429	706	2,631	992	3,258	269	3,290	608	14,546	50.9
British Columbia.....	2,791	7,001	14,566	5,835	37,104	4,899	6,149	689	2,424	1,015	82,473	46.7
Yukon and Northwest Territories.....	3	4	1	3	34	Nil	1	Nil	31	21	98	55.2
Totals ²	30,166	59,146	58,342	47,403	182,783	70,870	106,657	48,996	171,775	67,776	843,914	51.3
Industrial Group												
Vegetable products.....	5,775	4,890	3,047	3,354	11,477	6,723	11,515	3,954	17,133	9,754	77,622	51.9
Animal products.....	1,544	2,510	1,743	2,892	3,193	5,526	7,026	2,460	6,151	1,858	34,903	50.7
Textiles and textile products.....	1,547	4,448	6,806	3,935	10,441	14,782	5,994	4,755	8,195	2,522	63,425	49.8
Wood and paper products.....	5,499	9,368	10,384	10,034	36,197	9,734	18,714	11,022	54,029	9,044	174,025	52.2
Iron and its products.....	10,381	26,087	26,911	18,701	71,583	25,384	33,857	18,622	62,561	35,880	329,967	51.6
Non-ferrous metal products.....	1,722	2,917	2,171	3,594	23,282	3,884	8,023	6,098	11,838	4,006	67,585	51.4
Non-metallic mineral products.....	943	2,017	2,428	1,127	6,282	1,614	3,080	831	4,551	1,612	26,502	49.3
Chemicals and allied products.....	2,278	4,164	3,707	2,654	18,794	1,950	14,036	621	6,099	2,573	56,876	49.4
Miscellaneous industries.....	477	728	1,145	1,112	1,534	1,273	4,412	633	1,218	527	13,059	50.0

19.—Wage-Earners Working Specified Weekly Hours¹ in Month of Highest Employment, by Sex, Province and Industrial Group, 1942
—concluded

Province or Industrial Group	Hours Worked per Week										Total Wage- Earners	Average Hours Worked per Week
	30 or Less	31-43	44	45-47	48	49-50	51-54	55	56-64	65 or Over		
FEMALE												
Province	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
Prince Edward Island.....	2	26	Nil	7	43	16	37	5	22	16	174	50-8
Nova Scotia.....	203	487	260	363	473	905	483	388	587	29	4 178	48-5
New Brunswick.....	132	266	203	198	585	658	828	173	291	24	3 358	48-8
Quebec.....	5,749	14,780	10,242	12,452	28,742	14,500	21,998	5,270	7,303	1,911	122,947	47-4
Ontario.....	10,609	20,373	14,048	16,746	25,062	17,181	15,686	8,584	12,129	3,534	143,952	46-7
Manitoba.....	559	1,006	2,063	1,924	1,441	761	858	176	474	32	8,294	48-4
Saskatchewan.....	78	116	92	195	324	57	178	14	85	25	1,164	46-9
Alberta.....	95	337	817	311	947	158	207	43	181	41	3,137	46-4
British Columbia.....	1,121	1,663	1,982	2,014	4,499	328	297	53	447	202	12,606	44-5
Yukon and Northwest Territories.....	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	3	Nil	3	60-0
Totals ²	18,548	39,054	29,707	33,210	62,116	34,564	40,572	14,706	21,522	5,814	299,813	46-9
Industrial Group	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
Vegetable products.....	6,302	7,664	3,758	5,691	7,370	4,925	6,109	1,786	5,120	2,069	50,494	45-9
Animal products.....	982	1,981	1,821	2,506	2,730	3,738	2,724	636	1,233	166	18,517	47-1
Textiles and textile products.....	4,308	13,720	13,977	12,051	21,756	15,504	8,953	4,864	2,896	359	98,388	46-1
Wood and paper products.....	1,775	3,340	3,657	3,384	3,831	1,846	1,596	1,313	1,473	188	22,403	45-4
Iron and its products.....	2,067	4,632	2,021	2,046	13,940	3,866	3,659	3,488	6,876	1,729	44,962	49-3
Non-ferrous metal products.....	865	2,037	1,322	2,486	2,270	2,984	3,488	2,373	2,347	706	20,878	49-3
Non-metallic mineral products.....	133	313	145	266	737	188	338	59	269	57	2,505	47-3
Chemicals and allied products.....	1,685	4,615	1,969	2,874	8,360	1,238	11,532	230	1,102	489	34,094	47-3
Miscellaneous industries.....	431	752	1,037	1,006	1,122	575	2,173	219	206	51	7,572	46-4

¹ Including overtime.

² Exclusive of "dairy factories" and "fish-curing and packing" plants.

20.—Male Wage-Earners in the Forty Leading Industries Working Specified Number of Hours¹ During One Week of the Month of Highest Employment, 1942

NOTE.—Industries ranked according to the annual number of male wage-earners employed.

Industry	Hours Worked per Week										Total Wage-Earners	Average Hours Worked per Week
	30 or Less	31-43	44	45-47	48	49-50	51-54	55	56-64	65 or Over		
	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
1 Shipbuilding and repairs.....	2,460	6,075	8,617	4,021	10,131	4,275	6,863	1,303	7,255	7,239	58,239	50.2
2 Sawmills.....	1,163	1,346	1,137	1,298	15,594	2,132	7,401	2,366	35,182	1,639	69,258	54.7
3 Miscellaneous chemical products.....	1,634	2,722	979	1,249	13,974	1,144	12,012	352	3,687	1,886	39,439	40.6
4 Pulp and paper.....	1,137	1,798	437	1,101	12,778	1,731	3,774	798	7,943	4,077	33,574	52.2
5 Aircraft.....	1,083	1,773	619	828	7,783	2,927	4,122	4,023	5,509	7,555	36,823	54.5
6 Primary iron and steel.....	1,239	3,860	1,835	1,266	8,706	1,645	3,266	906	7,972	634	33,267	50.9
7 Railway rolling stock.....	282	2,563	5,564	1,607	15,110	1,574	1,849	482	1,227	1,227	30,892	47.4
8 Iron and steel products, miscellaneous.....	563	1,146	665	821	8,508	1,127	1,997	1,459	8,179	2,090	26,555	53.1
9 Automobiles.....	904	3,565	4,121	2,161	7,194	1,392	1,558	82	1,515	565	22,657	46.1
10 Machinery.....	610	1,068	1,078	728	1,148	1,773	2,970	2,024	6,952	4,744	23,095	56.1
11 Electrical apparatus and supplies.....	589	928	671	1,220	1,650	1,763	4,230	4,949	4,600	2,170	22,770	53.7
12 Non-ferrous metal smelting and refining.....	408	421	178	945	17,058	1,193	699	63	1,638	279	21,882	48.6
13 Bread and other bakery products.....	601	338	262	298	2,651	1,443	4,681	1,191	5,069	769	17,303	53.2
14 Automobile supplies.....	599	1,149	377	1,063	1,326	2,043	2,838	1,066	4,251	2,293	17,005	53.6
15 Castings, iron.....	299	857	640	1,171	1,250	2,249	2,659	1,082	4,482	1,442	16,131	53.4
16 Cotton yarn and cloth.....	78	154	66	823	3,353	8,643	375	1,143	936	388	15,218	50.5
17 Brass and copper products.....	423	970	617	823	2,802	1,363	1,507	587	4,188	1,008	14,288	52.2
18 Sheet metal products.....	574	874	1,162	862	1,602	1,030	1,339	1,289	3,402	946	13,100	51.7
19 Slaughtering and meat packing.....	685	888	169	887	1,378	1,306	2,534	1,705	3,350	1,010	12,912	52.1
20 Hardware and tools.....	390	521	499	361	389	1,032	1,097	1,577	4,270	1,826	12,378	55.3
21 Furniture.....	393	555	1,033	2,695	741	1,106	1,074	2,674	1,138	232	11,641	49.7
22 Planing mills, sash and door factories.....	460	758	924	903	874	1,152	2,105	1,206	3,184	789	12,355	52.1
23 Agricultural implements.....	242	711	259	2,214	4,859	341	580	347	1,178	196	10,927	48.5
24 Boots and shoes, leather.....	396	650	501	1,230	665	2,355	1,967	784	892	184	9,624	49.2
25 Rubber goods, including footwear.....	385	1,248	228	1,240	2,043	1,240	1,592	506	1,326	283	9,670	49.0
26 Clothing, men's factory.....	156	730	3,963	918	1,563	438	472	96	240	52	8,628	45.4
27 Printing and publishing.....	617	2,009	1,411	1,187	1,829	466	411	52	262	103	8,347	43.7
28 Bridge and structural steel.....	461	666	471	282	1,238	1,689	443	398	2,030	1,434	9,112	52.7
29 Printing and bookbinding.....	357	717	2,945	871	1,331	320	488	177	536	248	7,990	46.3
30 Hosiery and knitted goods.....	205	388	173	563	1,444	1,185	1,043	1,163	789	205	7,158	50.4
31 Acids, alkalis and salts.....	119	486	444	252	3,454	1,35	636	14	1,089	105	6,732	49.2
32 Silk and artificial silk.....	191	466	111	347	893	1,651	645	412	1,022	333	6,071	50.9
33 Fruit and vegetable preparations.....	3,045	1,555	177	455	276	446	923	354	2,776	4,823	14,480	52.2
34 Clothing, women's factory.....	199	1,304	3,559	561	1,129	263	450	77	293	21	5,656	44.7
35 Breweries.....	230	242	676	239	367	317	478	188	1,631	1,174	5,542	54.9
36 Wire and wire goods.....	191	436	157	422	517	559	432	1,047	1,051	372	5,184	51.9
37 Boxes, wooden.....	283	238	99	211	501	399	855	1,064	1,814	328	5,792	53.3
38 Petroleum products.....	67	2,284	1,386	53	772	92	185	37	215	407	5,209	43.0
39 Woolen cloth.....	105	226	80	184	339	565	1,027	732	1,083	448	4,748	53.6
40 Flour and feed mills.....	269	133	73	63	1,333	165	1,712	152	1,593	440	4,843	52.9
Totals, Forty Leading Industries ²	24,148	48,418	46,163	37,461	160,763	55,669	83,909	39,527	145,659	56,778	698,495	49.9
Totals, All Industries ²	30,166	59,146	58,342	47,403	182,783	70,870	106,657	48,996	171,775	67,776	843,914	51.3

¹ Including overtime. ² Figures are exclusive of those for "butter and cheese" and "fish-curing and packing"; these are among the leading industries, but figures are not available.

21.—Female Wage-Earners in the Forty Leading Industries Working Specified Number of Hours¹ During One Week of the Month of Highest Employment, 1942

NOTE.—Industries ranked according to the annual number of female wage-earners employed.

Industry	Hours Worked per Week										Total Wage-Earners	Average Hours Worked per Week
	30 or Less	31-43	44	45-47	48	49-50	51-54	55	56-64	65 or Over		
No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
1 Miscellaneous chemical products.....	1,416	3,569	915	1,944	7,993	1,027	11,265	189	974	459	29,751	46.6
2 Clothing, men's factory.....	732	3,020	6,385	2,803	5,728	1,822	11,489	522	252	51	22,504	45.1
3 Clothing, women's factory.....	866	3,331	3,476	3,321	5,059	1,311	1,365	185	340	3	19,357	44.6
4 Hosiery and knitted goods.....	975	2,025	1,105	2,332	3,066	2,839	1,849	1,190	391	4	13,716	46.3
5 Electrical apparatus and supplies.....	534	1,301	537	1,425	6,966	2,086	3,070	2,106	1,517	450	13,092	50.0
6 Iron and steel products, miscellaneous.....	352	1,449	141	1,208	6,596	2,754	901	2,740	3,241	283	13,665	51.0
7 Cotton yarn and cloth.....	287	422	45	1,799	2,814	5,391	473	1,045	300	99	11,034	49.0
8 Boots and shoes, leather.....	322	715	578	1,090	2,894	2,332	1,350	1,370	495	58	8,094	47.9
9 Aircraft.....	481	838	274	527	2,901	803	1,034	1,239	914	985	10,126	50.4
10 Biscuits, confectionery, cocoa, etc.....	542	966	557	1,089	1,256	1,194	1,003	310	443	22	7,982	46.1
11 Tobacco, cigars, cigarettes, etc.....	201	1,238	850	993	1,056	498	1,510	243	331	1,965	17,102	46.7
12 Fruit and vegetable preparations.....	3,727	2,734	506	993	1,782	853	440	839	286	24	5,035	45.4
13 Bread and other bakery products.....	607	350	493	459	1,882	440	839	224	331	16	6,806	46.1
14 Rubber goods, including footwear.....	310	1,014	277	745	769	801	917	176	317	8	4,830	46.0
15 Boxes and bags, paper.....	313	989	204	452	603	1,334	308	422	102	Nil	4,619	45.9
16 Silk and artificial silk.....	195	999	429	805	314	327	467	180	914	132	4,542	42.0
17 Printing and bookbinding.....	459	607	1,337	615	844	139	204	90	182	65	5,820	49.4
18 Woollen cloth.....	173	404	180	257	321	538	970	422	525	29	3,820	46.8
19 Sheet metal products.....	268	571	362	514	784	461	376	219	441	55	4,051	44.7
20 Hats and caps.....	147	953	427	378	460	262	290	303	102	14	3,973	44.7
21 Hardware and tools.....	165	286	173	251	200	503	286	449	532	95	3,015	47.1
22 Slaughtering and meat packing.....	210	394	90	510	534	386	440	90	311	41	2,806	45.6
23 Miscellaneous paper products.....	157	491	250	429	418	340	199	120	194	8	2,628	49.0
24 Brass and copper products.....	97	233	171	289	600	386	195	133	512	12	2,485	45.6
25 Miscellaneous leather goods.....	109	208	616	526	512	221	176	53	61	95	2,198	48.6
26 Woollen yarn.....	142	269	85	187	237	400	425	117	241	Nil	2,545	49.9
27 Scientific and professional equipment.....	28	88	101	312	339	35	1,629	2	70	9	2,451	49.7
28 Foods, miscellaneous.....	262	585	415	570	262	68	165	45	11	12	2,131	43.5
29 Medicinal and pharmaceutical preparations.....	83	553	623	459	162	42	121	7	69	94	2,380	49.1
30 Machinery.....	138	288	195	173	344	304	280	79	485	Nil	1,811	44.7
31 Corsets.....	59	149	176	834	493	18	144	217	116	3	1,901	49.3
32 Narrow fabrics.....	57	75	71	97	643	247	375	20	29	1	1,707	41.5
33 Gloves and mittens, leather.....	195	92	139	135	369	443	315	20	21	20	1,785	47.2
34 Printing and publishing.....	319	279	429	131	301	127	74	33	290	60	1,683	45.9
35 Fur goods.....	68	446	201	116	235	139	197	14	89	2	1,551	45.2
36 Jewellery and electroplated ware.....	53	135	525	157	322	180	68	11	40	3	1,527	43.6
37 Clothing contractors, men's.....	63	224	367	83	585	71	101	7	45	5	1,447	47.8
38 Cotton textiles, miscellaneous.....	106	339	315	192	370	85	63	55	197	48	2,331	47.1
39 Glass products.....	74	182	88	189	479	44	91	12,733	19,243	5,234	257,791	46.9
Totals, Forty Leading Industries²	15,818	32,814	24,498	27,833	53,083	29,767	36,768	14,706	21,522	5,814	299,813	
Totals, All Industries²	18,548	39,951	29,707	33,210	62,116	31,561	40,572					

¹ Includes overtime.² Figures are exclusive of those for "butter and cheese" and "fish-curing and packing." There are among the leading industries but figures are not available.

Subsection 3.—Salaries and Wages in Canadian Manufacturing Industries

In 1942 the 27,862 establishments covered employed 177,187 salaried employees and 974,904 wage-earners, a total of 1,152,091 persons. Out of every 1,000 persons employed in manufacturing, 154 were classed as salary earners and 846 as wage-earners; the former earned 19.9 p.c. and the latter 80.1 p.c. of the total amount paid out as remuneration for services.

The percentages of salaries are usually relatively high in both Ontario and Quebec as compared with the other provinces. Ontario has a larger proportion of females among its salaried employees than the other provinces. The same situation prevails in Quebec with regard to wage-earners, due, no doubt, to the textile industries of the province. The importance of the textile industries in providing employment to females is strikingly illustrated by the fact that of all female wage-earners engaged in the manufacturing industries of Canada, 36 p.c. were found in the textile group. Normally the percentage is much higher. In 1942 large numbers of female wage-earners were employed in the aircraft and miscellaneous chemical industries. For this reason the percentage employed in the textile industries declined.

The average salary in 1942 amounted to \$1,890 which was \$144 or 8.2 p.c. higher than in 1939. Salaried employees in Ontario with \$1,977 received the highest salary. Quebec came second with \$1,892 and British Columbia third with \$1,872. The head offices of many large corporations being located in Montreal, Toronto, Vancouver and Winnipeg tend to raise the average salaries in the provinces in which these cities are located.

22.—Salaries and Wages Paid in Manufacturing Industries, by Provinces and Industrial Groups, 1942, with Totals for Significant Years, 1917-41

Year, Province or Industrial Group	Salaries				Wages			
	Salaried Employees		Total Salaries	Average Salaries	Wage-Earners		Total Wages	Average Wages
	Male	Female			Male	Female		
	No.	No.	\$	\$	No.	No.	\$	\$
1917	64,918		85,353,667	1,315	541,605		412,448,177	762
1920	78,334		141,837,361	1,811	520,559		575,656,515	1,106
1922	71,586		129,836,831	1,814	384,670		359,560,399	935
1924	54,379	15,641	130,344,822	1,857	322,719	94,871	404,122,853	968
1926 ¹	58,245	17,092	142,353,900	1,890	374,244	109,580	483,328,342	999
1929 ¹	67,731	21,110	175,553,710	1,976	454,768	122,922	601,737,507	1,042
1930 ¹	64,161	20,550	169,992,216	2,007	416,790	113,195	527,563,162	995
1931 ²	71,198	20,293	172,289,695	1,883	337,636	99,513	415,277,895	950
1932	68,264	18,786	151,355,790	1,739	288,817	92,966	322,245,926	844
1933	67,875	18,761	139,317,946	1,608	287,266	94,756	296,929,878	777
1934	71,963	20,132	148,760,126	1,615	326,598	101,119	355,090,929	830
1935	76,213	21,717	160,455,080	1,635	353,799	104,944	399,012,697	870
1936	81,409	23,008	173,198,057	1,659	379,977	109,965	438,873,377	896
1937	91,092	24,735	195,983,475	1,692	427,285	117,339	525,743,562	965
1938	95,270	25,319	207,386,381	1,719	409,172	112,255	498,282,208	956
1939	98,165	26,607	217,839,334	1,746	415,488	117,854	519,971,819	975
1940	104,267	31,493	241,599,761	1,780	491,439	135,045	679,273,104	1,084
1941	117,251	41,693	286,336,861	1,801	626,825	175,409	978,525,782	1,220

¹ The averages of wage-earners and earnings for the years 1931 to 1941 are strictly comparable with those for the years up to 1925 but not with those for the intervening years. The figures for the latest years—as for the earliest—represent the earnings for complete man-years of work, with no allowance for periods of unemployment. The difference amounts only to about 3 or 4 p.c. in the total figures and affects chiefly the seasonal industries.

² The increase in the number of salaried employees in 1931 is due to the following changes in method: (1) Prior to 1931 working proprietors, such as bakers, sawmill operators, small clothing manufacturers, etc., were required to report themselves as wage-earners. In 1931 and subsequent years, however, all such proprietors reported themselves as salaried employees. (2) In 1931 travelling salesmen who were attached to the plant, and devoted all or the greater part of their time to selling the products of that plant, were included with salaried employees. Prior to this they were not reported at all.

22.—Salaries and Wages Paid in Manufacturing Industries, by Provinces and Industrial Groups, 1942, with Totals for Significant Years, 1917-41—concluded

Year, Province or Industrial Group	Salaries				Wages			
	Salaried Employees		Total Salaries	Average Salaries	Wage Earners		Total Wages	Average Wages
	Male	Female			Male	Female		
	No.	No.	\$	\$	No.	No.	\$	\$
PROVINCE, 1942 ²								
Prince Edward Island.....	265	55	265,644	830	664	277	576,417	613
Nova Scotia.....	2,872	842	5,524,306	1,488	23,823	3,781	35,749,636	1,295
New Brunswick.....	2,225	719	4,819,926	1,637	15,818	3,420	21,726,880	1,129
Quebec.....	40,742	15,870	105,235,246	1,892	239,011	103,394	431,093,924	1,259
Ontario.....	59,707	30,428	178,196,474	1,977	338,882	113,941	662,587,231	1,463
Manitoba.....	4,704	1,682	11,202,563	1,754	24,771	6,362	40,402,576	1,298
Saskatchewan.....	2,046	630	3,763,213	1,406	6,244	881	8,779,852	1,232
Alberta.....	2,956	970	6,270,680	1,597	12,075	2,396	17,721,933	1,294
British Columbia.....	7,593	2,866	19,574,995	1,872	70,980	8,131	129,207,068	1,633
Yukon and Northwest Territories.....	15	Nil	17,746	1,183	51	2	88,532	1,670
Totals, 1942..	123,125	54,062	334,870,793	1,890	732,319	242,583	1,347,934,049	1,383
INDUSTRIAL GROUP, 1942 ²								
Vegetable products...	17,248	6,430	44,184,119	1,866	59,553	32,245	100,816,092	1,098
Animal products.....	13,290	4,224	28,176,722	1,609	50,064	19,460	75,444,275	1,085
Textiles and textile products.....	12,184	6,582	40,789,938	1,418	58,377	88,335	144,941,375	989
Wood and paper products.....	27,233	8,624	63,637,798	1,775	132,018	18,231	188,541,978	1,255
Iron and its products...	26,765	14,317	79,725,037	1,941	288,178	31,585	559,605,864	1,750
Non-ferrous metal products.....	9,408	5,302	29,646,135	2,015	59,652	16,575	117,044,231	1,535
Non-metallic mineral products.....	4,134	1,370	11,596,909	2,107	23,256	1,947	37,105,971	1,472
Chemicals and allied products.....	9,510	5,399	29,269,405	1,963	49,991	28,130	105,076,537	1,345
Miscellaneous products	3,353	1,814	7,844,730	1,518	11,230	6,077	19,357,726	1,118

² For a breakdown of annual earnings of wage-earners, by sex, see Table 25.

The average wage in 1942 amounted to \$1,383 which was \$408 or 41.8 p.c. higher than in 1939. Manufacturing industries in British Columbia paid the highest average wages of \$1,633, followed by Ontario with \$1,463, Manitoba \$1,298, Nova Scotia \$1,295, Alberta \$1,294, Quebec \$1,259, etc. The high figures shown for Yukon and the Northwest Territories in regard to average wages are due to the unusual conditions under which industry is carried on in these regions and are not representative. Statistics on the distribution of employees by provinces and groups as well as average annual earnings are given in Table 22, and for a subdivision of wage-earners, by sex, see Table 25.

Average Annual Earnings in the Forty Leading Industries.—In only four industries did the average salary exceed \$2,500 in 1942; breweries, pulp and paper, woollen cloth and bridge and structural steel. In twenty-one they ranged between \$2,000 and \$2,500, in eleven they ranged between \$1,500 and \$2,000 and in the remaining four they were below \$1,500. The lowest salaries were reported by the sawmilling and butter and cheese industries each of which includes a large proportion of small establishments.

The highest wages, those above \$1,800, were paid in four industries, in all of which the proportion of skilled workers is high and the proportion of female workers is low. The automobile industry with \$2,135 was the highest in this group, followed by bridge and structural steel with \$2,007, shipbuilding and repairs \$1,846 and railway rolling-stock \$1,839. In eleven other industries average wages ranged between \$1,600 and \$1,800 in all of which the proportion of female workers is low. In nineteen other industries average wages ranged between \$1,000 and \$1,600, while in the remaining six they were below \$1,000. This last group includes industries made up of a large number of small establishments and in which the proportion of female workers is high. Employment by sex and average annual earnings in the forty leading industries is given in Table 23, and annual earnings by sex in Tables 26 and 27.

23.—Salaries and Wages Paid in the Forty Leading Industries, 1942, with Comparative Figures of Average Salaries and Wages Paid in 1941

NOTE.—Industries ranked according to the aggregate salaries and wages paid. For a subdivision of annual earnings of wage-earners, by sex, see Tables 26 and 27.

Industry	Salaries					Wages				
	Salaried Employees		Total Salaries	Average Salaries		Wage-Earners		Total Wages	Average Wages	
	Male	Female		1942	1941	Male	Female		1942	1941
	No.	No.	\$	\$	\$	No.	No.	\$	\$	\$
1 Shipbuilding and repairs.....	1,968	900	4,927,282	1,718	1,699	46,922	342	87,261,532	1,846	1,510
2 Miscellaneous chemical products.....	3,580	1,955	9,147,764	1,653	1,326	34,942	24,423	79,037,485	1,331	1,263
3 Aircraft.....	3,376	2,694	9,070,461	1,494	1,019	31,813	7,003	67,263,680	1,733	1,598
4 Pulp and paper.....	3,872	1,199	13,618,478	2,686	2,601	32,167	769	56,037,915	1,701	1,577
5 Electrical apparatus and supplies.....	4,965	3,075	16,152,967	2,009	1,998	20,554	11,082	45,646,102	1,443	1,280
6 Primary iron and steel.....	1,485	826	5,283,722	2,286	2,449	30,470	464	55,591,096	1,797	1,855
7 Miscellaneous iron and steel products.....	2,851	1,543	7,541,680	1,716	1,547	21,646	8,808	53,251,197	1,749	1,555
8 Railway rolling-stock.....	1,891	360	5,208,375	2,314	1,928	29,049	382	54,125,287	1,839	1,615
9 Automobiles.....	2,342	1,035	7,399,803	2,191	2,253	20,795	231	44,882,138	2,135	1,963
10 Sawmills.....	6,677	490	6,633,177	926	933	39,747	851	42,928,892	1,057	920
11 Machinery.....	3,064	1,742	9,350,108	1,946	1,890	20,782	1,766	38,357,465	1,701	1,551
12 Non-ferrous metal smelting and refining.....	1,978	647	5,286,755	2,014	2,353	18,352	185	32,053,801	1,729	1,638
13 Automobile supplies.....	1,375	897	4,756,840	2,094	1,978	14,915	3,823	32,254,994	1,721	1,548
14 Clothing, men's factory.....	2,827	1,231	8,728,243	2,151	1,920	8,101	20,754	28,196,289	977	876
15 Clothing, women's factory.....	2,742	1,465	8,473,799	2,014	1,875	5,149	16,972	21,563,758	975	856
16 Cotton yarn and cloth.....	740	477	3,013,900	2,476	2,485	14,166	10,413	26,290,527	1,070	962
17 Brass and copper products.....	1,325	737	4,202,715	2,038	2,061	13,233	2,159	25,066,315	1,629	1,392
18 Bread and other bakery products.....	3,128	1,073	5,432,890	1,293	1,184	16,397	4,923	23,614,347	1,108	1,011
19 Castings, iron.....	1,229	580	3,647,048	2,016	1,955	14,559	499	25,024,840	1,662	1,491
20 Printing and publishing.....	5,837	2,673	13,885,956	1,632	1,567	8,012	1,497	14,310,077	1,505	1,444
21 Slaughtering and meat packing.....	2,965	929	7,656,715	1,966	1,836	11,258	2,245	19,039,164	1,410	1,311
22 Hardware, tools and cutlery.....	1,254	960	4,438,103	2,005	2,014	11,134	2,358	20,800,383	1,542	1,330
23 Sheet metal products.....	1,430	754	4,583,543	2,099	1,956	11,303	3,110	19,685,458	1,366	1,236
24 Hosiery and knitted goods.....	1,348	936	4,805,713	2,104	1,994	6,726	14,452	18,616,953	879	806
25 Rubber goods, incl. rubber footwear.....	1,570	844	5,250,981	2,175	1,877	8,888	4,195	18,162,169	1,388	1,214
26 Butter and cheese.....	4,941	1,421	7,076,400	1,112	1,011	12,026	1,077	15,110,132	1,153	1,063
27 Printing and book-binding.....	3,023	1,136	7,569,203	1,820	1,766	7,241	3,551	12,798,562	1,186	1,110
28 Boots and shoes, leather.....	1,648	638	4,607,595	2,016	1,818	9,222	7,605	15,239,047	906	818
29 Bridge and structural steel.....	897	341	3,211,394	2,594	2,203	7,787	92	15,816,661	2,007	1,664
30 Agricultural implements.....	1,039	561	2,935,769	1,835	1,710	9,345	908	15,544,002	1,516	1,331
31 Furniture.....	1,394	486	3,559,719	1,893	1,846	10,453	890	13,077,213	1,581	1,039
32 Biscuits, confectionery, cocoa, etc.....	2,073	753	5,913,593	2,093	1,888	4,267	6,631	9,529,807	874	799
33 Planing mills, etc.....	1,599	401	3,057,900	1,529	1,496	9,901	1,016	12,042,283	1,103	993
34 Acids, alkalies and salts.....	1,222	316	3,534,909	2,298	2,030	6,117	187	10,593,301	1,680	1,639
35 Silk and artificial silk.....	642	417	2,513,821	2,374	2,266	5,976	4,053	10,525,758	1,050	974
36 Breweries.....	1,399	270	4,691,054	2,811	2,611	5,063	136	8,220,049	1,581	1,441
37 Petroleum products.....	1,016	297	3,229,251	2,465	2,655	4,574	33	8,278,001	1,797	1,728
38 Fruit and vegetable preparations.....	1,146	572	2,957,568	1,722	1,609	5,152	5,434	8,530,272	806	721
39 Boxes and bags, paper.....	884	502	3,372,050	2,433	2,320	3,960	4,066	8,106,690	1,010	938
40 Woolen cloth.....	497	238	1,965,170	2,674	2,444	4,531	3,499	8,830,492	1,100	973
Totals, Forty Leading Industries.....	89,239	38,371	238,692,414	1,870	1,768	596,695	182,884	1,121,304,134	1,438	1,266
Grand Totals, All Industries.....	123,125	54,062	334,870,793	1,890	1,801	732,319	242,585	1,347,934,049	1,383	1,220

Average Annual, Weekly and Hourly Earnings.—In comparing earnings by provinces or groups, consideration should be given to the type of industries in each case since the distribution of industries has very definitely a regional significance. In some industries a labour force possessing deftness and speed or the ability to exercise muscular strength is necessary, in others the labour force must exercise craftsmanship or possess a high degree of technical knowledge. Workers in these latter industries naturally command relatively higher wages than those employed in industries whose employees are routine workers.

The ranking of provinces and industries as regards annual earnings is in many cases different to that of weekly or hourly earnings since the factors of number of weeks worked per year and number of hours worked per week enter into the picture. So that, while in general the same observations apply, a close study of the differences between the averages shown in Tables 22 and 23 will be of value to the student.

Average weekly earnings of male wage-earners for manufacturing as a whole amounted to \$31.75 in 1942, an increase of \$9.52 or 42.8 p.c. as compared with 1939. Average hourly earnings advanced from 46.2 cents in 1939 to 61.9 cents in 1942. Due to an increase of 3.2 hours in the working week, the increase in hourly earnings was only 34 p.c. Annual earnings at \$1,558 were 44.8 p.c. higher.

Female wage-earners received on an average \$17.41 per week in 1942, an increase of \$4.63 or 36.2 p.c. as compared with 1939. Hourly earnings at 37.1 cents were 31.1 p.c. higher, while annual earnings at \$854 were 38 p.c. higher.

24.—Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners, 1934-42

Year	Average Earnings			Hours Worked per Week
	Annual	Weekly	Hourly	
MALE				
	\$	\$	\$	No.
1934	930	20.31	0.407	49.91
1935	966	20.41	0.413	49.41
1936	995	20.92	0.423	49.41
1937	2	2	2	2
1938	1,055	21.49	0.454	47.3
1939	1,076	22.23	0.462	48.1
1940	1,202	24.83	0.488	50.9
1941	1,355	27.72	0.538	51.5
1942	1,558	31.75	0.619	51.3
FEMALE				
1934	539	11.80	0.251	46.91
1935	570	12.04	0.259	46.51
1936	577	12.20	0.262	46.51
1937	2	2	2	2
1938	594	12.10	0.271	44.6
1939	619	12.78	0.283	45.2
1940	655	13.52	0.286	47.3
1941	736	15.05	0.320	47.6
1942	854	17.41	0.371	46.9

¹ Estimated on the basis of hours worked by female wage-earners in 1938 and 1939 as compared with those worked by male wage-earners in those years.

² Not available.

25.—Average Annual, Weekly and Hourly Earnings of Wage-Earners, Classified by Sex, Province and Industrial Group, 1942

Province or Industrial Group	Average Earnings			Hours Worked per Week
	Annual	Weekly	Hourly	
MALE				
	\$	\$	Cents	No.
Prince Edward Island.....	682	17.35	33.5	51.7
Nova Scotia.....	1,377	28.84	52.2	53.2
New Brunswick.....	1,228	24.11	45.7	52.7
Quebec.....	1,463	30.12	56.7	53
Ontario.....	1,646	33.24	65.4	50.8
Manitoba.....	1,436	29.07	58.5	49.7
Saskatchewan.....	1,279	25.94	49.2	52.7
Alberta.....	1,309	26.93	52.9	50.9
British Columbia.....	1,713	35.42	75.8	46.7
Yukon and Northwest Territories.....	1,703	40.74	73.8	55.2
Canada ¹	1,558	31.75	61.9	51.3
Vegetable products.....	1,305	25.81	49.7	51.9
Animal products ¹	1,228	27.29	53.8	50.7
Textiles and textile products.....	1,284	26.07	52.3	49.8
Wood and paper products.....	1,323	26.04	49.9	52.2
Iron and its products.....	1,819	37.71	72.9	51.6
Non-ferrous metal products.....	1,681	33.72	64.2	51.4
Non-metallic mineral products.....	1,522	29.93	60.7	49.3
Chemicals and allied products.....	1,557	30.89	62.6	49.4
Miscellaneous industries.....	1,306	29.26	58.5	50.0
FEMALE				
	\$	\$	Cents	No.
Prince Edward Island.....	422	10.75	21.2	50.8
Nova Scotia.....	779	13.66	28.2	48.5
New Brunswick.....	674	13.26	27.2	48.8
Quebec.....	787	16.22	34.2	47.4
Ontario.....	918	18.59	39.8	46.7
Manitoba.....	757	15.32	33.7	45.4
Saskatchewan.....	895	18.17	38.9	46.9
Alberta.....	801	16.50	35.2	46.4
British Columbia.....	939	19.44	43.7	44.5
Yukon and Northwest Territories.....	723	17.33	28.9	60.0
Canada ¹	854	17.41	37.1	46.9
Vegetable products.....	716	14.15	30.8	45.9
Animal products ¹	715	15.88	33.7	47.1
Textiles and textile products.....	792	16.10	34.9	46.1
Wood and paper products.....	763	15.05	33.1	45.4
Iron and its products.....	1,111	23.06	46.8	49.3
Non-ferrous metal products.....	1,009	20.25	41.1	49.3
Non-metallic mineral products.....	878	17.27	36.2	47.6
Chemicals and allied products.....	968	19.23	40.7	47.3
Miscellaneous industries.....	771	17.29	37.3	46.4

¹ Exclusive of "butter and cheese" and "fish-curing and packing" plants.

26.—The Forty Leading Industries Employing the Greatest Numbers of Male Wage-Earners, Ranked According to the Average Annual, Weekly and Hourly Earnings, 1942

NOTE.—For the rank of these industries as regards the annual employment of male wage-earners, see Table 20.

Industry	Average Weekly Earnings		Average Hourly Earnings		Average Annual Earnings		Average Hours Worked per Week
	Amount	Rank	Amount	Rank	Amount	Rank	
	\$		Cents		\$		
1 Automobiles.....	44.01	1	95.4	1	2,145	1	46.1
2 Aircraft.....	41.43	2	76.0	7	1,858	4	54.5
3 Bridge and structural steel.....	40.77	3	77.4	4	2,020	2	52.7
4 Automobile supplies.....	38.77	4	72.3	11	1,875	3	53.6
5 Iron and steel products, misc.....	38.64	5	72.8	10	1,836	7	53.1
6 Shipbuilding and repairs.....	38.54	6	76.8	5	1,852	5	50.2
7 Railway rolling-stock.....	37.44	7	79.0	3	1,851	6	47.4
8 Machinery.....	37.26	8	66.4	15	1,767	10	56.1
9 Brass and copper products.....	37.21	9	71.3	12	1,724	12	52.2
10 Agricultural implements.....	36.70	10	75.7	8	1,571	23	48.5
11 Primary iron and steel.....	35.07	11	68.9	13	1,806	8	50.9
12 Petroleum products.....	34.26	12	79.9	2	1,801	9	43.0
13 Hardware and tools.....	34.20	13	61.8	24	1,689	15	55.3
14 Clothing, women's factory.....	34.06	14	76.2	6	1,565	24	44.7
15 Castings, iron.....	33.82	15	63.3	22	1,685	16	53.4
16 Electrical apparatus and supplies.....	33.52	16	62.4	23	1,672	17	53.7
17 Pulp and paper.....	33.35	17	63.9	19	1,720	13	52.2
18 Non-ferrous metal smelting and refining.....	33.30	18	68.5	14	1,731	11	48.6
19 Breweries.....	32.99	19	60.1	25	1,600	20	54.9
20 Printing and publishing.....	32.79	20	75.0	9	1,654	18	43.7
21 Acids, alkalies and salts.....	31.98	21	65.0	16	1,699	14	49.2
22 Rubber goods including footwear.....	31.80	22	64.9	17	1,632	19	49.0
23 Miscellaneous chemical products.....	31.47	23	63.4	21	1,572	22	49.6
24 Slaughtering and meat packing.....	31.30	24	60.1	26	1,507	25	52.1
25 Wire and wire goods.....	31.14	25	60.0	27	1,587	21	51.9
26 Sheet metal products.....	30.34	26	58.7	28	1,494	26	51.7
27 Printing and bookbinding.....	29.42	27	63.5	20	1,422	28	46.3
28 Clothing, men's factory.....	29.28	28	64.5	18	1,460	27	45.4
29 Furniture.....	26.23	29	52.8	29	1,187	35	49.7
30 Silk and artificial silk.....	25.75	30	50.6	30	1,252	30	50.9
31 Hosiery and knitted goods.....	24.90	31	49.4	31	1,212	34	50.4
32 Flour and feed mills.....	24.73	32	46.7	33	1,248	31	52.9
33 Bread and other bakery products.....	24.72	33	46.5	34	1,244	32	53.2
34 Woollen cloth.....	24.26	34	45.3	37	1,255	29	53.6
35 Planing mills, sash and door factories.....	24.17	35	46.4	36	1,131	36	52.1
36 Boots and shoes, leather.....	23.64	36	48.0	32	1,083	37	49.2
37 Cotton yarn and cloth.....	23.50	37	46.5	35	1,229	33	50.5
38 Fruit and vegetable preparations.....	22.18	38	42.5	38	991	40	52.2
39 Sawmills.....	21.53	39	39.5	40	1,062	38	54.7
40 Boxes, wooden.....	21.44	40	40.2	39	1,032	39	53.3
Averages, Forty Leading Industries.	32.58	—	65.3	—	1,623	—	49.9
Average, All Industries¹.....	31.75	—	61.9	—	1,558	—	51.3

¹Exclusive of "butter and cheese" and "fish-curing and packing" plants.

27.—The Forty Leading Industries Employing the Greatest Numbers of Female Wage-Earners, Ranked According to the Average Annual, Weekly and Hourly Earnings, 1942

NOTE.—For the rank of these industries as regards the average annual employment of female wage-earners, see Table 21.

Industry	Average Weekly Earnings		Average Hourly Earnings		Average Annual Earnings		Average Hours Worked per Week
	Amount	Rank	Amount	Rank	Amount	Rank	
	\$		Cents		\$		No.
1 Iron and steel products, misc.....	26.28	1	51.5	2	1,248	1	51.0
2 Aircraft.....	26.00	2	51.6	1	1,165	2	50.4
3 Automobile supplies.....	23.15	3	49.2	3	1,119	3	47.1
4 Brass and copper products.....	22.52	4	45.9	4	1,043	4	49.0
5 Scientific and professional equipment.....	22.05	5	44.2	5	885	12	49.9
6 Fur goods.....	20.68	6	43.8	6	903	9	47.2
7 Electrical apparatus and supplies.....	20.39	7	40.8	8	1,017	5	50.0
8 Miscellaneous chemical products.....	19.74	8	42.4	7	986	6	46.6
9 Machinery.....	19.55	9	39.8	10	926	7	49.1
10 Slaughtering and meat packing.....	19.10	10	40.6	9	919	8	47.1
11 Sheet metal products.....	18.26	11	39.0	11	897	10	46.8
12 Woollen cloth.....	17.36	12	35.1	18	897	11	49.4
13 Clothing, women's factory.....	17.33	13	38.9	12	795	19	44.6
14 Glass products.....	17.21	14	36.0	16	867	14	47.8
15 Hardware and tools.....	17.20	15	34.5	21	845	17	49.9
16 Rubber goods incl. footwear.....	16.98	16	37.4	13	870	13	45.4
17 Clothing contractors, men's.....	16.63	17	36.9	14	754	24	45.2
18 Hats and caps.....	16.42	18	36.7	15	768	22	44.7
19 Cotton yarn and cloth.....	16.30	19	33.3	26	852	15	49.0
20 Clothing, men's factory.....	15.84	20	35.1	19	788	20	45.1
21 Narrow fabrics.....	15.73	21	31.9	30	852	16	49.3
22 Jewellery and electro-plated ware.....	15.67	22	34.1	22	816	18	45.9
23 Silk and artificial silk.....	15.44	23	33.6	24	750	25	45.9
24 Medicinal and pharmaceutical preparations.....	15.33	24	35.2	17	730	26	43.5
25 Boxes and bags, paper.....	15.21	25	33.1	27	759	23	46.0
26 Boots and shoes, leather.....	15.04	26	31.4	31	689	33	47.9
27 Hosiery and knitted goods.....	14.97	27	32.3	29	724	28	46.3
28 Miscellaneous paper products.....	14.93	28	32.7	28	726	27	45.6
29 Woollen yarn.....	14.90	29	30.7	32	776	21	48.6
30 Cotton textiles, misc.....	14.75	30	33.8	23	704	30	43.6
31 Printing and bookbinding.....	14.55	31	34.6	20	702	32	42.0
32 Fruit and vegetable preparations.....	14.09	32	30.2	34	629	39	46.7
33 Printing and publishing.....	13.95	33	33.6	25	703	31	41.5
34 Miscellaneous leather goods.....	13.62	34	29.9	35	664	35	45.6
35 Tobacco, cigars, cigarettes, etc.....	13.46	35	29.2	36	705	29	46.1
36 Biscuits, confectionery, cocoa, etc.....	13.28	36	28.7	38	662	36	46.2
37 Gloves and mittens, leather.....	13.22	37	28.8	37	652	38	45.9
38 Foods, miscellaneous.....	12.99	38	30.4	33	679	34	42.7
39 Bread and other bakery products.....	12.97	39	28.1	39	653	37	46.1
40 Corsets.....	11.83	40	26.5	40	602	40	44.7
Average, Forty Leading Industries.....	17.15	—	36.4	—	805	—	47.1
Average, All Industries¹.....	17.41	—	37.1	—	854	—	46.9

¹ Exclusive of "butter and cheese" and "fish-curing and packing" plants.

Real Earnings of Employees in Recent Years.—When the index number representing the average yearly wages is divided by the index number of the cost of living, on the same base, a measure of "real" wages is obtained. Index numbers for 1931 to 1942 are given in Table 28. In 1933, the height of the depression, real wages were 88.3 on the 1935-39 base. From then on they rose steadily and stood at 126.8 in 1942, an increase of about 44 p.c.

28.—Average Yearly Earnings, and Index Numbers of Earnings, Cost of Living and Real Wages of Wage-Earners, in Manufacturing Industries, 1931-42

NOTE.—Figures on the 1917 base, with qualifications as to comparability, for 1917 to 1930 are published at p. 421 of the 1939 Canada Year Book.

Year	Wages Paid	Average Wage-Earners	Average Yearly Earnings	Index Numbers (1935-39=100)		
				Average Yearly Earnings	Cost of Living	Real Value of Average yearly Earnings
	\$	No.	\$			
1931.....	415,277,895	437,149	950	101.9	109.1	93.4
1932.....	322,245,926	381,783	844	90.6	99.0	91.5
1933.....	296,929,878	382,022	777	83.4	94.4	88.3
1934.....	355,090,929	427,717	830	89.1	95.7	93.1
1935.....	399,012,697	458,734	870	93.3	96.2	97.0
1936.....	438,873,377	489,942	896	96.1	98.1	98.0
1937.....	525,743,562	544,624	965	103.5	101.2	102.3
1938.....	498,282,208	521,427	956	102.6	102.2	100.4
1939.....	519,971,819	533,342	975	104.6	101.5	103.1
1940.....	679,273,104	626,484	1,084	116.3	105.6	110.1
1941.....	978,525,782	802,234	1,220	130.9	111.7	117.2
1942.....	1,347,934,049	974,904	1,383	148.4	117.0	126.8

Percentages of Salaries and Wages to Net Value of Products.—Table 29 shows the relation between salaries and wages paid by manufacturers and the total net value of production. Figures of gross production are often used in such calculations, but the values out of which the wages of employees must come in the long run are the values added to the raw materials while they are in the factory. Such added values constitute the real production of the manufacturing plant and are alone available for payment of salaries and wages, interest, rent and taxes, repairs, and all other overhead charges that ordinarily must be met. The percentage declined steadily with the increasing manufacturing production from 1924 to 1929, while from 1931 to 1935 and again in 1938 and 1939, due to decreased industrial activity, the percentage of salaries to value added was above normal. It should be borne in mind, however, that salaried employees increased 153 p.c. during the period 1924-42 while wage-earners increased but 133 p.c. The percentage of wages has fluctuated much less than that of salaries. The number of wage-earning employees may be more rapidly adjusted to the activity of the industry and wage levels likewise may be more readily adjusted to the price levels of the products.

29.—Percentages of Salaries and Wages Paid to the Total Net Values of Manufacturing Production, 1924-42

Year	Value Added by Processes of Manufacture ¹	Salaries Paid	Wages Paid	Percentage		
				of Salaries to Value Added	of Wages to Value Added	of Total Salaries and Wages to Value Added
	\$	\$	\$	p.c.	p.c.	p.c.
1924.....	1,075,458,459	130,344,822	404,122,853	12.1	37.6	49.7
1925.....	1,167,936,726	133,409,498	436,534,944	11.4	37.4	48.8
1926.....	1,305,168,549	142,353,900	483,328,342	10.9	37.0	47.9
1927.....	1,427,649,292	151,419,411	511,285,921	10.6	35.8	46.4
1928.....	1,597,887,676	162,903,007	558,568,627	10.2	35.0	45.2
1929.....	1,755,386,937	175,553,710	601,737,507	10.0	34.3	44.3
1930.....	1,522,737,125	169,992,216	527,563,162	11.2	34.6	45.8
1931.....	1,252,017,248	172,289,095	415,277,895	13.8	33.2	47.0
1932.....	955,960,724	151,355,790	322,245,926	15.8	33.7	49.5
1933.....	919,671,181	139,317,946	296,929,878	15.1	32.3	47.4
1934.....	1,087,301,742	148,760,126	355,090,929	13.7	32.7	46.4
1935.....	1,153,485,104	160,455,080	399,012,697	13.9	34.6	48.5
1936.....	1,289,592,672	173,198,057	438,873,377	13.4	34.0	47.4
1937.....	1,508,924,867	195,983,475	525,743,562	13.0	34.8	47.8
1938.....	1,428,286,778	207,386,381	498,282,208	14.5	34.9	49.4
1939.....	1,531,051,901	217,839,334	519,971,819	14.2	34.0	48.2
1940.....	1,942,471,238	241,599,761	679,273,104	12.0	35.0	47.0
1941.....	2,605,119,788	286,336,861	978,525,782	11.0	37.6	48.6
1942.....	3,309,973,758	334,870,793	1,347,934,049	10.1	40.7	50.8

¹ Equivalent to "net value of products"; see footnote 1, Table 1, p. 7

Subsection 4.—Size of Manufacturing Establishments

The size of the manufacturing establishment is generally measured either by the value of product, or by the number of employees, but each of these methods has its limitations. The latter takes no account of the differences in capital equipment at different times or in various industries and obviously the increased use of machinery, as in the flour-milling industry, may lead to an increase in production concurrently with a decrease in the number of employees. The former measure has to be adjusted for changes in the price level; and, as between industries, it makes those in which the cost of raw materials is relatively high, appear to operate on a larger scale.

Size as measured by Gross Value of Products.—While in 1922 the 420 establishments each producing over \$1,000,000 had an aggregate value of products of \$1,268,056,129 or 51 p.c. of the total production of all manufacturing industries, the 719 establishments producing over \$1,000,000 each in 1929 had an aggregate value of products of \$2,516,064,954, or 62 p.c. of the grand total for all manufacturing establishments—a very significant change in the short period of eight years. In 1931, however, the number of plants with a production of over \$1,000,000 dropped again to 482, their output being valued at \$1,451,658,954, or 53 p.c. of the total. With the increased production resulting from war needs, the number of plants with a production of \$1,000,000 or over jumped to 1,201 in 1942, and their output was about 73 p.c. of the total value of manufactures.

30.—Manufacturing Establishments, Grouped According to Gross Value of Products, with Totals and Average Values of Products in each Class, for Canada, 1929, 1939, 1941 and 1942

Group of Gross Values	1929 ¹			1939 ²		
	Establish- ments	Total Production	Average per Establish- ment	Establish- ments	Total Production	Average per Establish- ment
	No.	\$	\$	No.	\$	\$
Under \$25,000.....	14,024	106,735,470	7,611	15,623	120,903,054	7,738
\$ 25,000 but under \$ 50,000...	2,802	99,529,725	35,521	2,803	99,558,383	35,519
50,000 " 100,000...	2,209	156,308,744	70,760	2,215	156,410,769	70,614
100,000 " 200,000...	1,688	237,532,492	140,718	1,584	225,582,130	142,413
200,000 " 500,000...	1,519	504,218,217	331,941	1,285	390,626,844	303,990
500,000 " 1,000,000...	636	443,597,677	697,481	689	466,441,130	676,983
1,000,000 " 5,000,000...	601	1,217,866,089	2,026,400	520	1,091,293,939	2,098,642
5,000,000 and over.....	118	1,298,198,865	11,001,685	81	923,724,311	11,404,004
Totals and Averages....	23,597	4,063,987,279	172,225	24,800	3,474,540,560	140,102
	1941			1942		
	Establish- ments	Total Production	Average per Establish- ment	Establish- ments	Total Production	Average per Establish- ment
	No.	\$	\$	No.	\$	\$
Under \$25,000.....	14,663	121,460,112	8,283	14,795	122,480,176	8,278
\$ 25,000 but under \$ 50,000...	3,279	116,296,047	35,467	3,747	133,241,883	35,560
50,000 " 100,000...	2,639	187,363,631	70,998	2,972	210,027,304	70,669
100,000 " 200,000...	2,042	290,446,373	142,236	2,256	319,335,510	141,549
200,000 " 500,000...	1,771	557,268,585	314,663	1,993	626,891,411	314,547
500,000 " 1,000,000...	847	588,516,985	694,825	898	638,513,941	711,040
1,000,000 " 5,000,000...	854	1,755,739,034	2,055,901	923	1,886,374,534	2,043,743
5,000,000 and over.....	198	2,459,217,357	12,420,290	278	3,616,930,213	13,010,540
Totals and Averages....	26,293	6,076,308,124	231,100	27,862	7,553,794,972	271,115

¹ Includes the production of central electric stations and the dyeing, cleaning and laundry industry.

² Exclusive of Yukon and Northwest Territories.

Size of Establishment as Measured by Number of Employees.—In 1923, establishments employing 501 hands or over accounted for 21·4 p.c. of the total number of employees engaged in manufacturing. By 1929 the proportion had increased to 27·3 p.c. of the total, thereby showing the increasing concentration of production into larger units. This tendency, however, was checked by the depression, the percentage having dropped in 1933 to 20·5 p.c. (central electric stations included). With the recovery in production since 1933 the percentage has risen again, and in 1939 stood at 25·6. The same also holds true for establishments employing 101 hands or over. In 1923 they employed 58·6 p.c. of the total, in 1929, 61·9 p.c., in 1933, 55·7 p.c., and in 1939, 61·5 p.c.

The impact of the War on the concentration of war industries into large units is illustrated by the increase in the number of establishments employing 500 hands or over. In 1939 such establishments numbered 172 and employed 25·6 p.c. of the total number of employees engaged in manufacturing. By 1942 the number had increased to 359 and the percentage of the total employees to 45·9. In a further subdivision of this last group in 1942, it was found that 217 establishments employed between 500 and 999 persons, 56 employed between 1,000 and 1,499, and 86 employed over 1,500 persons. The largest plant reported the employment of 14,000 persons, with the second largest reporting over 12,000 and the third largest 10,000 persons.

31.—Manufacturing Establishments, Classified by Number of Employees, by Provinces, 1942

Province	Up to 500	500 to 799	800 to 999	1,000 to 1,499	1,500 or Over	Total
Prince Edward Island.....	243	Nil	Nil	Nil	Nil	243
Nova Scotia.....	1,324	4	1	"	3	1,332
New Brunswick.....	859	4	2	2	Nil	867
Quebec.....	9,219	58	13	20	32	9,342
Ontario.....	10,527	85	31	29	39	10,711
Manitoba.....	1,278	2	2	2	3	1,287
Saskatchewan.....	965	1	Nil	Nil	Nil	966
Alberta.....	1,111	3	1	"	"	1,115
British Columbia.....	1,968	9	1	3	9	1,990
Yukon and Northwest Territories.....	9	Nil	Nil	Nil	Nil	9
Totals.....	27,503	166	51	56	86	27,862

32.—Establishments and Employees in Canadian Manufactures, Grouped According to Number of Employees per Establishment, 1929, 1939, 1941 and 1942

Group	1929 ¹			1939 ²		
	Establish- ments	Employees	Average per Estab- lishment	Establish- ments	Employees	Average per Estab- lishment
	No.	No.	No.	No.	No.	No.
Under 5 employees.....	12,273	30,446	2.5	13,002	28,020	2.2
5 to 20 employees.....	6,160	62,310	10.1	6,985	68,151	9.8
21 " 50.....	2,531	81,846	32.3	2,330	75,324	32.3
51 " 100.....	1,262	90,238	71.5	1,158	81,646	70.5
101 " 200.....	745	103,944	139.5	695	97,063	139.7
201 " 500.....	444	136,397	307.2	458	139,687	305.0
501 and over.....	182	189,253	1,040.0	172	168,168	977.7
Totals and Averages..	23,597	694,434	29.4	24,800	658,059	26.5
	1941			1942		
	No.	No.	No.	No.	No.	No.
	No.	No.	No.	No.	No.	No.
Under 5 employees.....	12,908	28,885	2.2	13,622	30,300	2.2
5 to 14 employees.....	6,177	50,872	8.2	6,580	54,895	8.3
15 " 49.....	3,993	108,735	27.2	4,265	115,925	27.2
50 " 99.....	1,436	100,160	69.7	1,520	106,208	69.9
100 " 199.....	863	119,731	138.7	885	123,083	139.1
200 " 499.....	612	185,054	302.4	631	193,072	306.0
500 and over.....	304	367,741	1,209.7	359	528,008	1,472.4
Totals and Averages..	26,293	961,178	36.6	27,862	1,152,091	41.4

¹ Includes central electric stations, dyeing, cleaning and laundry establishments.
Yukon and Northwest Territories.

² Exclusive of

Size of Establishment in Leading Industries.—Table 33 summarizes the degree of concentration in some of the leading industries of Canada. This concentration is analysed in detail for each of these twenty-five industries in Table 34. Concentration is extremely marked in the case of automobiles, railway rolling-stock, aircraft, cotton yarn and cloth, shipbuilding and repairs, miscellaneous chemical products, non-ferrous metal smelting and refining, and pulp and paper; whereas in the case of bread and other bakery products, women's factory clothing, butter and cheese, and sawmills, the degree of concentration is low. With regard to flour and feed mills, concentration is high in the case of flour mills, but the small size of the average feed mill offsets this for the industry as a whole.

33.—Percentage Importance of Establishments, each Employing 200 or more Persons in the Twenty-Five Leading Industries, 1942

Industry	Number of Such Establishments	Percentage of Total Number in the Industry	Percentage of Total Production in the Industry
1 Non-ferrous metal smelting and refining.....	12	75.0	95.9
2 Slaughtering and meat packing.....	24	16.2	75.0
3 Pulp and paper.....	58	55.2	91.7
4 Automobiles.....	4	66.7	99.7
5 Miscellaneous chemical products.....	19	9.8	89.0
6 Shipbuilding.....	25	31.6	95.5
7 Primary iron and steel.....	31	50.8	93.1
8 Butter and cheese.....	11	0.5	11.8
9 Electrical apparatus and supplies.....	36	16.0	77.2
10 Sawmills.....	29	0.5	29.6
11 Automobile supplies.....	27	26.7	91.5
12 Iron and steel products, miscellaneous.....	24	14.3	90.3
13 Brass and copper products.....	17	11.4	78.0
14 Petroleum products.....	7	13.5	57.4
15 Flour and feed mills.....	6	0.5	34.7
16 Machinery.....	35	13.7	67.8
17 Railway rolling-stock.....	21	60.0	96.4
18 Aircraft.....	20	47.6	95.9
19 Clothing, men's factory.....	44	10.7	53.4
20 Cotton yarn and cloth.....	27	67.5	95.5
21 Rubber goods including footwear.....	18	36.7	94.3
22 Clothing, women's factory.....	14	1.8	14.1
23 Sheet metal products.....	23	12.4	70.6
24 Bread and other bakery products.....	15	0.5	21.0
25 Hardware and tools.....	25	11.0	61.6

31.—Principal Statistics of the Twenty-Five Leading Industries of Canada, Grouped According to Number of Employees per Establishment, 1942

NOTE.—For principal statistics of the manufacturing industries in each province by size of establishments, see Table 2 of Part II, p. 63.

Group and Industry	Establishments	Capital	Employees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1. Non-Ferrous Metal Smelting and Refining—						
50 to 99 employees.....	1	14,028,914	549	677,059	12,940,296	18,399,696
100 " 99 ".....	3					
200 " 499 ".....	4					
500 and over.....	8	24,101,802	1,337	2,433,031	49,914,983	57,455,780
		317,922,249	19,276	34,230,466	223,132,234	371,761,723
Totals.....	16	356,052,965	21,162	37,340,556	285,987,513	447,617,199
2. Slaughtering and Meat Packing—						
Under 5 employees.....	24	221,411	50	52,040	914,785	1,061,532
5 to 14 ".....	42	1,270,275	376	491,953	8,795,537	10,114,275
15 " 49 ".....	37	7,243,839	1,018	1,404,468	21,222,726	25,291,053
50 " 99 ".....	11	4,744,671	780	1,119,589	23,089,171	25,588,771
100 " 199 ".....	10	7,190,363	1,426	2,174,695	26,032,210	30,233,897
200 " 499 ".....	12	17,849,369	3,498	5,268,320	55,828,751	66,136,117
500 and over.....	12	58,267,966	10,249	16,184,814	174,563,580	210,621,530
Totals.....	148	96,787,894	17,397	26,695,879	310,446,760	369,047,175
3. Pulp and Paper—						
5 to 14 employees.....	2	2,193,903	391	512,925	967,694	2,028,207
15 " 49 ".....	13					
50 " 99 ".....	18					
100 " 199 ".....	14	9,866,757	1,354	2,014,956	5,122,899	10,142,495
200 " 499 ".....	24	15,675,504	2,044	3,200,046	7,924,971	15,829,821
500 and over.....	14	135,793,402	7,481	13,519,637	28,515,260	70,065,135
	34	492,068,630	26,737	50,408,829	93,439,613	239,324,826
Totals.....	105	655,598,196	38,007	69,656,393	135,970,437	337,390,484

34.—Principal Statistics of the Twenty-Five Leading Industries of Canada, Grouped According to Number of Employees per Establishment, 1942—continued

Group and Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
4. Automobiles—	No.	\$	No.	\$	\$	\$
15 to 49 employees.....	1					
50 " 99 ".....	Nil					
100 " 199 ".....	1	143,442,197	24,403	52,281,941	239,544,621	324,772,681
200 " 499 ".....	1					
500 and over.....	3					
Totals.....	6	143,442,197	24,403	52,281,941	239,544,621	324,772,681
5. Miscellaneous Chemical Pro- ducts—						
Under 5 employees.....	77	1,027,839	169	176,257	417,300	1,037,245
5 to 14 employees.....	48	2,551,464	397	607,910	1,771,075	3,919,312
15 " 49 ".....	37	7,545,286	1,059	1,589,980	5,409,777	10,412,769
50 " 99 ".....	3	610,648	206	263,759	967,821	1,646,821
100 " 199 ".....	10	8,698,828	1,385	1,725,308	4,605,770	10,766,748
200 " 499 ".....	8	15,635,026	2,674	3,900,496	9,423,477	16,192,651
500 and over.....	11	214,597,388	59,010	79,921,539	97,946,662	207,690,326
Totals.....	194	250,666,479	64,900	88,185,249	120,541,882	251,665,872
6. Shipbuilding and Repairs—						
Under 5 employees.....	1					
5 to 14 employees.....	10	241,362	90	114,024	113,349	431,811
15 " 49 ".....	24	2,389,425	671	1,050,798	767,373	2,486,346
50 " 99 ".....	12	1,532,112	843	1,372,649	1,078,457	3,796,150
100 " 199 ".....	7	1,732,159	872	1,598,367	1,015,739	4,176,159
200 " 499 ".....	6	5,441,317	2,203	3,698,711	1,571,162	8,939,777
500 and over.....	19	113,711,884	45,453	84,354,265	68,779,071	222,307,884
Totals.....	79	125,048,259	50,132	92,188,814	73,325,151	242,138,127
7. Primary Iron and Steel—						
Under 5 employees.....	1					
5 to 14 employees.....	1	366,988	213	332,491	587,252	1,024,385
15 " 49 ".....	6					
50 " 99 ".....	9	6,549,981	677	1,228,528	3,822,970	6,382,588
100 " 199 ".....	13	5,725,029	1,833	2,883,848	11,221,565	8,531,345
200 " 499 ".....	13	34,414,150	3,762	6,951,432	28,669,400	28,038,857
500 and over.....	18	158,728,523	26,760	49,478,519	66,250,329	188,128,580
Totals.....	61	205,804,671	33,245	60,874,818	110,551,516	232,105,755
8. Butter and Cheese—						
Under 5 employees.....	1,640	11,584,748	3,983	2,448,604	47,460,940	53,321,395
5 to 14 employees.....	535	13,335,885	4,087	3,885,211	52,373,103	62,727,145
15 " 49 ".....	149	13,253,423	3,701	4,193,369	29,279,154	39,503,586
50 " 99 ".....	30	8,232,840	2,223	3,096,680	10,931,145	17,144,817
100 " 199 ".....	13	6,189,796	1,852	2,561,632	6,819,608	12,636,318
200 " 499 ".....	10					
	1	16,487,437	3,619	6,001,036	13,077,011	24,814,796
Totals.....	2,378	69,084,129	19,465	22,186,532	159,940,961	210,148,057
9. Electrical Apparatus and Supplies—						
Under 5 employees.....	37	540,434	94	113,623	203,988	412,261
5 to 14 employees.....	45	1,705,454	392	515,698	1,147,898	2,351,738
15 " 49 ".....	53	4,926,222	1,440	2,088,385	4,482,542	9,490,702
50 " 99 ".....	30	8,102,808	2,168	2,847,025	5,884,462	12,570,284
100 " 199 ".....	24	16,457,819	3,460	5,126,850	10,561,978	22,725,051
200 " 499 ".....	22	23,480,599	6,767	9,776,167	14,185,092	33,939,402
500 and over.....	14	87,964,846	25,355	41,331,321	56,333,057	127,383,343
Totals.....	225	143,178,182	39,676	61,799,069	92,799,017	208,872,781
10. Sawmills—						
Under 5 employees.....	3,756	9,726,451	8,571	3,037,761	10,347,623	18,438,715
5 to 14 employees.....	993	9,754,714	7,796	5,383,700	13,930,156	25,943,396
15 " 49 ".....	373	20,294,368	9,414	9,698,791	18,029,305	35,414,466
50 " 99 ".....	91	15,950,488	6,125	7,210,818	12,350,268	24,951,011
100 " 199 ".....	35	19,781,111	4,931	7,597,396	17,289,086	31,059,480
200 " 499 ".....	26	28,131,337	8,408	12,245,728	19,954,266	43,780,196
500 and over.....	3	8,480,803	2,520	4,387,875	6,843,547	13,331,813
Totals.....	5,277	112,119,272	47,765	49,562,069	98,774,251	192,919,077

34.—Principal Statistics of the Twenty-Five Leading Industries of Canada, Grouped According to Number of Employees per Establishment, 1942—continued

Group and Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
11. Automobile Supplies						
Under 5 employees.....	10	254,897	29	50,503	51,710	139,376
5 to 14 employees.....	33	1,141,719	294	436,680	497,634	1,218,034
15 " 49 ".....	12	813,577	330	444,046	595,120	1,194,387
50 " 99 ".....	13	4,031,574	978	1,542,318	2,859,421	5,773,061
100 " 199 ".....	6	3,331,971	744	1,278,225	3,798,479	7,308,780
200 " 499 ".....	17	23,288,504	5,574	9,260,790	26,304,059	47,790,195
500 and over.....	10	43,166,911	13,061	23,999,272	77,954,589	121,069,666
Totals.....	101	76,029,153	21,010	37,011,834	112,061,012	184,499,499
12. Iron and Steel Products						
Miscellaneous—						
Under 5 employees.....	36	365,516	90	112,540	81,448	283,448
5 to 14 employees.....	44	1,039,741	428	644,168	500,993	1,701,547
15 " 49 ".....	46	3,783,472	1,221	1,917,902	2,508,888	6,385,627
50 " 99 ".....	13	2,083,443	880	1,328,300	1,043,025	3,851,731
100 " 199 ".....	5	2,512,752	824	1,388,635	1,090,164	3,666,914
200 " 499 ".....	8	10,282,800	2,841	5,051,051	4,864,108	13,282,425
500 and over.....	16	152,122,829	28,564	50,503,281	60,046,551	135,126,852
Totals.....	168	172,190,553	34,848	60,792,877	70,135,177	164,298,544
13. Brass and Copper Products—						
Under 5 employees.....	31	303,403	79	103,926	123,535	334,204
5 to 14 employees.....	39	1,043,135	390	646,642	822,967	2,098,303
15 " 49 ".....	38	4,172,484	1,102	1,689,360	9,815,027	13,605,930
50 " 99 ".....	14	3,389,697	1,001	1,683,260	2,455,644	5,745,354
100 " 199 ".....	10	6,739,095	1,368	2,199,660	9,051,506	14,305,187
200 " 499 ".....	5	5,822,254	1,505	2,346,737	2,854,290	7,262,510
500 and over.....	12	44,812,648	12,009	20,599,445	60,329,725	120,939,862
Totals.....	149	66,282,716	17,454	29,269,030	85,452,694	164,291,350
14. Petroleum Products—						
Under 5 employees.....	11	275,127	22	30,131	117,250	211,075
5 to 14 employees.....	13	1,171,683	109	158,059	364,228	804,534
15 " 49 ".....	7	2,032,482	178	274,455	4,002,768	5,332,831
50 " 99 ".....	5	4,428,278	390	628,594	8,003,129	10,645,665
100 " 199 ".....	9	31,086,424	1,287	2,315,814	40,198,479	52,668,216
200 " 499 ".....	5	45,168,254	3,934	8,100,199	69,238,402	94,054,194
500 and over.....	2					
Totals.....	52	84,162,248	5,920	11,507,252	121,924,256	163,716,155
15. Flour and Feed Mills—						
Under 5 employees.....	1,045	8,785,071	1,758	1,238,439	27,719,440	33,149,144
5 to 14 employees.....	83	3,718,646	627	667,005	8,279,228	10,294,872
15 " 49 ".....	20	3,636,343	470	654,957	8,927,757	10,508,089
50 " 99 ".....	10	12,900,077	731	1,243,232	16,731,782	22,521,488
100 " 199 ".....	7	11,853,527	1,069	1,662,369	21,579,609	27,592,313
200 " 499 ".....	5					
500 and over.....	1	21,693,095	2,065	3,310,551	43,136,903	55,397,765
Totals.....	1,171	62,586,759	6,720	8,776,553	126,374,719	159,463,671
16. Machinery—						
Under 5 employees.....	25	263,997	58	64,354	75,989	232,056
5 to 14 employees.....	42	2,619,878	403	652,622	1,019,603	2,663,555
15 " 49 ".....	85	12,165,857	2,371	4,156,854	5,488,783	14,415,514
50 " 99 ".....	49	14,714,353	3,583	6,231,885	6,132,116	19,371,368
100 " 199 ".....	19	11,958,158	2,793	4,579,374	4,715,188	14,650,292
200 " 499 ".....	26	33,592,453	8,240	14,293,483	15,215,733	45,002,141
500 and over.....	9	47,272,895	9,906	17,729,001	20,303,359	63,036,862
Totals.....	255	122,587,591	27,354	47,707,573	52,950,771	159,371,788
17. Railway Rolling-Stock—						
Under 5 employees.....	3	186,460	8	14,305	212,725	329,494
5 to 14 employees.....	2					
15 " 49 ".....	2	415,983	64	114,504	220,894	540,357
50 " 99 ".....	3	1,470,757	200	307,809	430,788	779,229
100 " 199 ".....	4	3,312,943	534	904,533	1,885,376	3,897,374
200 " 499 ".....	6	12,768,408	2,099	3,687,114	4,792,426	9,432,017
500 and over.....	15	106,358,998	28,777	54,305,397	74,291,588	141,092,146
Totals.....	35	124,513,549	31,682	59,333,662	81,833,797	156,070,617

34.—Principal Statistics of the Twenty-Five Leading Industries of Canada, Grouped According to Number of Employees per Establishment, 1942—continued

Group of Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
18. Aircraft—						
Under 5 employees.....	1	1,066,528	35	48,590	29,709	856,412
5 to 14 employees.....	3					
15 " 49 ".....	7	503,769	210	290,381	51,418	519,970
50 " 99 ".....	8	1,092,471	600	1,112,622	201,636	1,794,487
100 " 199 ".....	3	2,188,163	491	688,548	1,180,854	2,968,712
200 " 499 ".....	3	6,430,592	2,052	3,871,156	3,280,318	7,168,134
500 and over.....	14	79,246,397	41,498	70,822,844	41,508,320	138,246,883
Totals.....	42	90,527,920	44,886	76,334,141	46,252,255	151,554,598
19. Clothing, Men's Factory—						
Under 5 employees.....	66	1,093,526	173	225,693	1,677,204	2,864,146
5 to 14 employees.....	81	2,870,536	735	860,802	3,725,842	6,609,658
15 " 49 ".....	113	7,587,182	3,227	3,590,806	9,595,364	16,266,169
50 " 99 ".....	60	8,867,511	4,314	4,548,051	10,814,380	17,760,428
100 " 199 ".....	46	10,937,554	6,129	6,690,358	15,646,761	26,201,366
200 " 499 ".....	35	17,513,598	11,228	11,853,870	31,292,491	49,358,007
500 and over.....	9	11,579,497	7,107	9,154,952	18,717,073	30,503,678
Totals.....	410	60,449,404	32,913	36,924,532	91,469,115	149,563,452
20. Cotton Yarn and Cloth—						
Under 5 employees.....	1	300,895	102	93,319	642,610	800,586
5 to 14 employees.....	2					
15 " 49 ".....	1					
50 " 99 ".....	3	1,551,181	242	355,068	448,001	-683,001
100 " 199 ".....	6	3,208,440	910	1,097,927	2,832,814	4,960,651
200 " 499 ".....	11	30,504,868	3,678	4,753,514	10,476,201	18,419,529
500 and over.....	16	55,833,105	20,864	23,004,599	66,230,372	117,035,753
Totals.....	40	91,398,489	25,796	29,304,427	80,629,995	141,899,520
21. Rubber Goods (including rubber footwear)—						
Under 5 employees.....	5	50,952	14	15,180	20,321	46,109
5 to 14 employees.....	8	203,613	66	87,906	113,512	276,250
15 " 49 ".....	6	513,774	165	182,779	233,275	688,595
50 " 99 ".....	7	1,915,047	477	585,351	1,416,931	2,923,754
100 " 199 ".....	5	1,648,228	671	751,887	1,210,281	3,022,739
200 " 499 ".....	7	8,426,639	2,599	3,481,240	6,327,875	15,802,164
500 and over.....	11	61,706,574	11,505	18,308,807	52,254,351	99,471,791
Totals.....	49	74,464,827	15,497	23,413,150	61,576,546	122,231,402
22. Clothing, Women's Factory—						
Under 5 employees.....	73	673,073	197	199,495	788,912	1,516,020
5 to 14 ".....	221	4,054,182	2,021	2,307,377	5,647,769	10,046,311
15 " 49 ".....	347	15,880,892	9,804	11,809,028	25,081,429	43,991,661
50 " 99 ".....	93	10,377,523	6,346	7,473,014	16,447,273	29,231,439
100 " 199 ".....	27	5,551,174	3,761	4,070,831	8,702,483	14,999,921
200 " 499 ".....	14	7,019,879	4,139	4,177,812	9,676,913	16,393,728
Totals.....	775	43,536,723	26,328	30,037,557	66,344,779	116,179,080
23. Sheet Metal Products—						
Under 5 employees.....	32	365,869	79	83,075	284,158	525,140
5 to 14 employees.....	49	1,309,879	439	543,743	701,088	1,852,828
15 " 49 ".....	47	6,020,106	1,254	1,754,992	3,437,574	6,901,405
50 " 99 ".....	21	5,979,147	1,614	2,218,001	4,187,050	8,237,701
100 " 199 ".....	13	9,385,951	1,793	2,542,422	8,863,124	14,957,856
200 " 499 ".....	13	29,088,116	4,453	6,828,874	21,928,187	38,108,506
500 and over.....	10	24,959,725	6,935	10,297,894	19,482,483	39,858,823
Totals.....	185	77,108,793	16,597	24,269,001	58,883,664	110,442,259
24. Bread and Other Bakery Products—						
Under 5 employees.....	2,002	11,203,972	4,414	3,521,357	7,943,947	15,564,477
5 to 14 employees.....	761	10,206,423	5,777	5,489,302	10,321,608	20,497,168
15 " 49 ".....	189	9,023,174	4,921	5,890,801	10,306,573	20,775,829
50 " 99 ".....	36	5,169,963	2,610	3,376,473	6,242,673	12,353,727
100 " 199 ".....	20	7,418,367	2,797	3,757,936	6,037,435	12,988,453
200 " 499 ".....	12	8,188,982	3,257	4,541,566	6,206,602	14,209,032
500 and over.....	3	2,708,766	1,745	2,499,802	2,903,608	7,700,568
Totals.....	3,023	53,919,647	25,521	29,047,237	49,962,446	104,089,254

34.—Principal Statistics of the Twenty-Five Leading Industries of Canada, Grouped According to Number of Employees per Establishment, 1942—concluded

Group of Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
25. Hardware and Tools—						
Under 5 employees.....	30	276,869	74	108,206	71,485	280,658
5 to 14 employees.....	60	1,821,409	525	702,717	555,125	2,239,907
15 " 49 ".....	67	5,544,562	1,879	2,838,137	2,244,090	8,173,346
50 " 99 ".....	29	7,362,438	2,041	3,467,883	2,797,122	9,574,282
100 " 199 ".....	16	8,324,071	2,333	3,728,272	3,260,022	11,305,306
200 " 499 ".....	21	21,711,072	5,877	9,761,102	9,623,799	34,604,256
500 and over.....	4	9,328,562	2,977	4,632,169	4,205,556	16,130,003
Totals.....	227	54,368,983	15,706	25,238,486	22,757,199	82,307,758

Subsection 5.—Power and Fuel

Power.—Power equipment installed in manufacturing establishments is a very good barometer of the industrial development of Canada, inasmuch as production is increasingly dependent on power equipment. Increases and decreases in productive capacity, measured in horse-power, are not the result of temporary fluctuations in costs and values in the same manner as capital investments, values of products, etc. Of course, power equipment installed is not a measure of the actual utilization of power for there is generally an excess over actual requirements, i.e., over power equipment in operation. Producers must have an installed operating margin in excess of normal requirements to provide for booming business conditions or break-down of part of the plant; in times of depression this margin increases. Then, too, the practice in factories, etc., of installing individual motors to each machine in place of large central motors increases total installed capacity. If spare or idle machinery could be deducted from total installation over a long period of time, the resultant data would be more informative. Reports of such spare or idle equipment are available, however, only since 1934, and the percentage of equipment not in regular use has been approximately the same each year, viz., about 6 p.c. Power equipment figures, unless such deductions can be made over a long term, will not reflect temporary depressions.

Electric motors in the manufacturing industries operated by purchased power are included with primary power equipment and consequently the central electric stations producing the power are not included as manufacturing industries. Electric motors operated by power generated within these industries are not included in Table 35 with the primary power equipment that produces the power to operate them but they are shown separately, together with the total of all electric motors for each year. These totals indicate the rate of growth of electric drive in these industries in Canada, which has increased from 61.3 p.c. of the total power equipment in 1923 to 82 p.c. in 1942.

Of the total increase in power equipment employed in manufacturing industries since 1923, over 82 p.c. was in electric motors operated on power purchased from central electric stations. However, some sections of Canada are not well provided

with water power and in such sections primary power derived from steam engines or turbines, and internal combustion engines—which include all gasoline engines, gas engines (natural, coal, and producer gas), and compression-ignition engines—has also increased rapidly during the period covered. During the period 1923–42 there was an increase of 26 p.c. in the capacity of water wheels, 67 p.c. in the capacity of steam engines, while the capacity of electric motors and internal combustion engines more than quadrupled during the same period.

35.—Power Equipment Installed in the Manufacturing Industries of Canada, 1931–41 with Details by Provinces and Industrial Groups, 1942

Year and Province or Group	Steam Engines and Turbines	Internal Combustion Engines	Hydraulic Turbines and Water Wheels	Total	Electric Motors Operated by Purchased Power	Total Power Equipment	Electric Motors Operated by Power Generated by Establishments Reporting	Total Electric Motors
	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.
Totals, 1931	780,487	73,376	667,546	1,521,409	2,578,523	4,099,932	539,430	3,117,953
Totals, 1932	735,980	68,551	653,204	1,457,735	2,684,923	4,142,658	510,837	3,195,760
Totals, 1933	738,297	76,583	657,683	1,472,563	2,662,445	4,135,008	497,392	3,159,837
Totals, 1934	774,494	87,120	597,675	1,459,289	2,770,383	4,229,672	544,714	3,315,097
Totals, 1935	774,166	88,265	603,717	1,466,148	2,865,340	4,331,488	512,177	3,377,517
Totals, 1936	743,184	92,480	648,489	1,484,153	2,977,714	4,461,867	528,501	3,506,215
Totals, 1937	834,703	98,233	649,557	1,582,493	3,129,790	4,712,283	602,955	3,732,745
Totals, 1938	830,897	111,645	723,377	1,665,919	3,303,804	4,969,723	659,741	3,963,545
Totals, 1939	827,801	121,997	731,390	1,681,188	3,364,099	5,045,287	694,450	4,058,549
Totals, 1940	848,596	152,240	727,051	1,727,887	3,563,048	5,290,935	724,769	4,287,817
Totals, 1941	917,474	179,461	724,199	1,821,134	4,028,942	5,850,076	740,112	4,769,054
PROVINCE								
P. E. Island.....	1,376	946	1,413	3,735	959	4,694	Nil	959
Nova Scotia.....	73,894	13,900	15,534	103,328	84,649	187,977	64,674	149,323
New Brunswick...	85,185	11,285	28,156	124,626	122,244	246,870	56,634	178,878
Quebec.....	203,455	53,467	323,054	579,976	1,547,704	2,127,680	158,399	1,706,103
Ontario.....	343,776	79,373	262,957	686,106	1,784,642	2,470,748	370,155	2,154,797
Manitoba.....	17,849	7,266	106	25,221	173,159	198,380	5,003	178,162
Saskatchewan...	18,507	11,267	130	29,904	41,411	71,315	155	41,566
Alberta.....	31,059	15,932	3	46,994	79,077	126,071	5,765	84,842
British Columbia..	152,249	30,882	110,398	293,529	334,548	628,077	140,132	474,680
Yukon and N.W.T.	159	40	Nil	199	9	208	Nil	9
Totals, 1942	927,509	224,358	741,751	1,893,618	4,168,402	6,062,020	800,917	4,969,319
INDUSTRIAL GROUP								
Vegetable products	57,903	35,231	28,493	121,627	283,449	405,076	37,635	321,084
Animal products...	24,921	10,957	3,210	39,088	135,691	174,779	3,353	139,044
Textiles and textile products.....	20,832	6,341	25,133	52,306	206,382	258,688	28,051	234,433
Wood and paper products.....	523,333	112,763	614,864	1,250,960	1,491,354	2,742,314	504,650	1,996,004
Iron and its products.....	185,378	39,062	3,206	227,646	921,349	1,148,995	170,701	1,092,050
Non-ferrous metal products.....	24,610	4,126	55,840	84,576	571,839	656,415	17,854	589,693
Non-metallic mineral products...	47,834	12,948	31	60,813	228,519	289,332	12,049	240,568
Chemicals and allied products..	39,600	2,396	10,974	52,970	301,344	354,314	23,714	325,058
Miscellaneous industries	3,098	534	Nil	3,632	28,475	32,107	2,910	31,385

In the Provinces of Prince Edward Island, Nova Scotia, New Brunswick, Saskatchewan, and Alberta, primary power produced from fuels is an important factor in power utilization.

Fuel and Electricity.—Fuel is used quite generally throughout the industrial field for the generation of power by means of steam and internal combustion engines. It is also used for the heating of plants, and for providing the heat necessary to some manufacturing processes. The most important industries where heat is applied to the materials to facilitate or accomplish the desired transformation are foundries and machine shops, brick, tile, lime, and cement-making, petroleum refining, the glass industry, distilleries, food preparation, rubber goods, etc. Fuel used for such heating purposes, as well as for power, is included in the figures of Table 36. In addition to the electricity used for ordinary power purposes, the figures include also the electricity used for heating boilers in the pulp and paper industry. Consumption of surplus energy in electric boilers increased rapidly during the years preceding the present war.

The figures of the table do not include coke charged to iron-blast furnaces or foundry cupolas. Neither do they include fuels that constitute the raw materials to be transformed as coal in the coke and gas industries and crude petroleum in the refining industry.

The value of fuel consumed increased 126 p.c. from 1924 to 1942. Electricity, on the other hand, has increased during the same period by 355 p.c., although there has been a decline in the average unit cost of electricity as there has been in the case of fuels.

The groups of industries in which fuel was most extensively used in 1942 were: iron and its products, wood and paper products, non-metallic mineral products and non-ferrous metals.

Quebec is the largest user of electric power, using about half of the Dominion total in 1942.

36.—Fuel and Electricity Used in the Manufacturing Industries of Canada, 1931-41, with Details by Provinces and Industrial Groups, 1942

Year and Province or Group	Bituminous Coal		Anthracite Coal		Lignite Coal	Coke	Fuel Oils		Wood	Gas	Other Fuel	Electricity	Total
	short tons	\$	short tons	\$			\$	\$					
Totals, 1931.....	5,046,264	27,338,993	130,520	999,358	448,416	1,784,288	5,545,743	1,720,700	4,930,991	1,132,203	37,276,526	81,197,218	
Totals, 1932.....	3,883,637	20,438,561	136,947	1,002,634	497,154	1,592,015	4,684,042	1,483,666	4,692,700	974,884	34,764,666	70,129,722	
Totals, 1933.....	3,825,828	18,342,019	145,017	1,023,154	522,626	1,574,426	4,606,527	1,635,689	4,827,310	981,591	33,092,334	66,615,676	
Totals, 1934.....	3,936,988	21,372,079	166,242	1,166,745	601,520	1,670,877	5,181,169	1,450,532	5,734,229	1,549,066	38,150,061	76,877,266	
Totals, 1935.....	4,024,556	22,108,876	173,188	1,194,905	684,396	1,921,138	5,951,169	1,419,130	5,707,589	1,773,040	40,459,065	81,279,888	
Totals, 1936.....	4,365,749	24,570,023	176,869	1,274,078	740,009	1,883,024	6,351,311	1,421,076	5,653,693	1,962,450	43,781,481	88,397,146	
Totals, 1937.....	5,736,190	31,903,729	173,993	1,253,376	759,600	1,869,524	8,550,369	1,636,098	7,404,919	2,867,421	50,682,810	109,607,846	
Totals, 1938.....	4,939,684	27,139,673	162,164	1,107,168	692,428	4,493,824	8,103,438	1,611,941	7,891,892	3,155,016	50,509,131	107,572,232	
Totals, 1939.....	5,155,991	29,810,940	167,465	1,151,278	740,593	4,870,875	8,560,418	1,562,119	7,891,892	6,205,343	58,429,262	136,132,666	
Totals, 1940.....	6,511,195	39,089,348	171,271	1,347,910	965,229	5,797,070	12,306,737	1,734,791	10,172,976	6,205,343	71,754,501	174,641,317	
Totals, 1941.....	7,810,278	51,776,303	180,189	1,540,230	1,177,180	6,388,464	17,734,137	1,896,184	12,554,559	9,819,759	85,205,846	206,718,489	
PROVINCE													
Prince Edward Island.....	4,690	40,792	42	624	Nil	3,278	4,110	9,783	Nil	11,481	22,421	92,489	
Nova Scotia.....	464,697	2,925,258	636	11,802	"	148,968	672,080	40,405	1,447,479	304,044	1,571,658	7,121,694	
New Brunswick.....	479,629	2,856,775	1,844	16,795	"	22,496	146,221	119,840	25,119	375,579	1,464,939	5,027,764	
Quebec.....	2,985,981	23,902,265	117,247	992,265	5,010	489,253	6,742,174	917,322	2,124,938	2,718,087	42,092,273	79,983,637	
Ontario.....	4,246,680	29,797,164	106,184	979,777	20,468	5,347,487	10,652,575	607,589	7,844,173	4,585,846	29,684,028	89,519,107	
Manitoba.....	204,411	1,571,208	8,810	108,181	687,065	44,637	395,058	189,167	199,510	340,732	1,913,894	5,449,362	
Saskatchewan.....	36,995	247,833	191	1,890	204,616	1,576	331,867	292,133	292,371	761,659	2,114,696	5,005,975	
Alberta.....	61,721	265,536	23	388	227,187	26,933	78,257	39,436	910,202	298,627	1,159,409	3,005,975	
British Columbia.....	285,532	1,640,706	1,517	14,985	21,779	917,502	2,323,295	196,075	399,225	2,340,824	6,534,078	14,388,469	
Yukon and Northwest Territories.....	368	5,885	Nil	Nil	Nil	Nil	2,323,299	1,887	Nil	5,648	1,577	15,296	
Totals, 1942.....	8,770,404	63,253,472	236,494	2,126,707	1,166,425	7,002,130	21,345,936	2,213,637	13,180,067	11,224,569	85,205,846	206,718,489	
INDUSTRIAL GROUP													
Vegetable products.....	732,629	5,378,737	54,183	575,636	356,712	464,538	1,086,042	590,279	866,982	2,288,750	4,539,621	16,148,197	
Animal products.....	412,832	3,144,150	4,748	57,099	390,277	79,188	405,477	714,405	225,732	1,246,049	2,614,436	8,876,852	
Textiles and textile products.....	616,588	4,816,260	30,190	235,303	10,245	12,501	199,126	51,716	171,165	203,351	4,511,941	10,111,617	
Wood and paper products.....	2,588,600	18,946,129	30,379	202,225	18,131	25,436	1,972,773	208,312	183,520	3,848,884	19,357,855	44,883,265	
Iron and its products.....	1,400,511	9,556,347	72,046	605,304	262,513	575,729	9,193,256	92,850	4,683,661	1,632,422	15,835,524	42,437,666	
Non-ferrous metal products.....	1,190,447	8,754,623	11,973	110,164	894	4,341,559	8,064,426	31,303	431,173	380,784	23,946,259	41,441,185	
Non-metallic mineral products.....	919,181	6,473,545	13,255	119,185	115,212	1,425,933	4,539,149	396,955	6,294,372	778,716	5,570,725	25,714,631	
Chemical and allied products.....	870,225	5,876,625	16,095	135,801	11,508	72,109	454,778	59,478	284,372	803,666	8,180,126	15,878,463	
Miscellaneous industries.....	39,391	307,038	2,445	25,960	633	5,137	30,009	8,339	138,191	61,947	649,359	1,226,613	

¹ Includes gasoline and kerosene.² Includes fuel and electricity used in smelters for metallurgical purposes.

PART II.—PROVINCIAL AND LOCAL DISTRIBUTION OF MANUFACTURING PRODUCTION

This Part of the report is introduced by a general analysis of the concentration of the manufacturing industries in the provinces. In the sections that follow, the principal features of the manufactures of each province are brought out and finally the distribution of manufacturing throughout the principal cities and towns of the Dominion is shown.

Ontario and Quebec are by far the most important manufacturing provinces of Canada. Their combined production in 1942 amounted to \$6,150,700,000 or over 81 p.c. of the gross value of manufactured products of the Dominion. The proximity of Ontario to the coalfields of Pennsylvania, the water power and other varied resources of the two provinces, and their nearness to the larger markets of Canada and the United States have all contributed to the above result.

Table 1 shows the outstanding predominance of Ontario and Quebec in each industrial group. Quebec leads in the manufacture of textiles, but in each of the other groups Ontario has the greater production. The standing of these two provinces is most nearly approached by British Columbia in the case of the wood and paper products group, where the latter province accounts for 16.5 p.c. of the gross production compared with 37.2 p.c. for Ontario and 33.5 p.c. for Quebec; in each of the other groups the positions of Ontario and Quebec lead by a wide margin. Previous to 1941, Table 1 has shown the value of production in each province, by industry. With the establishment of many vital war plants throughout Canada, it is not now possible to publish this detail, and the provincial distribution by groups instead of by industries is now given. In this way the publication of figures relating to individual establishments has, in many cases, been avoided.

1.—Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1942

Province and Group	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Canada—						
Vegetable products.....	5,985	656,756,413	115,476	145,000,211	552,791,525	965,896,035
Animal products.....	4,392	322,045,016	87,038	103,620,997	649,160,318	861,190,126
Textiles and textile products.....	2,369	464,161,573	165,478	185,731,313	441,718,052	793,304,750
Wood and paper products.....	10,222	1,080,457,129	186,106	252,179,776	428,526,286	961,842,906
Iron and its products.....	1,931	1,446,215,017	360,845	639,330,901	985,960,237	2,112,822,237
Non-ferrous metal products.....	596	612,513,064	90,937	146,690,366	505,122,844	901,569,437
Non-metallic mineral products.....	782	329,401,312	30,707	48,702,880	191,143,787	358,075,414
Chemicals and allied products.....	928	471,679,779	93,030	134,345,942	233,386,894	501,656,123
Miscellaneous industries..	657	105,556,242	22,474	27,202,456	49,292,782	97,437,944
Totals.....	27,862	5,488,785,545	1,152,091	1,682,804,842	4,037,102,725	7,553,794,972
Prince Edward Island—						
Vegetable products.....	43	559,809	212	160,443	555,785	871,856
Animal products.....	104	818,148	514	277,357	3,228,674	3,998,706
Textiles and textile products.....	1	—	—	—	—	—
Wood and paper products.....	87	795,354	348	225,430	230,792	617,846
Iron and its products.....	5	625,767	128	115,793	275,900	529,273
Non-metallic mineral products.....	1	—	—	—	—	—
Chemicals and allied products.....	4	568,290	59	63,038	498,164	837,663
Totals.....	243	3,367,368	1,261	842,061	4,789,315	6,855,344

¹ Less than three establishments.

² Includes textile and non-metallic mineral products.

1.—Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1942—continued

Province and Group	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Nova Scotia—						
Vegetable products.....	183	13,865,868	3,156	3,207,171	9,373,047	17,081,369
Animal products.....	204	7,490,438	3,165	2,867,883	12,953,917	19,543,197
Textiles and textile products.....	25	8,060,872	2,605	2,494,046	6,319,499	11,334,016
Wood and paper products.	813	25,875,783	6,687	6,219,623	10,197,385	22,204,094
Iron and its products....	64	72,185,240	13,823	23,514,189	26,995,338	59,694,095
Non-metallic mineral products.....	23	21,365,240	1,438	2,388,339	16,854,225	21,559,457
Chemicals and allied products.....	14	3,702,317	380	524,738	2,396,373	4,287,029
Miscellaneous industries..	6	123,031	64	57,953	103,896	228,007
Totals.....	1,332	152,668,789	31,318	41,273,942	85,193,680	155,931,264
New Brunswick—						
Vegetable products.....	154	13,317,260	2,618	2,742,813	17,105,474	24,947,222
Animal products.....	161	6,968,758	2,393	1,867,231	9,137,046	13,263,900
Textiles and textile products.....	21	11,413,831	2,083	2,160,167	3,963,441	7,914,935
Wood and paper products.	459	49,776,977	9,441	10,991,991	25,295,084	52,882,635
Iron and its products....	36	17,140,874	4,285	7,179,144	5,805,840	17,454,306
Non-ferrous metal products.....	1	—	—	—	—	—
Non-metallic mineral products.....	22	1,662,610	318	325,203	465,539	1,502,141
Chemicals and allied products.....	8	2,771,793	250	321,238	2,390,795	3,385,302
Miscellaneous industries ² .	6	2,004,732	794	959,019	728,008	2,489,034
Totals.....	867	105,056,835	22,182	26,546,806	64,891,227	123,839,475
Quebec—						
Vegetable products.....	1,716	201,151,652	37,069	42,318,717	144,932,096	264,830,026
Animal products.....	1,759	79,295,302	30,434	31,072,916	150,385,032	205,404,264
Textiles and textile products.....	1,240	220,261,797	90,476	97,652,338	239,440,027	431,293,760
Wood and paper products.	3,377	450,421,832	58,319	75,243,468	141,520,765	322,394,227
Iron and its products....	410	317,497,333	87,107	153,705,227	178,166,303	446,133,739
Non-ferrous metal products.....	142	270,586,919	31,166	48,177,438	188,928,311	336,491,281
Non-metallic mineral products.....	185	90,208,422	7,769	11,986,868	47,088,686	87,298,386
Chemicals and allied products.....	305	238,208,698	51,426	70,211,561	93,332,016	219,104,671
Miscellaneous industries..	208	15,721,713	5,251	5,960,637	9,652,196	20,352,649
Totals.....	9,342	1,883,353,668	399,017	536,329,170	1,193,445,432	2,333,303,012
Ontario—						
Vegetable products.....	2,598	323,462,808	56,073	76,230,529	283,789,342	497,832,116
Animal products.....	1,544	139,262,420	31,280	41,756,171	246,673,332	329,072,541
Textiles and textile products.....	900	208,081,219	63,307	76,276,514	167,786,381	306,507,099
Wood and paper products.	3,051	372,523,908	68,403	98,701,025	160,180,445	357,843,723
Iron and its products....	1,049	903,994,790	204,695	363,366,242	691,284,500	1,354,797,857
Non-ferrous metal products.....	383	289,967,588	53,959	87,687,354	266,464,954	491,228,003
Non-metallic mineral products.....	376	146,647,049	16,366	26,520,558	84,755,580	176,569,231
Chemicals and allied products.....	476	166,770,267	33,731	51,614,625	119,899,320	235,544,376
Miscellaneous industries..	334	81,809,422	15,144	18,630,687	35,913,129	68,001,458
Totals.....	10,711	2,632,519,471	542,958	840,783,705	2,056,746,983	3,817,396,404

¹ Less than three establishments.

² Includes non-ferrous metal products.

1.—Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1942—concluded

Province and Group	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Manitoba—						
Vegetable products.....	272	29,181,269	4,483	5,555,030	25,987,017	43,176,176
Animal products.....	196	22,416,109	5,560	7,726,808	72,896,257	92,815,236
Textiles and textile pro- ducts.....	86	9,576,833	4,503	4,569,993	16,601,012	23,825,892
Wood and paper products.	510	27,641,468	5,719	7,035,958	9,041,646	23,033,111
Iron and its products.....	84	35,188,008	10,457	16,766,744	14,003,543	38,467,226
Non-ferrous metal pro- ducts.....	23	9,952,918	764	1,312,561	7,513,804	9,870,253
Non-metallic mineral pro- ducts.....	43	15,143,842	871	1,156,284	3,792,727	8,104,091
Chemicals and allied pro- ducts.....	37	23,885,489	4,441	6,554,071	7,601,570	16,704,507
Miscellaneous industries..	36	2,916,541	721	927,690	1,810,733	3,557,858
Totals.....	1,287	175,902,477	37,519	51,605,139	159,248,309	259,554,350
Saskatchewan—						
Vegetable products.....	209	13,162,567	1,829	2,269,713	16,856,965	26,929,243
Animal products.....	99	8,998,397	2,610	3,493,401	35,535,287	43,520,291
Textiles and textile pro- ducts.....	6	329,927	51	47,396	780,724	934,570
Wood and paper products.	573	6,031,802	3,054	2,879,097	3,031,868	8,289,128
Iron and its products.....	31	4,564,342	1,324	2,243,524	3,812,401	6,170,238
Non-ferrous metal pro- ducts.....	3	2,797,461	129	243,787	11,898,090	15,776,298
Non-metallic mineral pro- ducts.....	30	8,706,713	700	1,227,814	12,114,243	18,111,264
Chemicals and allied pro- ducts.....	9	362,781	72	105,238	152,984	449,634
Miscellaneous industries..	6	59,687	32	33,095	25,639	76,067
Totals.....	966	45,013,677	9,801	12,543,065	84,208,201	120,256,733
Alberta—						
Vegetable products.....	311	24,550,550	3,249	4,218,932	21,520,961	37,241,445
Animal products.....	157	19,909,772	4,788	6,428,451	70,165,828	83,400,676
Textiles and textile pro- ducts.....	25	1,861,206	880	876,929	2,290,753	3,726,114
Wood and paper products.	476	10,925,273	4,485	4,819,865	7,097,042	16,298,377
Iron and its products.....	61	12,142,245	2,497	3,919,010	3,204,441	9,164,743
Non-ferrous metal pro- ducts.....	7	481,684	102	143,583	447,568	785,565
Non-metallic mineral pro- ducts.....	45	19,927,512	1,764	2,542,389	11,945,756	23,947,774
Chemicals and allied pro- ducts.....	20	11,042,077	449	799,289	561,007	2,613,581
Miscellaneous industries..	13	560,814	183	244,165	384,144	924,736
Totals.....	1,115	101,401,133	18,397	23,992,613	117,617,500	178,103,011
British Columbia—						
Vegetable products.....	498	37,500,748	6,786	8,296,513	32,667,936	52,980,582
Animal products.....	168	36,885,672	6,294	8,130,779	48,184,945	70,171,315
Textiles and textile pro- ducts.....	64	4,396,097	1,545	1,632,395	4,246,608	7,399,038
Wood and paper products.	871	136,396,748	29,630	46,048,989	71,919,018	158,231,758
Iron and its products.....	190	82,520,902	36,495	68,451,586	62,386,446	180,307,604
Non-ferrous metal pro- ducts.....	37	37,802,641	4,293	8,467,041	29,559,452	46,159,274
Non-metallic mineral pro- ducts.....	56	25,289,617	1,464	2,525,404	14,022,828	20,695,121
Chemicals and allied pro- ducts.....	58	24,576,870	2,256	4,181,724	6,850,762	19,127,921
Miscellaneous industries..	48	3,280,005	807	1,047,632	985,077	3,064,993
Totals.....	1,990	388,649,300	89,570	148,782,063	270,823,072	558,137,606
Yukon and N.W.T.—						
Wood and paper products.	5	67,984	20	14,330	12,241	48,007
Vegetable products.....	1					
Iron and its products.....	1					
Non-metallic mineral pro- ducts.....	1	784,843	48	91,948	126,765	369,766
Miscellaneous industries..	1					
Totals.....	9	852,827	68	106,278	139,006	417,773

Table 2 analyses the principal manufacturing statistics in each province, by size of establishment. Ontario with 184 plants employing 500 or more persons had the largest number of such establishments of any province. Quebec was second with 123 and British Columbia third with 22. The degree of concentration of manufacturing production in large units is illustrated in the statement below. In the Province of Quebec 50.1 p.c. of all persons engaged in manufacturing were employed in establishments having 500 or more employees, as compared with 45.9 p.c. for Canada as a whole. Ordinarily, Ontario ranks second in the concentration of manufacturing production. In 1942, however, British Columbia with 47.2 p.c. came second, this being due to the large shipbuilding plants located there. Ontario ranked third with a percentage of 46.7, followed by Nova Scotia with 35.7, Manitoba 32.9, New Brunswick 29.5, and Alberta 14.4.

CONCENTRATION OF MANUFACTURING PRODUCTION IN EACH PROVINCE, 1942

Province	Number of Establishments Employing 500 or More Persons	Percentage of Total Number of Establishments in Province	Provincial Percentage of Number of Employees Accounted for by these Establishments
Prince Edward Island.....	Nil	—	—
Nova Scotia.....	8	0.6	35.7
New Brunswick.....	8	0.9	29.5
Quebec.....	123	1.3	50.1
Ontario.....	184	1.7	46.7
Manitoba.....	9	0.7	32.9
Saskatchewan.....	1	1	1
Alberta.....	4	0.4	14.4
British Columbia.....	22	1.1	47.2
CANADA.....	359	1.3	45.9

¹ Cannot be shown.

2.—Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Number of Employees per Establishment, 1942

Province and Group	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Canada—						
Under 5 employees....	13,622	187,704,661	30,300	21,444,898	115,960,953	267,841,936
5 to 14 employees..	6,580	160,923,827	54,895	59,214,032	182,434,668	306,542,773
15 " 49 "	4,265	406,550,207	115,925	144,914,935	394,613,956	706,355,149
50 " 99 "	1,520	416,547,832	106,208	138,446,170	349,657,521	644,209,622
100 " 199 "	885	588,003,103	123,083	165,529,514	451,016,512	830,380,620
200 " 499 "	631	997,491,430	193,072	277,039,286	706,949,834	1,297,980,869
500 or over.....	359	2,731,564,485	528,608	876,216,007	1,836,469,281	3,500,504,003
Totals.....	27,862	5,488,785,545	1,152,091	1,682,804,842	4,037,102,725	7,553,794,972
Prince Edward Island—						
Under 5 employees....	176	585,733	376	157,198	1,491,967	1,911,150
5 to 14 employees..	49	816,006	401	245,875	1,367,406	2,008,771
15 " 49 "	17	1,965,629	484	438,988	1,929,942	2,935,423
50 " 99 "	1					
Totals.....	243	3,367,368	1,261	842,061	4,789,315	6,855,344

2.—Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Number of Employees per Establishment, 1942—continued

Province and Group	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Nova Scotia—						
Under 5 employees....	745	2,558,780	1,731	835,934	2,768,952	4,799,775
5 to 14 " " " " " "	337	4,845,481	2,731	2,148,274	6,772,840	11,982,111
15 " 49 " " " " "	165	12,142,723	4,429	4,468,793	11,120,453	20,249,520
50 " 99 " " " " "	37	11,717,663	2,586	3,240,567	5,021,459	11,958,817
100 " 199 " " " " "	25	15,792,210	3,416	4,198,994	9,121,541	17,709,782
200 " 499 " " " " "	15	31,205,834	5,230	7,669,855	19,995,245	26,210,050
500 or over.....	8	74,406,098	11,195	18,711,525	30,393,190	63,021,209
Totals.....	1,332	152,668,789	31,318	41,273,942	85,193,680	155,931,264
New Brunswick—						
Under 5 employees....	425	1,774,493	983	508,487	2,002,602	3,282,199
5 to 14 " " " " " "	262	3,672,062	2,062	1,545,902	4,873,095	8,421,399
15 " 49 " " " " "	102	7,645,032	2,638	2,445,376	8,378,983	13,748,013
50 " 99 " " " " "	35	8,949,908	2,476	2,608,228	7,102,112	12,343,698
100 " 199 " " " " "	19	9,681,405	2,527	2,935,946	9,000,449	14,631,044
200 " 499 " " " " "	16	21,572,815	4,957	6,203,148	18,844,990	33,962,489
500 or over.....	8	51,761,120	6,539	10,299,719	14,688,996	37,450,633
Totals.....	867	105,058,835	22,182	26,546,806	64,891,227	123,839,475
Quebec—						
Under 5 employees....	4,876	131,432,558	10,973	7,184,322	42,302,666	160,324,143
5 to 14 employees....	1,979	42,518,255	16,134	15,888,882	50,545,229	84,541,848
15 " 49 " " " " "	1,385	109,513,238	37,553	42,789,587	100,470,635	186,710,438
50 " 99 " " " " "	501	108,307,313	34,548	40,326,020	103,348,781	184,226,317
100 " 199 " " " " "	277	162,516,847	38,624	45,935,167	137,417,913	245,524,841
200 " 499 " " " " "	201	298,740,057	61,432	79,036,574	129,193,014	398,038,091
500 or over.....	123	1,030,325,400	199,753	305,168,618	540,167,194	1,073,931,334
Totals.....	9,342	1,883,353,668	399,017	536,329,170	1,193,445,432	2,333,303,012
Ontario—						
Under 5 employees....	4,670	35,135,830	10,451	8,450,175	53,914,558	74,756,192
5 to 14 employees....	2,604	71,858,708	21,607	25,246,374	73,757,671	126,623,127
15 " 49 " " " " "	1,813	185,998,217	49,020	65,593,214	172,421,459	314,885,620
50 " 99 " " " " "	678	203,253,484	47,711	66,984,560	147,216,686	289,003,760
100 " 199 " " " " "	427	289,230,340	59,358	84,742,824	207,199,926	395,236,517
200 " 499 " " " " "	335	505,017,880	101,475	151,511,098	348,067,375	665,618,805
500 or over.....	184	1,342,025,012	253,336	438,255,460	1,054,169,308	1,951,272,349
Totals.....	10,711	2,632,519,471	542,958	840,783,705	2,056,746,983	3,817,396,404
Manitoba—						
Under 5 employees....	643	3,671,646	1,442	958,999	3,182,261	5,304,544
5 to 14 employees....	312	7,858,586	2,551	2,758,508	13,018,084	19,244,384
15 " 49 " " " " "	193	18,525,561	5,075	6,017,817	16,437,687	29,117,464
50 " 99 " " " " "	72	25,756,809	4,991	6,034,673	28,532,268	42,227,023
100 " 199 " " " " "	39	31,759,659	5,611	7,690,934	17,670,318	33,749,854
200 " 499 " " " " "	19	38,402,068	5,504	8,485,939	23,090,026	43,940,088
500 or over.....	9	49,928,148	12,345	19,658,269	57,317,665	85,970,993
Totals.....	1,287	175,902,477	37,519	51,605,139	159,248,309	259,554,350
Saskatchewan—						
Under 5 employees....	656	2,814,573	1,062	660,144	1,838,170	3,340,038
5 to 14 employees....	202	8,549,451	2,607	3,360,585	11,477,224	17,256,201
15 " 49 " " " " "	78	17,787,083	3,030	4,105,085	35,125,621	50,423,604
50 " 99 " " " " "	24	7,634,670	1,663	2,161,021	12,590,858	20,253,771
100 " 199 " " " " "	4					
200 " 499 " " " " "	1	8,227,900	1,439	2,256,230	23,176,328	28,983,119
500 or over.....	1					
Totals.....	966	45,013,677	9,801	12,543,065	84,208,201	120,256,733
Alberta—						
Under 5 employees....	628	3,688,990	1,366	977,256	5,156,794	7,614,737
5 to 14 employees....	281	6,468,331	2,184	2,297,062	8,772,497	13,513,541
15 " 49 " " " " "	131	15,674,188	3,416	4,238,246	10,316,331	19,659,097
50 " 99 " " " " "	43	15,590,182	3,212	4,286,756	15,407,782	26,594,079
100 " 199 " " " " "	18	19,463,596	2,378	3,382,730	11,436,300	22,706,128
200 " 499 " " " " "	10	27,347,993	3,185	4,874,715	29,174,784	44,166,302
500 or over.....	4	13,168,753	2,656	3,935,848	37,353,012	43,849,127
Totals.....	1,115	101,401,133	18,397	23,992,613	117,617,500	178,103,011

2.—Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Number of Employees per Establishment, 1942—concluded

Province and Group	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
British Columbia—						
Under 5 employees....	798	6,012,353	1,906	1,706,573	3,293,407	6,481,963
5 to 14 employees..	551	13,869,341	4,594	5,691,544	11,746,717	22,663,969
15 " 49 "	380	37,279,047	10,327	14,523,623	38,454,041	68,751,849
50 " 99 "	129	35,001,776	8,940	12,729,109	30,370,854	57,367,122
100 " 199 "	76	52,648,724	10,490	15,820,509	48,231,173	85,979,051
200 " 499 "	34	74,324,864	11,033	18,872,204	44,830,775	81,440,372
500 or over.....	22	168,513,195	42,280	79,438,501	93,896,105	235,453,280
Totals.....	1,990	388,649,300	89,576	148,782,063	270,823,072	558,137,606
Yukon and N.W.T.—						
Under 5 employees....	5	29,705	10	5,810	9,576	27,195
5 to 14 "	3					
15 " 49 "	1	823,122	58	100,468	129,430	390,578
Totals.....	9	852,827	68	106,278	139,006	417,773

Section 1.—The Manufactures of the Maritime Provinces, 1942

In Prince Edward Island the predominant agricultural and fishery resources make butter and cheese, fish-curing and packing, and slaughtering and meat packing the leading manufactures of the Province. Nova Scotia is renowned for its coal mines and its fisheries, as well as extensive forests and agricultural lands and is favoured with easy access by sea to the high-grade iron-ore supply of Newfoundland. On these resources are based the leading manufactures of primary iron and steel, shipbuilding and repairs, fish-curing and packing, sawmills, pulp and paper, and butter and cheese. In addition to this, important petroleum refineries and coke and gas plants add to the diversification of manufacturing in the Province. The forests of New Brunswick give a leading place to its pulp and paper and saw-milling industries, although fish and agricultural products add to the varied output. Sugar refining and the production of railway rolling-stock also forms an important branch of manufacturing production.

3.—Statistics of the Leading Industries of the Maritime Provinces, 1942

Industry	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
PRINCE EDWARD ISLAND						
	No.	\$	No.	\$	\$	\$
1 Butter and cheese.....	29	425,552	133	106,499	1,402,341	1,694,048
2 Fish curing and packing.....	72	168,750	324	115,424	1,004,593	1,367,852
3 Bread and other bakery products..	14	124,251	64	42,384	118,390	217,356
4 Fruit and vegetable preparations..	6	107,492	57	31,471	162,770	205,116
5 Sawmills.....	67	151,939	138	37,726	82,745	184,379
6 Starch and glucose.....	4	92,451	24	20,414	120,265	182,000
7 Printing and publishing.....	4	240,486	103	94,677	29,426	179,387
8 Planing mills, sash and door factories.....	3	179,309	39	44,732	71,067	136,658
9 All other leading industries ¹	6	1,245,846	190	186,267	1,556,826	2,180,609
Totals, Leading Industries....	205	2,736,076	1,072	679,594	4,548,423	6,347,405
Totals, All Industries.....	243	3,367,368	1,261	842,061	4,789,315	6,855,344

For footnotes, see end of Table, page 66.

3.—Statistics of the Leading Industries of the Maritime Provinces, 1942—concluded

Industry	Estab- lish- ments	Capital	Em- ploy- ees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
NOVA SCOTIA						
	No.	\$	No.	\$	\$	\$
1 Primary iron and steel.....	6	44,723,425	6,936	11,425,074	19,036,526	31,009,632
2 Shipbuilding and repairs.....	21	12,054,514	3,723	6,699,675	3,038,768	14,386,389
3 Fish-curing and packing.....	155	5,057,001	2,435	2,047,547	8,541,029	13,083,635
4 Sawmills.....	614	3,540,747	2,961	1,591,273	3,872,615	7,604,655
5 Pulp and paper.....	5	16,005,813	964	1,692,850	2,142,220	5,414,049
6 Butter and cheese.....	28	1,662,147	460	544,831	3,507,272	5,107,889
7 Biscuits, confectionery, cocoa, etc.	8	2,371,609	1,020	1,001,419	2,059,183	4,046,983
8 Bread and other bakery products.	98	1,288,496	738	766,349	1,969,289	3,728,803
9 Railway rolling-stock.....	3	7,496,595	633	1,059,135	2,285,356	3,610,742
10 Planing mills, sash and door factories.....	36	1,714,058	750	817,172	1,915,459	2,995,025
11 Hosiery and knitted goods.....	3	2,129,950	851	746,519	1,550,463	2,900,172
12 Clothing, men's factory.....	7	901,192	661	523,284	1,979,033	2,723,293
13 Castings, iron.....	8	1,654,600	742	1,198,006	496,917	2,428,788
14 Printing and publishing.....	34	1,522,496	765	926,241	426,773	2,254,055
15 Fruit and vegetable preparations..	22	1,092,942	617	463,275	1,184,890	2,125,007
16 All other leading industries ²	6	30,714,322	1,914	3,206,065	19,919,970	27,916,876
Totals, Leading Industries...	1,054	133,929,907	26,170	34,708,715	73,925,753	131,335,993
Totals, All Industries.....	1,332	152,668,789	31,318	41,273,942	85,193,680	155,931,264
NEW BRUNSWICK						
	No.	\$	No.	\$	\$	\$
1 Pulp and paper.....	6	36,954,445	3,070	5,259,661	12,510,574	29,325,852
2 Sawmills.....	333	6,174,757	4,010	3,174,475	8,165,842	14,289,646
3 Shipbuilding and repairs.....	4	7,793,624	1,674	3,121,207	714,650	6,294,619
4 Foods, miscellaneous.....	8	2,841,948	313	405,422	4,686,982	5,591,319
5 Fish-curing and packing.....	103	3,761,367	1,444	889,754	3,128,853	4,910,110
6 Butter and cheese.....	37	1,356,617	358	914,964	2,585,844	3,587,577
7 Slaughtering and meat packing...	4	993,509	264	342,262	2,650,187	3,450,213
8 Planing mills, sash and door factories.....	27	1,696,437	775	830,471	1,684,943	3,150,517
9 Bread and other bakery products.	79	1,217,917	634	597,883	1,477,094	2,725,207
10 Heating and cooking apparatus...	3	1,653,976	562	788,680	692,464	2,639,569
11 Fertilizers.....	3	2,175,810	176	214,012	1,834,125	2,600,702
12 Biscuits, confectionery, cocoa, etc.	5	2,020,824	700	601,663	1,308,505	2,591,068
13 All other leading industries ²	5	19,262,796	2,740	4,031,427	12,231,809	19,687,414
Totals, Leading Industries...	617	87,904,027	16,720	20,571,881	53,671,872	100,843,813
Totals, All Industries.....	867	105,056,835	22,182	26,546,806	64,891,227	123,839,475

¹ Net value is derived from gross value by deducting cost of materials, fuel and electricity.² Individual statistics cannot be given because there are fewer than three establishments in each industry. Such industries are: in Prince Edward Island; cotton and jute bags, iron castings, slaughtering and meat packing, fertilizers, and sheet metal products; in Nova Scotia; sugar refineries, cotton yarn and cloth, wire and wire goods, coke and gas, and petroleum products; in New Brunswick; sugar refineries, railway rolling-stock, cotton yarn and cloth, and silk and artificial silk goods.

Section 2.—The Manufactures of Quebec, 1942

Among the assets of Quebec that have tended to develop manufacturing industries in the Province may be mentioned its natural resources of forests, water powers, minerals, and agricultural lands, and also its geographic position astride the St. Lawrence estuary permitting sea-going shipping to reach its main centres of population. Added to these natural advantages, there is a stable and industrious population, which is an important factor in industries such as textiles, clothing, boots and shoes, etc., where a large labour force is required.

The most notable change among the manufactures of Quebec in recent years has been the development of the non-ferrous metal smelting industry. This industry first appeared among the forty leading industries of the Province in nineteenth place in 1927. It has been in second place since 1935, and was in first place in 1942.

Quebec, with about 31 p.c. of the Dominion output, is the second largest manufacturing province. The production of pulp and paper is normally the dominant industry, but in 1942 it was displaced by the non-ferrous metal smelting and refining industry for the premier position. In addition to supplying about 7 p.c. of the gross value of Quebec manufactures, the pulp and paper industry furnishes about 50 p.c. of the Dominion total for this industry. The value of tobacco products forms approximately 88 p.c., cotton yarn and cloth 76 p.c., women's factory clothing 68 p.c., leather boots and shoes 63 p.c., men's factory clothing 56 p.c., railway rolling-stock 52 p.c., and non-ferrous metal smelting and refining 44 p.c. of the Dominion totals of these products. The Province of Quebec is thus an outstanding manufacturing province rather on account of her large individual industries than because of the diversification of her industrial activities.

4.—Statistics of the Leading Industries of the Province of Quebec, 1942

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$
1 Non-ferrous metal smelting and refining.....	5	189,505,571	9,812	15,200,889	114,137,756	196,436,575
2 Pulp and paper.....	46	348,981,976	18,496	32,715,297	67,290,265	168,294,770
3 Miscellaneous chemical products.....	63	171,598,324	42,713	56,860,490	55,516,194	142,859,296
4 Cotton yarn and cloth.....	16	52,174,865	18,152	20,425,069	64,010,056	107,973,989
5 Clothing, men's factory.....	234	32,551,493	17,502	18,505,247	51,885,399	83,967,087
6 Railway rolling-stock.....	10	53,056,465	16,197	31,361,292	46,254,554	81,809,756
7 Clothing, women's factory.....	455	29,198,139	17,581	19,416,055	45,691,528	78,907,824
8 Shipbuilding and repairs.....	11	39,849,107	14,084	23,306,045	24,350,295	72,386,431
9 Brass and copper products.....	37	27,671,527	6,519	11,142,124	33,626,104	66,274,520
10 Electrical apparatus and supplies.....	39	45,443,126	12,244	18,706,010	33,861,989	60,532,458
11 Aircraft.....	15	25,548,085	16,763	29,939,453	19,980,822	60,413,211
12 Butter and cheese.....	1,085	18,520,756	5,647	4,985,723	44,660,000	55,434,952
13 Slaughtering and meat-packing.....	29	13,386,546	2,659	3,751,649	47,369,174	55,308,006
14 Tobacco, cigars and cigarettes.....	51	61,191,229	9,234	9,328,403	25,798,049	52,512,529
15 Machinery.....	44	37,890,943	8,064	13,779,752	18,445,637	49,095,323
16 Boots and shoes, leather.....	131	19,995,249	12,419	12,195,461	25,832,981	42,703,152
17 Sawmills.....	1,947	23,898,720	11,416	8,241,311	22,952,551	40,425,028
18 Iron and steel products, misc.....	52	43,864,783	5,627	10,685,418	13,543,320	39,012,064
19 Primary iron and steel.....	16	28,499,707	6,679	12,101,633	15,624,075	34,976,121
20 Silk and artificial silk.....	23	27,978,594	7,511	8,628,819	13,216,511	33,705,831
21 Petroleum products.....	7	23,802,525	1,048	2,152,561	26,276,718	32,535,812
22 Hosiery and knitted goods.....	66	19,209,037	9,064	8,498,311	13,679,067	29,390,964
23 Bread and other bakery products.....	1,049	14,964,828	6,922	7,371,888	13,289,879	27,186,330
24 Hardware and tools.....	45	15,439,044	4,613	7,308,339	7,020,748	26,947,748
25 Breweries.....	8	29,868,054	2,852	5,104,629	7,621,643	26,679,275
26 Rubber goods including rubber footwear.....	18	12,959,029	4,543	4,982,360	10,628,504	22,795,015
27 Sheet metal products.....	37	18,224,002	3,654	5,135,503	11,359,599	21,884,813
28 Acids, alkalies and salts.....	10	23,146,816	2,609	4,279,090	11,722,749	21,070,751
29 Biscuits; confectionery, cocoa, etc.....	53	10,749,352	3,646	3,705,624	11,469,891	19,974,233
30 Paints, pigments and varnishes.....	28	15,888,513	1,795	2,974,729	10,371,837	19,652,027
31 Foods, miscellaneous.....	71	10,358,353	1,425	1,831,543	12,727,067	19,548,081
32 Bridges and structural steel.....	5	16,990,650	2,802	6,765,534	7,731,108	18,992,429
33 Flour and grist mills.....	168	8,108,802	865	1,279,488	14,597,717	18,127,007
34 Castings, iron.....	52	18,796,659	3,802	6,075,689	7,058,352	17,507,400
35 Aerated and mineral waters.....	163	9,251,201	2,171	2,775,210	5,883,474	17,368,192
36 Medicinal and pharmaceutical preparations.....	82	13,424,902	2,206	3,144,250	6,987,501	17,003,098
37 Woolen cloth.....	24	8,302,594	2,594	2,939,371	9,520,909	16,628,368
38 Printing and publishing.....	73	13,223,715	4,566	6,967,462	3,974,346	16,502,853
39 Fur goods.....	191	9,484,755	2,240	2,961,175	10,593,642	15,620,295
40 Miscellaneous textiles.....	11	13,955,655	1,688	2,505,642	8,435,064	15,449,674
Totals, Leading Industries².....	6,470	1,596,953,693	324,424	450,034,538	994,897,075	1,943,893,288
Totals, All Industries.....	9,342	1,883,353,668	399,017	536,329,170	1,193,445,432	2,333,303,012
Percentage of forty leading industries to totals of all industries in the Province.....	69.2	84.8	81.2	83.9	83.3	83.3

¹ See footnote 1 to Table 1, p. 7.

² Statistics for sugar refining, which is also one of the leading industries of this province, cannot be published, since there are fewer than three establishments reporting.

Section 3.—The Manufactures of Ontario, 1942

The gross value of the manufactured products of Ontario in 1942 represented about 50·5 p.c. of the total for the whole Dominion, while that of Quebec amounted to about 31 p.c. This premier position in manufacturing has been fairly uniformly maintained by Ontario, as the following percentages show: 1926, 52 p.c.; 1918, 53 p.c.; 1910, 50 p.c.; 1900, 50 p.c.; 1890, 51 p.c.; and 1880, 51 p.c. In spite of the rapid industrial development in recent years in other provinces, such as Quebec, British Columbia and Manitoba, Ontario is maintaining a manufacturing production roughly equal to that of the remainder of the Dominion.

The geographic position of Ontario on the Great Lakes waterway system, by means of which the iron ore of Minnesota and the coal of Pennsylvania are readily accessible; the wide range of natural resources of forests, minerals, water powers, and agriculture; a large population and excellent water and rail transportation facilities to other parts of the country, have all encouraged industrial development. Other factors have been proximity to one of the most densely populated sections of the United States and the establishment within the Province of branch factories of United States industries, as in automobile manufacturing.

Industries producing capital or durable goods, which constitute an important factor in the manufactures of Ontario, were particularly hard hit during the early years of the depression preceding the present war. Thus, production was disproportionately curtailed in such important industries as automobiles, electrical equipment, machinery, agricultural implements, primary iron and steel, etc. This resulted in a lowering of the manufacturing production of the whole Province relatively to that of other provinces less affected by these influences. With the recovery since 1933 and the expansion in production resulting from the present war these industries in general have made good recovery, and Ontario, which accounted for 49 p.c. of the gross value of all products manufactured in the Dominion in 1933, had by 1942 increased the relative value to 50·5 p.c.

Ontario also has the greatest diversification of manufacturing production of any province. Outstanding among the industries in which this province is pre-eminent are those of automobiles, agricultural implements and starch manufacture which are carried on practically in this province alone. Other important industries in which Ontario leads, with the percentage which the production of each bears to that of the Dominion total, in 1942 are as follows: leather tanneries 88·1, rubber goods 81·3, electrical apparatus and supplies 69·9, primary iron and steel 68·5, iron castings 65·6, fruit and vegetable preparations 62·8, flour and feed mills 60·1, hosiery and knitted goods 57·2, and furniture 56·3.

5.—Statistics of the Leading Industries of the Province of Ontario, 1942

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross value of Products ¹
	No.	\$	No.	\$	\$	\$
1 Automobiles.....	4	142,790,717	24,270	52,088,993	238,982,129	323,968,911
2 Non-ferrous metal smelting and refining.....	8	119,182,633	7,175	13,788,908	125,824,323	185,715,195
3 Automobile supplies.....	65	74,843,168	20,548	36,356,337	111,307,889	182,783,322
4 Primary iron and steel.....	27	128,620,497	18,147	35,015,184	74,010,065	159,077,961
5 Electrical apparatus and supplies.....	159	96,625,267	27,012	42,460,494	57,923,625	146,126,610
6 Slaughtering and meat-packing.....	67	43,304,461	6,180	10,078,387	111,555,306	132,769,040
7 Iron and steel products, misc.....	92	113,994,175	26,102	44,349,752	50,698,499	113,123,675
8 Pulp and paper.....	39	183,701,701	11,134	21,801,085	43,744,521	103,555,421
9 Machinery.....	169	78,112,566	17,327	30,393,250	30,109,237	99,776,288

¹ See footnote 1, Table 3, p. 66.

5.—Statistics of the Leading Industries of the Province of Ontario, 1942—concluded

Industry	Estab- lish- ments	Capital	Em- ploy- ees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$
10 Rubber goods, including rubber footwear.....	29	61,461,134	10,942	18,417,611	50,940,409	99,408,993
11 Flour and feed mills.....	755	32,412,350	3,788	4,770,980	76,863,163	95,784,404
12 Miscellaneous chemicals.....	99	58,519,401	18,041	25,050,176	58,867,260	94,845,939
13 Brass and copper products.....	92	35,994,631	9,922	16,593,504	50,042,186	93,357,090
14 Butter and cheese.....	884	29,462,057	7,891	9,917,771	63,184,014	84,459,816
15 Aircraft.....	21	58,685,073	21,632	36,560,904	21,917,802	76,359,457
16 Sheet metal products.....	100	45,965,231	10,761	16,269,292	37,995,421	72,997,647
17 Petroleum products.....	15	27,624,716	2,586	5,060,737	47,133,784	66,399,164
18 Castings, iron.....	91	30,976,354	10,132	17,878,410	21,188,288	53,330,825
19 Hardware and tools.....	164	37,346,972	10,575	17,258,568	14,674,112	52,889,527
20 Clothing, men's factory.....	117	20,943,771	11,247	14,506,050	27,748,303	48,248,849
21 Bread and other bakery products.....	1,128	25,109,082	12,040	14,377,127	22,581,464	48,185,296
22 Fruit and vegetable preparations.....	179	38,893,298	7,220	7,064,132	27,482,162	46,176,738
23 Hosiery and knitted goods.....	105	35,218,058	12,919	13,619,219	22,284,317	45,813,662
24 Railway rolling-stock.....	14	34,655,666	7,819	14,586,190	21,073,344	45,326,218
25 Agricultural implements.....	24	55,906,834	11,456	18,050,885	16,801,365	43,215,683
26 Biscuits, confectionery, cocoa, etc.....	78	26,616,681	6,904	8,616,598	20,275,411	42,611,546
27 Leather tanneries.....	29	25,335,236	4,007	5,752,009	24,577,580	37,164,062
28 Woollen cloth.....	35	20,315,280	5,481	7,092,128	21,513,006	36,456,143
29 Acids, alkalies and salts.....	19	31,697,116	4,416	8,177,222	11,079,082	36,146,175
30 Printing and publishing.....	301	25,981,340	7,850	13,113,162	8,119,492	33,269,304
31 Scientific and professional equip- ment.....	24	58,014,360	7,273	8,693,752	19,538,640	32,824,562
32 Boxes and bags, paper.....	87	16,799,655	5,492	7,187,878	17,761,570	31,553,003
33 Printing and bookbinding.....	581	25,920,274	8,002	11,321,928	12,671,774	31,496,258
34 Abrasive products.....	13	10,035,120	2,588	4,674,043	9,087,295	31,219,216
35 Coke and gas products.....	16	55,075,741	2,641	4,204,798	15,847,543	31,073,807
36 Shipbuilding.....	18	23,764,541	6,804	12,183,359	10,145,071	30,716,480
37 Clothing, women's factory.....	261	11,355,952	6,899	8,648,118	16,091,423	29,842,460
38 Cotton yarn and cloth.....	21	31,469,556	6,533	7,524,995	14,174,857	28,595,257
39 Sawmills.....	1,039	22,028,591	7,750	6,054,151	14,582,151	28,345,474
40 Miscellaneous paper products.....	91	18,655,049	3,664	5,318,033	15,640,035	28,038,357
Totals, Leading Industries.....	7,060	2,013,414,305	413,170	655,776,120	1,656,227,918	3,003,057,835
Totals, All Industries.....	10,711	2,632,519,471	542,958	840,783,705	2,056,746,983	3,817,396,404
Percentages of forty leading indus- tries to totals of all industries in the Province.....	65.9	76.5	76.1	78.0	80.5	78.7

Section 4.—The Manufactures of the Prairie Provinces, 1942

The leading industries of these Provinces are those based on their agricultural resources—their grain-growing, cattle-raising, and dairying areas. Next in importance, generally, are industries providing for the more necessary needs of the resident population, such as the baking of bread, printing and publishing, etc. The extensive railway services require large shops for the maintenance of rolling-stock, especially in the Winnipeg area. The widespread use of motor-vehicles and power machinery on farms has given rise to petroleum refineries in each province. The greatly increased production of crude petroleum in Alberta seems likely to lead to further development of the refining industry. Manitoba, as the early commercial centre of the prairies, has had a greater industrial development than either of the other provinces. Its natural resources of accessible water powers, forests, and, more recently, minerals, have given rise to quite a diversification of industrial production.

Considering the three Provinces as an economic group, slaughtering and meat packing had the largest gross production in 1942, amounting to \$159,028,040, followed by butter and cheese with \$50,693,218, flour and feed mills \$44,659,802, and petroleum products \$38,523,597. These four industries accounted for 52 p.c. of the total production of the Prairie Provinces. Other leading industries, in the order named, were: railway rolling-stock, bread and other bakery products, men's factory clothing, miscellaneous chemical products, breweries, sawmills, etc.

6.—Statistics of the Leading Industries of the Prairie Provinces, 1942

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
MANITOBA						
	No.	\$	No.	\$	\$	\$
1 Slaughtering and meat packing...	11	13,644,100	2,820	4,428,640	56,000,885	68,767,296
2 Butter and cheese.....	92	5,170,318	1,439	1,925,945	12,550,015	17,378,833
3 Railway rolling-stock.....	4	16,561,694	4,654	8,189,786	7,632,974	16,331,730
4 Flour and feed mills.....	41	5,860,462	570	715,501	9,823,287	12,196,067
5 Miscellaneous chemical products.....	7	18,314,478	3,838	5,726,499	5,067,998	11,777,768
6 Clothing, men's factory.....	29	3,187,978	2,138	2,015,645	6,512,175	9,429,554
7 Foods, miscellaneous.....	20	3,451,776	414	489,153	5,412,368	6,613,220
8 Clothing, women's factory.....	27	2,065,667	1,293	1,436,496	3,622,383	5,694,981
9 Bags, cotton and jute.....	4	3,106,791	212	296,561	4,833,091	5,641,861
10 Bread and other bakery products.....	135	2,896,462	1,232	1,402,931	2,269,328	4,844,945
11 Biscuits, confectionery, cocoa, etc.....	15	1,865,217	732	748,383	1,831,575	4,464,467
12 Primary iron and steel.....	4	2,544,377	933	1,405,388	1,324,599	4,321,099
13 Breweries.....	6	3,208,702	440	749,509	751,497	4,124,412
14 Printing and publishing.....	77	3,436,711	1,042	1,540,718	757,892	4,048,433
15 All other leading industries ²	3	10,124,170	799	1,485,802	7,108,168	11,174,969
Totals, Leading Industries.....	475	95,438,903	22,556	32,556,957	125,498,235	186,809,640
Totals, All Industries.....	1,287	175,902,477	37,519	51,605,139	159,248,309	259,554,350

SASKATCHEWAN

	No.	\$	No.	\$	\$	\$
1 Slaughtering and meat packing...	8	4,673,220	1,298	1,925,601	21,805,577	25,592,641
2 Flour and feed mills.....	64	7,526,465	630	880,072	13,041,196	17,851,352
3 Butter and cheese.....	71	3,868,756	1,194	1,426,022	13,373,819	17,241,527
4 Petroleum products.....	9	7,108,236	539	968,046	11,852,743	17,195,774
5 Sawmills.....	379	1,995,269	1,556	974,459	1,322,851	3,323,373
6 Breweries.....	5	2,752,900	236	406,012	620,195	3,293,778
7 Bread and other bakery products.....	103	1,788,086	665	674,934	1,472,574	2,946,370
8 Printing and publishing.....	126	2,107,897	844	1,180,367	511,585	2,522,871
9 Foods, miscellaneous.....	5	188,376	93	62,477	1,219,162	1,525,178
10 Planing mills, sash and door factories.....	16	848,808	301	371,591	593,043	1,189,911
11 Aerated and mineral waters.....	21	760,279	161	203,055	374,071	1,090,496
12 All other leading industries ²	2	5,996,175	1,039	1,891,917	15,191,936	20,587,288
Totals, Leading Industries.....	809	39,614,467	8,556	10,964,553	81,378,752	114,360,559
Totals, All Industries.....	966	45,013,677	9,801	12,543,065	84,208,201	120,256,733

ALBERTA

	No.	\$	No.	\$	\$	\$
1 Slaughtering and meat packing...	13	13,583,601	3,170	4,595,338	55,670,644	64,668,103
2 Petroleum products.....	8	8,732,477	614	1,096,303	10,291,247	18,060,711
3 Butter and cheese.....	111	5,188,276	1,319	1,513,058	12,636,857	16,072,858
4 Flour and feed mills.....	102	8,172,673	778	1,065,959	11,298,744	14,612,383
5 Sawmills.....	257	2,787,443	2,121	1,624,771	2,269,438	5,527,455
6 Bread and other bakery products.....	144	2,483,431	1,040	1,216,171	2,376,127	4,969,600
7 Breweries.....	5	5,134,601	296	577,246	1,052,582	4,485,471
8 Railway rolling-stock.....	3	7,670,877	1,145	1,894,304	1,809,440	3,817,773
9 Clothing, men's factory.....	7	1,314,340	615	636,956	1,799,852	2,867,911
10 Printing and publishing.....	84	2,833,121	788	1,202,870	500,760	2,862,834
11 Planing mills, sash and door factories.....	32	1,369,583	485	619,325	1,100,003	2,144,451
12 Castings, iron.....	10	1,494,651	493	708,521	298,656	1,817,564
13 Primary iron and steel.....	3	954,842	274	434,276	393,726	1,411,967
14 Aerated and mineral waters.....	19	830,261	195	263,820	411,419	1,254,878
15 Printing and bookbinding.....	53	1,550,410	428	584,909	451,729	1,294,403
16 Fruit and vegetable preparations.....	5	410,151	169	154,822	616,857	1,108,104
17 Clay products from domestic clay.....	12	2,480,734	468	430,664	7,976	1,013,497
18 All other industries.....	9	24,196,056	1,304	1,992,037	7,270,987	15,859,078
Totals, Leading Industries.....	877	91,187,528	15,702	29,611,350	110,257,044	163,849,041
Totals, All Industries.....	1,115	101,491,133	18,397	23,992,613	117,617,500	178,103,011

¹ See footnote 1 to Table 3, p. 66. ² Other leading industries, individual statistics of which cannot be given because there are fewer than three establishments in each industry, are: Manitoba, bridge and structural steel and non-ferrous metal smelting and refining; Alberta, malt mills, sugar refineries, wood preservation, glass, cement products, and acids, alkalies and salts.

Section 5.—The Manufactures of British Columbia, 1942

British Columbia in 1942 was again the third most important manufacturing province of the Dominion. Normally its rich forests give the wood industries a pre-eminence in the Province. Due to the exigencies of the War which resulted in the establishment of a huge shipbuilding industry on the Pacific Coast, the iron and its products group displaced wood and paper as the dominant factor in British Columbia manufacturing production. As a result, the shipbuilding industry with a gross value of production of \$118,243,552 contributed 21 p. c. of the total output of the Province. This industry was in sixth place in 1940 when the output was valued at only \$9,943,941. It also furnished employment to 23,806 persons or 26.6 p.c. of the total number engaged in manufacturing. Emphasizing the importance of the forests in the industrial life of the Province, the sawmilling industry ranked second with a gross value of production of \$90,695,092, and the pulp and paper industry fourth with \$27,804,218. Third in importance was fish-curing and packing, based principally on the estuarial salmon fisheries. British Columbia accounted for 63 p.c. of the total production of this industry in Canada. Other important industries were: slaughtering and meat packing, petroleum products, planing mills, fruit and vegetable preparations, sheet metal products, etc. The varied resources of the Province and its position on the Pacific Coast have resulted in a wide diversification of its manufactures.

7.—Statistics of the Leading Industries of the Province of British Columbia, 1942

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross value of Products ¹
	No.	\$	No.	\$	\$	\$
1 Shipbuilding and repairs.....	23	41,215,957	23,806	46,803,632	35,049,259	118,243,552
2 Sawmills.....	426	49,939,786	16,859	26,357,229	44,538,581	90,695,092
3 Fish curing and packing.....	65	23,222,141	3,574	4,254,385	23,485,181	37,528,935
4 Pulp and paper.....	7	58,912,740	4,017	7,618,433	9,353,209	27,804,218
5 Slaughtering and meat packing...	11	6,912,903	914	1,471,466	14,402,725	17,329,610
6 Petroleum products.....	6	5,092,010	370	776,512	11,418,189	13,091,261
7 Planing mills, sash and door factories.....	64	6,879,023	2,293	3,010,836	4,840,230	10,732,149
8 Fruit and vegetable preparations..	70	6,689,090	1,719	1,717,029	7,314,092	10,608,236
9 Sheet metal products.....	18	9,332,223	797	1,294,133	6,875,356	10,395,077
10 Bread and other bakery products.	272	4,043,212	2,185	2,597,220	4,405,399	9,279,347
11 Butter and cheese.....	41	3,429,650	1,024	1,451,719	6,040,799	9,170,557
12 Machinery.....	22	4,739,727	1,483	2,810,351	3,710,093	8,792,118
13 Foods, miscellaneous.....	28	4,485,065	469	528,815	7,330,000	8,525,783
14 Fertilizers.....	5	8,295,983	976	1,892,893	2,979,848	6,563,001
15 Breweries.....	11	4,612,167	402	838,073	1,177,171	6,063,414
16 Printing and publishing.....	73	5,295,704	1,613	2,602,193	1,286,791	6,055,001
17 All other leading industries ²	4	47,496,510	10,413	18,575,013	37,658,701	67,757,438
Totals, Leading Industries...	1,146	290,593,891	72,914	124,599,932	221,865,624	458,634,789
Totals, All Industries.....	1,990	388,649,300	89,570	148,782,063	270,823,072	558,137,606
Percentage of leading industries to total of all industries in the Province.....	57.6	74.8	81.4	83.7	81.9	82.2

¹ See footnote 1 to Table 3, p. 66.

² Includes other leading industries, statistics of which cannot be published because there are fewer than three establishments in each industry. Such industries are: aircraft, bridge and structural steel work, and non-ferrous metal smelting and refining.

Section 6.—Manufacturing Industries in Cities and Towns

The prosperity of most of the cities and towns of Canada, especially in the east, is intimately connected with their manufacturing industries, which provide employment for a large proportion of their gainfully occupied population. In the west the cities are more largely distributing centres, though manufactures are rapidly increasing there also.

Table 8, indicating the extent to which the manufacturing industries of Canada are concentrated in urban centers, shows by provinces the proportion of the gross manufacturing production contributed by cities and towns having a gross production of over \$1,000,000 each. In the more highly industrialized provinces of Ontario and Quebec such cities and towns in 1942 accounted for 92.9 p.c. and 92.0 p.c., respectively, of the totals for those provinces, while in the Maritime Provinces and British Columbia, where sawmilling, fish-packing, and dairying are leading industries, the proportions fell to 65.7 p.c. and 77.3 p.c., respectively. In the Prairie Provinces manufacturing is confined largely to a few urban centres.

8.—Cities and Towns Each with a Gross Manufacturing Production of over \$1,000,000, Number of Establishments and Total Gross Production in such Cities and Towns as a Percentage of the Grand Total, by Provinces, 1942

NOTE.—Statistics published in this table are in some cases higher than the figures published in Table 10, since, in the table below are included statistics of towns with less than three establishments and production of over \$1,000,000 each. It was not possible to publish this information, except in summary form in Table 10 without disclosing the operations of individual establishments.

Province	Cities and Towns with a Gross Production of over \$1,000,000 each	Establishments Reporting in Cities and Towns Producing over \$1,000,000 each	Total Production in Cities and Towns Producing over \$1,000,000 each	Total Production in each Province	Production in Cities and Towns as a Percentage of Total Production in each Province
	No.	No.	\$	\$	p.c.
Prince Edward Island.....	1	39	3,079,543	6,855,344	44.9
Nova Scotia.....	13	345	97,417,561	155,931,264	62.5
New Brunswick.....	13	297	87,789,404	123,839,475	70.9
Quebec.....	95	4,754	2,147,571,866	2,333,303,012	92.0
Ontario.....	140	7,358	3,545,629,229	3,817,396,404	92.9
Manitoba.....	6	790	230,174,548	259,554,350	88.7
Saskatchewan.....	6	279	89,500,396	120,256,733	74.4
Alberta.....	7	471	150,398,805	178,103,011	84.4
British Columbia.....	14	1,317	432,038,422	558,555,379	77.3
Canada.....	295	15,650	6,783,599,774	7,553,794,972	89.8

9.—Principal Statistics of the Manufacturing Industries of the Six Leading Manufacturing Cities of Canada, 1933-42

NOTE.—The dyeing, cleaning and laundry industry is included for the years prior to 1936.

City and Year		Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
		No.	\$	No.	\$	\$	\$
Montreal.....	1933	2,226	363,342,078	80,212	74,150,933	148,504,215	300,636,197
	1934	2,360	373,098,770	88,131	84,228,834	155,459,720	361,058,212
	1935	2,346	382,332,791	94,612	89,934,540	201,022,033	383,547,072
	1936	2,372	389,225,593	95,420	96,705,020	228,676,144	427,270,916
	1937	2,474	415,816,451	105,931	112,652,112	281,407,645	511,481,054
	1938	2,469	409,578,419	103,254	111,431,966	253,277,569	474,534,092
	1939	2,501	423,234,648	105,315	114,602,118	254,188,246	483,246,583
	1940	2,519	475,575,804	118,774	138,118,813	334,350,566	604,806,394
Toronto.....	1941	2,669	556,538,023	147,917	187,239,445	444,557,884	803,685,931
	1942	3,007	629,809,985	169,987	240,888,491	541,625,660	976,767,738
	1933	2,604	388,995,096	75,645	80,855,883	146,286,472	308,983,639
	1934	2,627	392,080,083	81,629	89,569,170	174,820,861	357,706,747
	1935	2,689	386,898,652	86,226	97,144,947	190,370,255	385,883,455
	1936	2,762	396,257,696	89,056	102,217,057	209,320,347	417,724,888
	1937	2,797	423,350,508	96,247	115,520,050	247,422,098	475,470,149
	1938	2,863	424,209,626	94,930	115,832,230	229,641,098	455,527,321
Hamilton.....	1939	2,885	447,009,768	98,702	122,553,435	240,532,281	482,532,331
	1940	2,911	500,559,305	112,136	145,538,148	306,675,426	595,913,172
	1941	3,045	554,317,600	133,099	184,267,132	391,328,916	756,923,939
	1942	3,211	635,981,329	151,639	228,875,152	451,198,158	886,256,494
	1933	469	171,625,714	21,524	21,523,337	35,672,272	83,530,255
	1934	494	174,755,759	24,072	25,772,958	44,548,853	100,272,872
	1935	484	176,246,963	26,769	30,162,244	53,740,074	114,691,789
	1936	466	176,519,530	28,625	32,288,022	61,676,060	130,578,232
Windsor.....	1937	479	182,730,036	32,616	40,255,040	83,978,873	170,651,205
	1938	471	186,397,262	31,313	38,297,830	71,849,817	150,394,481
	1939	461	206,584,330	31,512	39,563,423	70,829,034	152,746,340
	1940	474	230,821,923	39,081	54,139,253	106,595,186	212,587,274
	1941	491	255,862,917	45,421	72,845,604	136,403,197	283,670,019
	1942	482	273,212,977	50,744	85,111,817	166,078,144	347,752,196
	1933	247	66,398,372	10,212	10,719,819	25,752,258	49,359,245
	1934	251	63,066,481	11,926	15,057,327	43,208,280	76,487,032
Vancouver.....	1935	236	64,298,564	15,227	20,714,545	64,062,711	104,908,197
	1936	214	66,934,274	15,613	21,180,684	59,871,643	104,556,881
	1937	228	77,750,511	18,650	26,919,449	78,667,058	136,896,194
	1938	224	79,940,995	17,732	26,088,439	67,680,572	125,833,355
	1939	222	80,436,233	17,729	25,938,890	63,907,106	122,474,320
	1940	215	102,896,682	20,916	37,260,970	112,991,063	194,174,159
	1941	223	138,929,934	29,486	57,653,986	175,847,231	289,027,790
	1942	233	206,556,146	37,057	76,276,589	240,384,518	383,323,348
Winnipeg.....	1933	746	74,209,271	12,094	11,754,124	28,588,106	55,160,883
	1934	773	84,254,515	13,206	13,595,812	34,258,919	63,475,103
	1935	811	83,594,899	15,683	16,789,590	39,803,397	73,981,872
	1936	807	83,199,508	16,397	18,479,302	47,394,136	87,581,068
	1937	824	85,851,189	17,641	20,783,032	53,139,109	95,717,017
	1938	842	91,714,005	17,968	21,700,941	52,178,629	91,607,637
	1939	829	92,797,032	17,957	22,382,192	56,565,511	101,267,243
	1940	849	101,429,495	20,767	26,502,084	70,468,864	120,981,888
	1941	864	115,960,608	25,223	34,132,996	90,720,812	162,982,858
	1942	897	136,336,017	37,858	60,779,827	116,153,100	223,295,187
	1933	600	73,886,398	15,336	15,155,537	28,355,612	59,287,280
	1934	612	75,513,530	15,745	15,985,206	31,761,326	60,860,444
	1935	616	71,837,683	16,649	17,568,803	36,825,174	67,217,042
	1936	594	71,757,177	16,673	18,060,555	40,822,725	73,316,055
	1937	622	72,419,041	17,284	19,687,511	45,498,865	80,108,696
	1938	634	68,339,544	17,153	19,811,744	43,319,595	78,029,078
	1939	648	73,255,368	17,571	20,717,273	44,873,043	81,024,272
	1940	657	79,684,791	19,026	22,673,057	56,496,847	98,266,933
	1941	677	105,406,381	23,831	30,169,726	73,427,543	127,913,351
	1942	692	113,297,399	27,768	38,191,886	88,897,218	156,332,353

¹ Net value is derived from gross value by deducting cost of materials, fuel, and electricity. For cost of fuel and electricity in 1942, see Table 10.

10.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1942

Province and Municipality	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$	\$
P.E. Island—							
Charlottetown.....	39	1,960,434	485	442,428	38,422	1,995,841	3,079,543
Nova Scotia—							
Amherst.....	24	3,244,441	1,051	-1,336,563	135,852	2,231,296	4,205,298
Bridgetown.....	12	458,339	262	212,423	42,668	493,619	1,003,005
Dartmouth.....	14	7,465,065	311	389,708	105,657	2,497,148	3,794,068
Halifax.....	113	24,427,955	6,593	9,969,731	462,432	13,465,599	32,931,486
Lunenburg.....	15	1,275,352	514	577,962	44,636	1,508,407	2,448,637
New Glasgow.....	27	2,093,879	863	1,227,824	147,389	1,284,948	3,155,672
North Sydney.....	13	681,924	265	293,092	19,037	798,338	1,391,390
Pictou.....	7	769,643	437	663,015	33,290	551,913	1,818,329
Sydney.....	42	54,203,775	6,370	9,997,902	2,902,559	20,046,696	33,894,857
Truro.....	25	3,623,487	1,203	1,160,360	104,752	2,600,677	5,038,376
Windsor.....	14	1,443,850	383	319,566	26,652	1,354,316	1,984,087
Yarmouth.....	32	4,029,491	995	1,061,956	85,775	2,120,371	4,343,284
New Brunswick—							
Campbellton.....	15	1,376,099	509	569,945	42,753	501,885	1,548,721
Fredericton.....	28	1,807,658	564	561,841	58,605	1,548,371	2,761,062
Moncton.....	51	8,345,746	2,732	3,809,768	265,615	7,728,548	13,389,520
Newcastle.....	13	852,194	365	306,318	16,752	1,185,501	1,741,184
Sackville.....	13	1,731,967	599	769,451	36,876	741,235	2,700,325
Saint John.....	121	20,555,857	4,702	5,773,229	580,016	21,246,668	33,365,934
St. Stephen.....	12	2,500,082	578	592,742	59,101	1,510,315	2,746,916
Sussex.....	11	528,958	239	249,695	11,473	739,214	1,509,631
Quebec—							
Acton Vale.....	12	1,646,889	680	610,957	41,932	1,439,241	3,186,440
Asbestos.....	13	1,047,937	375	455,151	112,292	1,518,502	2,245,006
Beauharnois.....	12	10,368,879	1,513	2,335,522	1,378,942	4,627,925	12,394,802
Berthier.....	12	4,179,446	498	508,929	96,254	1,223,470	2,677,322
Brownburg.....	7	8,524,999	3,228	4,683,336	167,103	4,739,227	10,896,235
Cabano.....	5	276,181	274	275,701	812	542,188	1,081,033
Cap-de-la-Madeleine	19	2,260,600	1,500	1,957,676	285,892	3,458,667	5,853,224
Chambly Canton.....	7	1,131,756	487	547,320	61,472	849,895	1,889,061
Coaticoumi.....	19	699,013	335	330,977	22,551	484,150	1,129,685
Coaticook.....	18	2,837,384	922	788,269	57,933	2,841,404	4,468,961
Drummondville.....	26	15,399,230	4,720	5,578,435	746,719	5,686,667	19,196,615
Farnham.....	20	4,336,091	906	912,889	109,337	2,573,954	4,578,288
Granby.....	38	14,919,582	3,849	4,105,379	251,425	9,166,909	19,665,655
Grand Mère.....	17	18,015,126	1,813	2,153,962	753,551	4,037,247	9,899,162
Hull.....	48	18,711,609	3,589	4,785,321	1,024,825	12,688,823	22,327,315
Huntingdon.....	12	1,324,167	496	682,155	60,285	1,977,117	3,580,629
Joliette.....	48	3,735,761	1,647	1,556,736	206,909	3,529,997	6,588,564
Jonquière.....	14	1,354,345	354	536,396	102,918	1,091,176	2,266,848
Lachine.....	33	39,300,871	6,022	13,232,146	694,038	17,630,511	46,137,523
La Pêrade.....	10	468,678	213	174,285	35,030	989,950	1,339,359
Laprairie.....	12	2,682,282	478	600,049	265,420	391,884	1,637,109
LaSalle.....	13	14,078,610	1,420	1,861,497	422,644	8,682,415	17,324,270
Lennoxville.....	7	974,292	274	360,773	117,185	473,027	1,264,504
Lévis.....	20	801,480	253	311,396	18,184	639,276	1,134,136
Loretteville.....	20	667,163	561	470,690	13,353	732,244	1,427,565
MacMasterville.....	5	7,657,415	787	1,414,013	149,432	5,094,116	8,877,224
Marieville.....	16	1,159,297	635	521,321	21,206	1,726,287	2,553,181
Matane.....	13	1,192,313	413	276,651	1,904	655,850	1,423,141
Mégantic.....	14	789,060	662	532,371	15,796	732,429	1,431,830
Montmagny.....	29	3,274,146	1,225	1,251,051	69,154	2,072,518	4,758,687
Montreal.....	3,007	629,809,985	169,987	240,888,491	15,168,470	541,625,660	976,767,738
Montreal East.....	11	41,272,359	2,981	4,914,287	2,664,292	66,625,403	91,066,697
Nicolet.....	12	1,001,023	423	360,850	16,329	990,906	1,796,119
Outremont.....	16	7,059,430	1,161	1,452,653	69,382	6,967,972	13,111,870
Plessisville.....	15	1,635,511	740	669,161	37,322	1,276,192	2,457,129
Pointe-aux-Trembles	8	803,132	397	455,324	30,543	712,340	1,487,988
Princeville.....	7	453,727	131	140,447	8,384	996,772	1,229,989
Québec.....	321	102,429,456	22,730	25,244,525	2,543,234	32,685,722	83,637,926
Richmond.....	7	1,113,821	454	447,203	19,250	710,671	1,349,914
Rimouski.....	24	2,755,598	794	755,628	25,365	1,983,177	3,391,993
Rivière-du-Loup.....	21	1,549,315	363	453,698	61,987	492,786	1,219,367
St. Césaire.....	13	493,418	332	217,411	12,669	753,197	1,225,723
St. George East.....	13	827,691	462	386,056	40,127	670,936	1,445,182
St. Hyacinthe.....	67	11,828,086	5,190	4,918,773	354,270	11,423,219	20,750,012
St. Jérôme.....	32	9,564,300	2,732	2,709,396	246,777	6,602,981	13,355,767
St. Jean.....	56	14,633,689	4,385	5,276,286	501,223	8,815,388	17,510,525

¹ Net value is derived from gross value by deducting cost of materials, fuel and electricity.

10.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1942—continued

Province and Municipality	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$	\$
Quebec—concluded							
St. Lambert.....	9	1,177,418	438	497,087	36,127	991,885	2,332,907
St. Laurent.....	18	11,891,188	7,713	12,535,377	358,017	9,040,179	28,380,654
St. Pierre.....	6	9,551,296	1,855	3,368,954	579,289	2,446,640	12,466,197
St. Remi.....	10	575,603	227	160,645	22,251	660,736	1,257,281
Shawinigan Falls.....	40	67,196,869	5,757	8,604,518	8,356,646	18,363,469	52,441,920
Sherbrooke.....	85	27,998,514	8,159	9,740,089	752,024	19,209,636	42,051,512
Terrebonne.....	16	679,320	366	412,114	16,907	890,653	1,660,749
Three Rivers.....	66	62,503,676	7,016	9,971,250	4,198,074	19,049,134	44,653,278
Thurso.....	9	1,019,708	260	276,417	6,633	723,584	1,275,406
Valleyfield.....	31	12,024,046	3,989	4,592,028	462,898	9,083,178	18,248,805
Victoriaville.....	29	3,334,877	1,765	1,813,456	79,093	3,541,246	7,283,686
Warwick.....	11	1,125,992	348	348,743	50,454	1,302,898	2,120,147
Waterloo.....	18	2,663,506	1,227	1,198,349	72,796	3,426,458	6,966,044
Westmount.....	10	2,845,270	1,377	2,069,323	203,394	2,802,009	7,462,946
Windsor.....	8	4,864,482	894	1,292,763	427,321	2,594,802	5,832,824
Ontario—							
Acton.....	17	5,015,713	941	1,124,158	128,990	6,287,845	8,586,759
Almonte.....	11	1,094,945	389	426,451	33,116	1,538,031	2,481,581
Almorbisburg.....	10	5,138,769	507	885,943	705,998	1,195,896	6,117,483
Aurora.....	9	1,924,513	421	557,660	30,753	2,088,286	3,236,090
Barrie.....	16	1,571,335	501	642,038	55,052	3,383,839	4,525,613
Belleville.....	47	12,374,001	2,906	3,654,720	450,535	5,535,305	13,617,659
Bloomfield.....	9	840,574	165	134,218	15,466	709,606	1,075,363
Brampton.....	20	2,382,373	791	1,154,352	48,101	2,476,563	4,210,850
Brantford.....	118	43,093,897	12,139	17,530,778	895,546	26,136,562	59,062,769
Brockville.....	34	6,049,141	1,404	2,003,265	206,523	10,899,137	15,788,479
Burlington.....	9	1,536,275	373	531,158	46,078	1,898,696	2,989,368
Caledonia.....	9	930,139	181	259,819	77,631	995,590	1,990,870
Campbellford.....	14	1,158,536	441	449,636	51,131	2,125,993	3,080,915
Carleton Place.....	12	2,803,982	867	1,068,551	86,482	2,710,829	4,656,271
Chatham.....	57	22,703,120	2,614	3,889,646	564,988	17,412,702	25,852,633
✓ Chesley.....	11	846,953	288	328,146	25,981	587,867	1,114,935
Cobourg.....	20	3,088,382	656	877,535	111,743	2,111,916	4,471,062
✓ Collingwood.....	19	3,833,239	1,619	2,761,879	85,043	3,769,590	7,917,113
Cornwall.....	46	32,511,137	5,343	7,144,254	1,742,422	10,781,817	28,403,101
Dryden.....	11	4,812,706	428	650,357	239,664	1,240,751	2,963,753
Dundas.....	24	10,064,851	1,945	3,011,610	77,289	2,940,743	8,835,517
Dunnville.....	19	3,668,762	899	1,043,436	68,182	1,846,307	3,631,743
✓ Durham.....	12	547,399	256	290,078	34,527	578,226	1,036,806
Eastview.....	12	803,525	301	449,886	43,409	2,316,792	2,996,426
Elmira.....	18	2,369,980	427	590,998	47,785	1,135,376	2,775,202
Forest.....	12	451,229	184	187,232	18,064	671,942	1,130,009
Fort Erie.....	15	11,268,437	2,318	4,450,161	73,454	5,039,543	12,597,467
Fort William.....	45	33,110,112	6,849	10,721,418	1,391,166	14,121,841	42,208,054
Frankford.....	10	3,585,097	992	1,279,596	41,980	1,390,779	3,027,635
Galt.....	74	18,066,451	6,130	8,495,969	531,859	10,452,416	26,433,968
Gananoque.....	15	4,353,171	897	1,314,243	136,075	2,915,035	6,059,507
Georgetown.....	14	3,742,106	683	973,025	139,786	2,298,940	4,086,747
Goderich.....	16	2,621,424	368	479,888	167,449	3,930,419	5,507,388
Gravenhurst.....	7	781,764	323	406,239	14,057	628,322	1,298,352
Grimsbv.....	15	1,045,498	480	520,978	33,737	1,102,508	2,050,733
Guelph.....	87	16,962,638	5,609	7,630,275	527,370	16,780,099	32,680,095
Hagersville.....	6	802,007	92	117,210	35,939	595,074	1,288,360
Hamilton.....	482	273,212,977	50,744	85,111,817	11,207,674	166,078,144	347,752,196
✓ Hanover.....	15	2,857,433	954	1,078,312	58,671	1,836,452	3,497,420
Hespeler.....	15	5,473,049	1,443	1,845,196	184,258	5,728,396	10,061,563
Humberstone.....	11	4,515,691	656	725,663	58,187	5,284,805	7,910,352
Ingersoll.....	23	5,902,888	1,624	2,299,458	149,049	5,085,587	10,621,293
Kincardine.....	12	970,611	472	455,207	36,471	896,943	1,658,508
Kingston.....	52	30,754,969	5,761	8,417,226	657,068	15,160,621	33,337,664
Kitchener.....	154	44,464,199	11,950	16,611,411	981,419	46,706,114	84,878,828
Leamington.....	11	7,779,486	1,098	1,200,672	139,368	5,969,838	10,440,467
Leaside.....	40	23,505,201	5,484	8,655,493	300,391	15,161,673	36,180,669
Lindsay.....	30	5,534,256	1,709	2,192,781	220,352	4,149,152	10,343,578
Listowel.....	16	1,313,002	437	492,402	78,832	1,979,351	3,127,489
London.....	237	47,948,184	12,827	18,186,906	1,163,197	36,720,614	79,763,343
Meaford.....	15	953,199	339	361,155	31,870	779,255	1,438,607
Merrittton.....	12	11,435,526	1,986	3,881,372	569,665	8,099,935	17,006,545
Midland.....	17	3,884,445	914	1,190,950	52,325	3,049,575	5,705,548
Milton.....	13	2,440,822	446	599,614	130,850	1,083,303	2,965,006
Mount Forest.....	14	419,073	267	245,651	18,497	571,310	1,056,254
Napanee.....	17	1,142,983	343	397,725	51,491	627,291	1,402,770

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

10.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1942—continued

Province and Municipality	Estab- lish- ments	Capital	Em- ploy- ees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$	\$
Ontario—concluded							
New Hamburg.....	12	651,610	279	281,023	22,402	615,062	1,352,807
New Liskeard.....	12	2,188,266	628	826,462	28,100	1,466,096	2,660,374
Newmarket.....	12	4,266,673	903	1,359,880	63,517	3,030,060	5,888,957
New Toronto.....	25	49,089,638	5,770	11,518,234	1,193,712	49,786,025	85,850,936
Niagara Falls.....	66	45,130,600	7,863	13,079,782	4,396,562	27,930,158	54,729,911
North Bay.....	25	1,150,292	358	460,488	41,319	758,669	1,697,137
Oakville.....	18	1,847,797	522	665,473	43,697	1,700,864	3,445,913
Orangeville.....	13	771,183	198	173,835	20,699	681,741	1,004,953
Orillia.....	42	5,692,183	1,966	2,462,439	196,369	3,055,488	7,578,415
Ottawa.....	208	39,852,382	10,687	15,775,003	1,015,585	19,749,297	47,165,226
Owen Sound.....	41	7,729,982	2,416	3,219,820	171,157	4,318,033	10,476,371
Paris.....	19	6,899,792	1,306	1,519,871	87,920	3,065,394	5,790,162
Pembroke.....	33	4,178,883	1,124	1,356,211	124,736	2,283,789	4,718,022
Penetanguishene.....	13	1,328,729	445	530,080	22,223	881,802	1,828,305
Perth.....	17	4,280,431	870	1,155,999	74,796	2,334,369	5,682,318
Peterborough.....	82	60,669,698	9,012	14,215,468	714,323	38,686,722	63,050,687
Port Arthur.....	34	18,797,004	2,687	4,786,514	913,649	6,792,329	15,863,272
Port Elgin.....	9	841,744	212	259,371	10,188	550,011	1,027,275
Port Hope.....	20	5,035,488	1,146	1,757,596	178,661	2,315,937	7,153,665
Prescott.....	14	913,703	511	486,596	13,859	498,918	1,606,726
Preston.....	29	8,639,423	2,439	3,363,733	168,527	5,759,408	12,180,453
Renfrew.....	26	3,234,056	1,010	1,190,713	109,850	2,726,754	5,971,782
Richmond Hill.....	11	1,844,706	653	1,114,761	25,511	858,338	3,483,887
Ridgetown.....	10	472,680	186	205,333	13,205	585,264	1,075,752
St. Catharines.....	95	45,905,049	10,800	18,572,948	1,030,147	52,785,849	89,542,709
St. Mary's.....	18	5,511,966	483	671,172	491,955	2,058,772	4,204,437
St. Thomas.....	38	4,445,616	1,523	2,045,504	121,859	3,626,876	8,165,217
Sarnia.....	44	22,304,998	4,280	7,546,384	2,762,977	36,905,951	58,503,317
Sault Ste. Marie.....	48	57,405,589	5,156	9,555,877	4,251,184	16,279,902	47,647,080
Simcoe.....	24	9,396,543	1,178	1,451,945	114,724	7,801,305	11,866,392
Smith's Falls.....	20	4,387,780	1,051	1,438,262	76,164	1,996,666	3,985,788
Southampton.....	5	600,087	392	470,947	26,341	786,910	1,534,662
Stratford.....	57	9,251,517	3,042	4,492,572	253,445	8,089,480	14,361,330
Strathroy.....	18	1,482,146	648	651,744	33,903	2,307,288	4,101,289
Streetsville.....	10	483,029	167	232,711	26,808	1,379,856	1,842,518
Swansea.....	6	2,730,105	660	1,059,468	122,608	1,599,767	3,874,560
Tavistock.....	10	626,551	263	256,222	18,707	1,268,567	1,758,827
Thorold.....	18	15,162,825	1,675	3,373,485	1,825,822	7,013,390	15,664,762
Tillsonburg.....	17	1,707,547	420	414,072	79,192	2,548,547	3,522,221
Timmins.....	22	1,823,784	431	560,804	39,934	778,668	2,053,069
Toronto.....	3,211	635,981,329	151,639	228,875,152	11,146,651	451,198,158	886,256,494
Trenton.....	23	4,422,756	1,336	1,453,451	272,105	5,504,352	8,974,781
Walkerton.....	16	4,267,388	447	533,075	33,056	693,979	1,491,267
Wallaceburg.....	14	6,231,547	2,168	3,156,843	392,291	2,429,025	9,264,135
Waterford.....	8	601,692	177	156,514	14,037	757,326	1,173,030
Waterloo.....	47	12,657,032	2,978	4,209,282	191,312	5,781,356	15,657,469
Welland.....	54	54,095,003	9,803	16,628,147	4,590,322	40,336,393	80,304,156
Wellington.....	11	871,796	161	133,222	30,733	659,791	1,073,291
Weston.....	24	10,214,410	3,766	5,761,448	209,825	4,745,028	11,458,133
Whitby.....	12	1,281,920	406	488,416	30,148	873,445	1,619,242
Windsor.....	233	206,556,146	37,057	76,276,589	3,873,226	240,384,518	383,323,348
Wingham.....	12	748,943	303	348,959	23,239	1,039,090	1,657,678
Woodstock.....	57	9,455,589	3,189	4,274,581	271,455	7,998,323	17,312,324
Manitoba—							
Brandon.....	34	2,734,462	548	620,135	86,445	3,339,473	4,930,761
St. Boniface.....	47	14,054,744	2,967	4,355,730	404,599	41,660,973	56,026,136
Selkirk.....	7	2,481,776	841	1,242,189	350,533	1,318,383	3,716,579
The Pas.....	9	826,825	194	275,062	5,821	355,072	1,080,893
Winnipeg.....	692	113,297,399	27,768	38,191,886	2,683,515	88,897,218	156,332,353
Saskatchewan—							
Moose Jaw.....	43	7,205,998	1,318	1,877,071	391,914	20,542,708	26,984,304
Prince Albert.....	27	2,784,684	757	1,007,836	112,877	7,020,035	9,419,417
Regina.....	104	14,942,348	3,040	4,862,054	716,370	19,218,399	30,130,935
Saskatoon.....	80	9,202,761	1,631	2,260,513	306,487	14,099,526	20,911,796
Swift Current.....	12	365,346	105	121,805	21,948	720,795	1,019,525
Yorkton.....	13	477,417	135	146,270	30,358	695,937	1,034,419

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

10.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1942—concluded

Province and Municipality	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$	\$
Alberta—							
Calgary.....	210	44,088,643	5,911	8,725,591	1,447,140	37,014,899	60,916,956
Edmonton.....	194	26,051,547	6,221	8,739,710	577,774	51,641,594	68,714,458
Lethbridge.....	30	2,540,044	508	719,741	65,130	2,135,225	4,962,285
Medicine Hat.....	23	6,887,224	989	1,171,827	68,204	5,972,163	8,874,054
Red Deer.....	12	528,195	96	120,467	25,805	1,107,335	1,458,442
British Columbia—							
Duncan.....	13	869,613	405	666,920	52,640	772,647	1,875,114
Kelowna.....	23	1,586,516	571	655,319	39,592	1,343,044	2,541,326
Mission.....	16	834,228	189	211,292	26,956	1,241,799	1,653,318
Nanaimo.....	20	482,963	267	313,227	26,503	428,415	1,006,609
Nelson.....	26	1,153,688	310	391,379	31,365	645,904	1,385,534
New Westminster.....	89	18,215,509	4,779	7,138,298	415,023	18,072,901	32,690,186
North Vancouver.....	24	20,118,670	11,324	21,992,408	595,744	18,953,919	64,417,423
Port Alberni.....	8	5,176,246	1,083	1,870,246	12,401	3,630,160	7,327,794
Port Moody.....	5	1,532,475	474	763,016	24,621	1,310,419	2,689,007
Prince Rupert.....	23	7,935,656	1,789	3,931,671	144,482	3,767,624	12,402,906
Vancouver.....	897	136,336,017	37,858	60,779,827	2,599,896	116,153,100	223,295,187
Vernon.....	22	1,118,959	337	391,456	48,857	926,176	1,630,215
Victoria.....	150	16,082,369	5,245	8,864,434	436,271	9,169,579	24,339,155

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

11.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1942

County	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$
Prince Edward Island—						
Kings.....	73	406,543	279	144,204	737,619	1,043,460
Prince.....	81	752,425	368	201,894	1,442,453	1,944,672
Queens.....	89	2,208,400	614	495,963	2,609,243	3,867,212
Totals.....	243	3,367,368	1,261	842,061	4,789,315	6,855,344
Nova Scotia—						
Annapolis.....	51	1,125,807	567	429,951	1,251,979	2,313,753
Antigonish.....	25	164,116	138	95,023	255,363	442,785
Cape Breton North.....	17	700,906	286	308,987	834,747	1,475,425
Cape Breton South.....	84	54,532,478	6,637	10,228,070	20,568,395	34,882,638
Colchester.....	95	4,488,605	1,728	1,554,053	3,987,582	7,310,785
Cumberland.....	92	4,759,293	1,827	1,996,400	3,546,855	6,801,435
Digby.....	88	1,420,886	1,006	897,437	1,307,145	2,951,213
Guysborough.....	41	330,721	276	145,374	425,666	742,294
Halifax.....	198	42,618,712	7,957	11,941,044	29,305,809	51,447,487
Hants.....	61	4,062,044	941	763,172	2,230,061	3,938,368
Inverness.....	72	201,093	256	88,031	391,990	621,815
Kings.....	85	1,241,303	740	542,311	1,689,989	2,711,945
Lunenburg.....	137	2,408,166	1,268	1,088,627	2,487,213	4,366,704
Pictou.....	101	15,067,565	4,895	7,222,253	10,476,703	21,458,146
Queens.....	29	14,215,300	1,339	2,231,808	2,115,228	6,200,832
Richmond.....	24	57,359	91	17,328	52,377	88,316
Shelburne.....	53	847,088	568	480,334	1,364,753	2,457,066
Victoria.....	28	133,729	134	73,892	242,754	560,411
Yarmouth.....	61	4,293,618	1,164	1,169,847	2,659,071	5,159,846
Totals.....	1,332	152,668,789	31,318	41,273,942	85,193,680	155,931,264
New Brunswick—						
Albert.....	18	716,873	192	171,601	708,466	1,368,398
Carleton.....	47	1,064,988	394	339,593	986,995	1,635,215
Charlotte.....	53	10,904,355	2,314	2,146,280	5,234,564	9,302,580
Gloucester.....	89	10,057,769	1,446	1,870,049	4,073,879	9,178,811
Kent.....	47	235,340	234	100,304	443,426	663,658
Kings.....	53	675,258	403	342,639	1,280,384	2,260,363
Madawaska.....	40	8,209,449	851	1,138,974	3,584,234	8,227,623
Northumberland.....	59	1,651,166	941	708,063	2,034,982	3,285,176
Queens.....	25	436,507	223	219,281	502,466	1,028,470
Restigouche.....	51	20,398,349	2,176	3,094,354	6,247,305	14,664,733

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

11.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1942—continued

County	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$
New Brunswick—conc.						
Saint John.....	144	32,263,875	6,966	9,415,079	24,880,345	44,563,040
Sunbury.....	8	50,725	83	57,640	140,835	249,229
Victoria.....	22	936,935	523	409,903	954,242	1,600,071
Westmorland.....	127	11,287,653	3,924	5,051,941	10,076,612	18,808,209
York.....	84	6,167,593	1,512	1,481,105	3,742,492	6,943,899
Totals.....	367	105,056,835	22,182	26,546,806	64,891,227	123,839,475
Quebec²—						
Abitibi.....	177	1,531,555	845	650,747	2,005,628	3,339,686
Argenteuil.....	70	15,937,453	4,705	6,376,708	8,987,932	18,841,191
Arthabaska.....	120	5,606,857	2,564	2,513,123	7,267,241	12,450,390
Bagot.....	73	2,658,846	954	814,238	3,037,092	5,240,864
Beauce.....	172	2,913,866	1,556	1,114,530	3,147,910	5,369,173
Beauharnois.....	59	50,963,549	9,040	12,408,005	23,299,304	46,938,745
Bellechasse.....	95	505,241	258	132,646	1,044,814	1,369,728
Berthier.....	91	4,932,573	884	783,396	2,423,368	4,507,028
Bonaventure.....	90	1,317,732	575	421,380	1,128,347	2,116,337
Brome.....	37	494,038	221	181,157	797,021	1,115,756
Chambly.....	45	12,207,806	7,713	12,500,449	9,150,875	29,216,229
Champlain.....	184	46,364,158	5,194	6,427,939	14,728,103	30,988,406
Charlevoix East.....	45	3,918,350	357	447,994	901,097	2,179,292
Charlevoix West.....	33	151,213	64	32,205	127,898	187,983
Châteauguay.....	28	757,552	355	255,884	1,324,837	2,222,542
Chicoutimi.....	159	188,412,656	11,122	17,087,017	70,715,305	140,720,980
Compton.....	67	5,806,654	1,488	1,720,328	4,850,561	9,425,711
Deux-Montagnes.....	33	514,682	172	113,853	650,107	881,743
Dorchester.....	101	1,064,083	449	307,574	1,621,018	2,422,455
Drummond.....	81	20,459,073	6,421	7,396,014	9,745,170	28,084,092
Frontenac.....	95	1,304,809	990	722,633	1,933,617	2,996,759
Gaspé East.....	122	3,792,925	954	870,039	2,698,865	5,147,622
Gaspé West.....	31	501,516	282	242,961	766,246	1,159,295
Gatineau.....	54	345,968	202	117,359	636,105	987,309
Hull.....	71	54,376,602	5,238	7,838,056	19,093,364	38,649,226
Huntingdon.....	30	1,509,162	566	732,775	2,476,657	4,195,137
Iberville.....	19	832,338	274	268,774	1,074,160	1,559,300
Jesus Island.....	39	782,184	258	215,849	428,000	815,568
Joliette.....	117	5,949,097	2,296	2,209,423	5,906,945	10,496,430
Kamouraska.....	78	1,171,968	572	371,819	1,224,590	1,938,243
Labelle.....	81	902,818	411	272,780	1,234,733	1,908,249
Lac St. Jean East.....	80	18,823,046	971	1,658,288	3,904,699	9,227,893
Lac St. Jean West.....	133	13,132,365	982	1,174,678	3,188,957	6,422,869
Laprairie.....	27	3,747,568	642	809,547	1,826,543	3,667,178
L'Assomption.....	61	31,706,844	13,047	17,453,660	6,993,141	35,746,669
Lévis.....	71	19,800,631	4,799	7,488,512	7,525,601	24,220,445
L'Islet.....	85	1,243,170	532	449,021	1,005,594	1,775,003
Lotbinière.....	97	747,861	419	238,212	1,573,319	2,168,130
Madeleine Islands.....	22	178,520	262	66,674	435,307	626,373
Maskinongé.....	79	2,634,077	1,140	976,544	3,237,883	6,128,286
Matane.....	67	2,432,573	931	767,182	1,721,926	3,710,025
Matapédia.....	68	802,616	520	337,509	1,625,508	2,162,239
Mégantic.....	100	2,717,407	1,185	979,847	2,411,349	4,218,185
Missisquoi.....	62	11,086,013	2,894	3,036,572	7,874,815	14,843,056
Montcalm.....	60	749,684	303	184,502	1,136,869	1,604,575
Montmagny.....	76	3,655,425	1,413	1,365,013	2,658,955	5,607,307
Montmorency No. 1.....	50	11,017,022	542	685,528	1,180,640	3,432,977
Montmorency No. 2.....	16	206,929	105	97,530	244,927	400,819
(Ile d'Orleans)						
Montreal and Island.....	3,170	773,477,093	198,883	289,879,143	665,884,171	1,215,502,387
Napierville.....	21	940,769	339	246,682	1,259,934	2,037,210
Nicolet.....	118	1,759,587	693	526,362	2,977,526	4,118,994
Papineau.....	93	12,132,494	1,610	1,969,168	5,142,261	10,815,309
Pontiac.....	37	609,708	268	193,194	998,531	1,483,813
Portneuf.....	168	15,599,535	1,986	2,418,397	6,404,556	13,226,357
Quebec.....	394	108,137,306	25,806	28,424,151	39,553,296	98,055,584
Richelieu.....	68	45,323,488	8,397	14,198,036	15,089,535	48,963,509
Richmond.....	67	9,106,728	2,217	2,765,714	6,988,339	13,132,505
Rimouski.....	129	3,785,185	1,261	1,069,854	3,439,342	5,574,565
Rivière-du-Loup.....	101	2,179,413	645	642,154	1,782,352	2,950,625
Rouville.....	65	2,230,949	1,172	884,637	3,563,563	5,185,384
Saguenay.....	47	27,286,276	1,218	1,785,647	3,789,284	9,390,623
Shefford.....	112	18,970,436	5,416	5,660,224	14,625,412	29,675,543

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.² For footnote, see page 79.

11.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1942—continued

County	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$
Quebec²—concluded						
Sherbrooke.....	101	29,100,128	8,474	10,124,899	19,802,975	43,485,859
Soulanges.....	21	483,100	174	155,588	366,145	1,171,349
Stanstead.....	81	11,738,680	4,739	5,442,405	28,650,964	44,523,361
St. Hyacinthe.....	125	12,360,402	5,396	5,052,324	12,473,532	22,106,971
St. Jean.....	69	15,242,236	4,533	5,397,655	9,488,995	18,484,977
St. Maurice.....	159	130,039,633	12,925	18,658,362	37,527,503	97,736,665
Témiscamingue.....	81	43,098,305	1,795	3,057,077	24,526,253	38,286,601
Témiscouata.....	80	965,606	783	646,688	1,641,455	2,868,488
Terrebonne.....	156	42,498,954	10,410	11,271,748	24,992,910	42,697,279
Vaudreuil.....	42	697,782	313	250,609	581,299	1,404,458
Verchères.....	52	8,452,913	1,235	1,802,088	6,086,740	10,487,590
Wolfe.....	71	773,016	350	278,898	1,020,510	1,550,759
Yamaska.....	72	694,871	312	210,692	1,515,106	1,952,749
Totals	9,342	1,883,353,668	399,017	536,329,170	1,193,445,432	2,333,303,012
Ontario—						
Addington.....	34	1,145,035	275	295,017	1,267,935	2,068,821
Algoma.....	94	59,324,618	5,674	10,156,268	17,845,822	50,001,511
Brant.....	162	50,372,105	13,548	19,176,367	30,351,054	66,373,102
Bruce.....	146	6,179,551	2,279	2,464,433	6,729,096	10,956,654
Carleton.....	303	41,837,965	11,376	16,595,037	24,014,298	53,035,473
Cochrane.....	103	63,467,997	3,179	5,747,961	9,408,127	27,048,699
Dufferin.....	34	960,708	261	225,912	1,405,436	1,853,846
Dundas.....	64	2,394,800	466	526,094	4,275,785	5,671,944
Durham.....	64	8,538,591	1,868	2,729,376	4,720,570	13,301,779
Elgin.....	94	6,033,699	2,018	2,585,795	7,617,944	13,557,480
Essex.....	308	228,208,109	39,816	79,614,959	254,340,056	409,316,982
Frontenac.....	119	31,313,191	5,934	8,528,909	16,628,195	35,124,553
Glengarry.....	90	826,592	360	262,783	2,011,808	2,629,416
Grenville.....	56	6,926,362	1,362	1,660,023	7,316,757	11,352,220
Grey.....	171	13,039,307	4,302	5,200,985	9,847,648	19,396,949
Haldimand.....	61	5,725,259	1,278	1,514,785	4,329,316	8,131,220
Haliburton.....	29	749,763	347	297,156	562,252	1,038,059
Halton.....	87	15,326,243	3,103	4,046,189	13,980,950	23,161,048
Hastings.....	221	30,587,189	6,605	7,913,160	20,246,755	39,119,548
Huron.....	137	5,524,895	1,473	1,546,124	8,937,308	12,980,028
Kenora.....	57	16,951,649	1,317	2,178,474	12,636,697	18,785,734
Kent.....	140	32,174,379	5,949	8,639,632	24,729,259	44,221,831
Lambton.....	130	26,585,365	5,116	8,600,145	43,345,529	67,038,760
Lanark.....	115	13,031,372	3,407	4,274,712	9,745,228	18,421,545
Leeds.....	135	10,854,172	2,528	3,464,783	15,646,070	24,027,149
Lennox.....	43	1,278,030	430	452,409	1,340,381	2,279,515
Lincoln.....	170	61,792,681	14,066	23,894,477	64,233,840	112,763,323
Manitoulin.....	18	185,488	75	48,589	274,821	386,994
Middlesex.....	340	50,910,025	13,825	19,162,802	42,818,641	88,709,661
Muskoka.....	60	4,423,946	1,184	1,336,699	3,933,813	7,085,949
Nipissing.....	75	3,935,277	1,211	1,356,716	2,629,510	5,213,185
Norfolk.....	72	11,994,902	2,325	2,617,762	17,859,878	23,928,656
Northumberland.....	122	5,451,371	1,545	1,692,926	6,503,399	10,738,536
Ontario.....	120	55,762,251	17,157	27,885,503	105,233,729	147,679,015
Oxford.....	175	20,211,382	6,049	7,906,007	21,702,080	40,307,877
Parry Sound.....	77	23,022,704	4,777	6,861,108	10,218,770	18,721,992
Peel.....	68	34,734,083	6,393	11,020,028	13,957,015	31,236,595
Perth.....	162	17,863,238	4,591	6,272,788	16,396,207	27,528,705
Peterborough.....	131	60,979,950	9,170	14,319,455	39,392,973	63,966,314
Prescott.....	113	5,103,995	852	1,191,747	4,700,308	7,647,939
Prince Edward.....	73	2,993,526	809	596,063	3,213,695	4,827,614
Rainy River.....	40	9,853,080	862	1,456,370	3,639,693	7,005,746

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

² In 1941 several counties were sub-divided as follows:—

Charlevoix.....	into	Charlevoix East and Charlevoix West.
Gaspé.....	"	Gaspé East, Gaspé West and Madeleine Islands.
Hull.....	"	Gatineau and Hull.
Lac St. Jean.....	"	Lac St. Jean East and Lac St. Jean West.
Matane.....	"	Matane and Matapédia.
Montmorency.....	"	Montmorency No. 1 and Montmorency No. 2 (Ile d'Orléans).
Montreal and Jesus Is.	"	Jesus Island and Montreal Island.
Témiscouata.....	"	Rivière-du-Loup and Témiscouata.

11.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1942—continued

County	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$
Ontario—concluded						
Renfrew.....	189	16,446,953	3,306	3,707,897	8,312,840	16,638,599
Russell.....	71	694,734	269	204,065	1,764,831	2,297,711
Simcoe.....	203	17,202,684	5,795	7,880,044	16,395,155	30,508,414
Stormont.....	98	34,631,693	5,699	7,595,715	13,728,075	32,342,524
Sudbury.....	131	92,714,374	6,571	11,679,698	77,796,494	104,028,487
Thunder Bay.....	154	52,818,057	9,920	15,830,897	21,480,830	59,395,758
Timiskaming.....	81	3,790,470	1,126	1,343,945	2,497,973	4,669,348
Victoria.....	76	6,522,074	2,067	2,537,678	5,314,563	12,015,054
Waterloo.....	416	94,510,759	26,109	35,873,489	79,920,686	158,145,493
Welland.....	249	175,635,469	26,272	45,158,850	156,727,501	301,242,639
Wellington.....	192	22,718,603	7,687	10,300,783	22,782,877	44,959,166
Wentworth.....	540	285,200,720	52,980	88,392,795	170,398,814	358,699,065
York.....	3,491	781,033,422	185,982	283,954,935	569,628,807	1,113,788,233
District of Patricia.....	7	24,614	13	6,386	8,889	23,946
Totals.....	10,711	2,632,519,471	542,958	840,783,705	2,056,746,983	3,817,396,404
Manitoba—						
No. 1.....	54	308,206	174	102,771	1,033,369	1,297,253
No. 2.....	36	488,759	148	128,782	935,994	1,229,189
No. 3.....	23	246,275	88	73,528	710,534	884,855
No. 4.....	12	108,405	43	81,656	162,019	234,449
No. 5.....	49	19,417,265	2,254	3,907,290	6,138,368	12,273,999
No. 6.....	770	137,081,310	31,273	43,223,153	132,921,483	217,548,574
No. 7.....	61	2,887,724	610	660,310	3,597,011	5,298,573
No. 8.....	13	264,184	67	66,833	844,818	1,076,923
No. 9.....	21	3,094,279	1,168	1,625,380	1,703,839	4,709,892
No. 10.....	22	843,678	147	147,511	731,177	1,272,774
No. 11.....	21	252,021	93	74,421	872,774	1,080,935
No. 12.....	47	259,861	135	75,427	825,784	1,052,839
No. 13.....	39	336,974	165	104,123	626,774	866,584
No. 14.....	43	278,574	199	107,871	743,545	1,016,307
No. 15.....	20	199,158	71	46,542	398,893	607,282
No. 16.....	56	9,835,804	884	1,229,541	7,001,927	9,303,922
Totals.....	1,287	175,902,477	37,519	51,605,139	159,248,309	259,554,350
Saskatchewan—						
No. 1.....	25	1,242,997	108	137,907	715,468	1,025,349
No. 2.....	14	427,385	76	80,366	650,917	913,029
No. 3.....	12	132,979	32	19,699	23,067	69,254
No. 4.....	11	86,096	21	21,284	148,475	265,929
No. 5.....	35	386,653	160	133,765	1,546,853	1,967,129
No. 6.....	118	14,992,593	3,068	4,883,216	19,326,022	30,301,196
No. 7.....	51	7,288,144	1,336	1,889,673	20,580,116	27,041,934
No. 8.....	22	426,863	119	131,945	744,067	1,063,387
No. 9.....	57	1,103,468	360	300,439	1,576,534	2,279,658
No. 10.....	18	222,517	66	59,540	692,440	836,947
No. 11.....	100	9,457,076	1,692	2,313,547	14,552,659	21,506,788
No. 12.....	21	314,003	56	57,413	400,323	546,118
No. 13.....	18	131,793	47	39,954	257,961	351,244
No. 14.....	120	1,513,202	935	759,099	1,500,774	3,023,046
No. 15.....	72	3,322,299	892	1,084,958	7,532,600	10,132,405
No. 16.....	56	556,480	270	194,270	1,197,810	1,701,049
No. 17.....	50	220,242	159	86,442	565,062	817,708
No. 18.....	16	2,839,287	177	266,188	11,944,553	15,884,998
Not located.....	150	349,600	227	83,360	252,500	528,965
Totals.....	966	45,013,677	9,801	12,543,065	84,208,201	120,256,733

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

11.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1942—concluded

Census District	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$
Alberta—						
No. 1.....	27	7,105,382	1,054	1,260,682	6,313,472	9,545,426
No. 2.....	80	6,253,904	1,129	1,355,014	4,878,285	10,122,078
No. 3.....	9	2,180,563	354	486,063	880,492	2,049,798
No. 4.....	26	3,659,761	372	466,214	2,991,036	5,305,357
No. 5.....	12	83,484	28	21,673	198,539	260,035
No. 6.....	262	49,399,238	6,203	9,066,702	38,045,812	63,495,731
No. 7.....	33	531,519	124	109,874	1,201,979	1,538,207
No. 8.....	70	1,486,857	381	417,370	3,504,320	4,542,874
No. 9.....	78	879,525	710	588,039	1,630,058	2,856,530
No. 10.....	42	406,717	114	112,033	1,244,978	1,566,286
No. 11.....	250	27,057,868	6,492	8,962,919	53,753,564	71,480,664
No. 12.....	50	869,674	534	505,390	1,037,797	1,882,711
No. 13.....	32	156,829	75	36,317	467,443	594,031
No. 14.....	67	710,739	421	327,660	935,789	1,646,064
No. 15.....	25	300,777	172	154,781	269,727	646,892
No. 16.....	46	283,667	198	106,046	238,211	511,821
No. 17.....	6	34,649	36	15,836	25,998	58,506
Totals.....	1,115	101,401,133	18,397	23,992,613	117,617,500	178,103,011
British Columbia—						
No. 1.....	46	2,277,335	713	885,899	1,210,100	2,957,201
No. 2.....	96	56,351,586	5,895	11,153,348	32,765,509	57,566,383
No. 3.....	144	4,895,338	1,859	1,981,537	3,952,355	7,744,301
No. 4.....	1,179	206,064,675	61,249	100,660,091	185,487,210	373,175,587
No. 5.....	278	49,850,758	12,645	21,445,481	25,595,941	64,807,001
No. 6.....	63	1,281,344	581	628,563	1,010,580	2,082,157
No. 7.....	22	53,064,068	3,115	5,892,043	12,228,339	27,765,969
No. 8.....	94	2,771,550	937	1,186,739	1,375,301	3,585,540
No. 9.....	47	11,998,315	2,509	4,904,575	7,129,272	18,278,532
No. 10.....	21	94,331	67	43,787	68,465	174,935
Totals.....	1,990	388,649,300	89,570	148,782,063	270,823,072	558,137,606
Yukon and Northwest Territories.....	9	852,827	68	106,278	139,006	417,773

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

APPENDIX I

Principal Statistics of the Manufacturing Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1942

MONTREAL

Industry	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Vegetable Products—						
Aerated and mineral waters.....	23	4,281,626	883	1,353,918	2,060,048	7,580,728
Biscuits, confectionery, cocoa and chocolate.....	38	10,007,986	3,138	3,329,645	10,144,257	17,924,767
Bread and other bakery products.....	140	5,570,835	2,728	3,157,596	5,461,091	11,417,551
Breweries.....	6	27,397,705	2,617	4,730,253	7,058,132	24,520,207
Distilleries.....	3	3,405,300	303	656,993	1,135,212	2,576,978
Feeds, prepared, stock and poultry.....	9	1,818,819	296	403,263	6,047,493	6,961,213
Foods, miscellaneous.....	51	7,436,678	1,092	1,438,739	9,099,653	12,936,555
Fruit and vegetable preparations.....	27	3,087,340	880	883,874	3,231,221	4,849,345
Malt and malt products.....	4	2,124,884	82	145,045	2,614,275	3,400,467
Rubber goods, including rubber footwear.....	5	5,930,645	1,193	1,528,685	4,261,617	7,588,459
Tobacco, cigars and cigarettes.....	33	51,037,951	7,099	7,517,882	21,522,227	43,461,149
Vegetable oil mills.....	3	1,629,800	165	215,122	3,375,524	4,300,836
All other vegetable products.....	10	19,756,227	1,413	2,374,697	26,139,519	32,835,982
Totals.....	352	143,485,796	21,889	27,735,712	102,150,269	180,354,237
Animal Products—						
Belting, leather.....	6	742,283	162	246,538	571,020	954,437
Boot and shoe findings, leather.....	8	428,833	149	133,359	159,421	482,749
Boots and shoes, leather.....	65	10,386,165	6,715	7,157,448	14,153,333	23,451,615
Butter and cheese.....	9	5,464,929	1,708	2,431,223	6,298,809	11,558,479
Cheese, processed.....	3	111,834	52	55,738	169,804	249,590
Dairy products, other.....	7	574,009	114	155,314	503,325	1,054,665
Fur dressing and dyeing.....	6	1,081,526	498	588,600	158,001	1,098,642
Fur goods.....	151	8,139,487	1,834	2,573,018	9,725,597	14,242,965
Gloves and mittens, leather.....	18	1,781,563	1,018	936,495	1,565,012	3,025,128
Hair goods.....	5	69,618	46	52,935	170,370	259,726
Leather tanneries.....	6	716,672	228	285,998	934,254	1,321,050
Miscellaneous leather goods.....	56	2,715,796	1,841	1,673,393	3,123,558	5,768,919
Sausage and sausage casings.....	19	305,001	148	173,809	848,657	1,205,029
Slaughtering and meat packing.....	18	10,313,612	2,118	3,048,024	38,736,320	45,449,837
Totals.....	377	42,831,328	16,631	19,511,892	77,117,481	110,122,831
Textiles and Textile Products—						
Awnings, tents and sails.....	13	560,325	395	386,320	882,589	1,407,179
Bags, cotton and jute.....	8	3,166,348	610	624,817	5,696,858	7,424,473
Clothing, men's factory.....	190	24,130,197	10,291	12,552,941	35,285,594	57,444,234
Clothing, women's factory.....	449	28,928,030	17,304	19,225,056	45,056,921	77,946,729
Clothing contractors, men's.....	76	674,545	1,471	1,707,570	164,963	2,244,605
Clothing contractors, women's.....	47	323,461	948	897,233	48,392	1,183,961
Corsets.....	7	322,664	252	247,130	396,325	838,242
Cotton and wool waste.....	10	494,259	133	147,453	797,385	1,131,990
Cotton textiles, miscellaneous.....	45	2,236,930	1,051	921,362	3,179,761	4,773,234
Cotton thread.....	4	3,645,069	708	796,148	2,207,618	4,572,812
Cotton yarn and cloth.....	5	20,695,559	4,487	5,609,186	12,903,735	23,686,585
Dyeing and finishing of textiles.....	17	610,495	261	338,988	106,258	842,004
Hats and caps.....	75	4,377,788	2,860	3,186,598	5,137,379	10,254,360
Hosiery and knitted goods.....	29	3,890,648	2,238	2,045,076	3,597,194	6,855,573
Miscellaneous textiles.....	6	11,024,786	1,322	2,053,117	7,092,074	12,807,244
Narrow fabrics.....	8	749,339	457	557,559	380,551	794,536
Oiled and waterproofed clothing.....	6	404,655	239	284,407	656,284	1,130,568
Woolen goods, miscellaneous.....	3	193,181	63	68,264	264,200	380,594
All other industries.....	8	7,447,703	484	996,827	828,560	1,685,046
Totals.....	1,006	113,875,982	45,574	52,642,052	124,682,641	217,403,969
Wood and Paper Products—						
Blueprinting.....	4	115,652	55	79,535	45,880	197,393
Boxes and bags, paper.....	23	5,930,293	2,219	2,420,990	5,703,902	10,412,482
Boxes, wooden.....	6	893,183	503	538,752	855,864	1,850,683
Carriages, wagons and sleighs.....	4	92,043	42	53,346	34,785	110,410
Coffins and caskets.....	3	36,999	21	20,143	33,172	64,622
Cooperage.....	5	239,990	76	89,712	326,482	505,702
Engraving, stereotyping and electrotyping.....	24	1,218,456	474	905,381	227,843	1,423,917
Furniture.....	60	3,387,760	1,489	1,897,850	2,450,100	5,276,977
Lasts, trees and other wood shoe findings.....	6	883,146	495	497,715	405,776	1,073,003
Lithographing.....	6	1,792,320	477	835,935	1,006,285	2,675,808

Principal Statistics of the Manufacturing Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1942—continued

MONTREAL—continued

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross value of Products
	No.	\$	No.	\$	\$	\$
Wood and Paper Products—Conc.						
Miscellaneous paper products.....	31	1,794,256	661	715,403	1,753,382	3,521,320
Miscellaneous wooden products....	25	336,924	211	268,864	239,776	657,001
Planing mills, sash and door fac- tories.....	23	1,363,983	562	707,017	2,060,927	3,357,250
Printing and bookbinding.....	271	8,849,474	3,147	4,395,361	3,733,826	10,577,064
Printing and publishing.....	21	10,047,263	3,110	5,131,038	3,068,010	12,470,203
Refrigerators, wood, other than gas and electric.....	3	136,885	106	134,502	149,686	434,769
Trade composition.....	8	235,684	114	183,091	22,341	281,231
All other industries.....	11	3,126,394	541	774,666	1,595,938	3,523,588
Totals.....	534	40,480,705	14,303	19,649,301	23,713,975	58,413,423
Iron and Its Products—						
Aircraft.....	10	9,470,271	4,148	8,141,535	8,155,597	15,958,877
Automobile supplies.....	6	217,982	117	169,931	225,893	534,128
Boilers, tanks and engines.....	6	2,430,261	735	1,245,980	1,870,190	4,116,307
Castings, iron.....	13	13,606,336	1,955	3,356,286	5,062,160	10,871,047
Hardware, tools and cutlery.....	26	8,091,930	2,451	3,970,194	4,248,874	13,282,045
Heating and cooking apparatus....	4	568,657	104	173,998	171,771	469,935
Iron and steel products, misce- laneous.....	36	8,859,632	2,095	3,857,759	9,621,887	9,839,026
Machinery.....	22	6,401,047	1,901	3,437,070	4,356,448	11,775,826
Machine shops.....	45	2,223,620	1,090	1,936,149	636,487	3,629,908
Primary iron and steel.....	5	14,807,888	3,421	6,950,916	9,432,692	17,626,931
Railway rolling-stock.....	7	46,678,955	14,888	28,760,177	45,100,284	73,744,278
Sheet metal products.....	26	13,723,036	3,356	4,821,448	9,929,311	19,097,617
Shipbuilding and repairs.....	5	10,273,372	4,467	8,068,852	8,217,854	24,744,420
Wire and wire goods.....	12	4,167,370	585	815,708	883,381	3,883,000
All other industries.....	5	266,137	156	235,641	529,529	849,471
Totals.....	228	141,786,494	41,469	75,941,644	108,442,358	210,422,816
Non-ferrous Metal Products—						
Brass and copper products.....	30	13,244,483	4,591	7,809,470	13,541,447	33,674,096
Electrical apparatus and supplies..	36	43,707,901	12,007	18,386,800	32,789,197	58,744,463
Jewellery and silverware.....	35	1,893,553	916	1,167,039	1,529,720	3,635,233
Miscellaneous non-ferrous metal products.....	4	387,766	179	248,493	278,015	765,664
White metal alloys.....	9	1,992,546	200	388,088	2,890,331	3,983,271
Totals.....	114	61,226,249	17,893	27,999,890	51,028,710	100,802,727
Non-metallic Mineral Products—						
Cement products.....	11	833,417	212	297,926	482,386	1,121,193
Glass products.....	17	4,520,414	953	1,311,867	1,331,661	3,513,340
Miscellaneous non-metallic mineral products.....	10	707,158	106	156,947	271,329	675,162
Petroleum products.....	4	19,877,331	845	1,770,483	19,463,817	21,776,175
Stone products.....	12	437,283	81	116,172	82,847	272,611
All other industries.....	8	9,327,156	779	1,425,219	4,662,733	12,245,952
Totals.....	62	35,702,759	2,976	5,078,614	26,294,773	39,604,433
Chemical Products—						
Adhesives.....	6	840,263	101	143,692	401,081	839,857
Gases, compressed.....	6	2,067,486	243	353,151	215,082	1,799,072
Inks, printing and writing.....	6	354,848	72	124,749	218,129	501,471
Medicinal and pharmaceutical pre- parations.....	61	10,068,296	1,685	2,330,581	5,538,506	12,964,469
Miscellaneous chemical products...	24	3,886,219	561	585,198	649,280	1,273,600
Paints, pigments and varnishes...	22	14,529,579	1,652	2,739,420	9,281,221	17,925,098
Polishes and dressings.....	10	785,565	96	101,721	533,292	887,181
Soaps and washing compounds...	26	1,755,076	362	539,962	960,524	2,765,304
Toilet preparations.....	24	2,732,045	483	549,464	1,350,387	3,341,963
All other industries.....	5	1,762,030	169	326,210	2,108,076	2,988,088
Totals.....	190	38,781,407	5,424	7,824,148	21,255,578	45,291,103

Principal Statistics of the Manufacturing Industries Located in the Cities of
Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1942—continued

MONTREAL—concluded

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Miscellaneous Industries—						
Artificial flowers and leathers.....	15	450,391	414	344,720	302,593	804,068
Brooms, brushes and mops.....	20	523,714	302	272,335	555,926	1,058,244
Buttons.....	14	583,941	411	360,550	376,652	965,808
Candles.....	4	275,847	56	63,327	168,734	274,312
Ice, manufactured.....	4	348,596	120	170,803	8,582	286,838
Lamps, electric, and lamp shades.....	8	352,730	175	178,666	245,102	587,229
Mattresses and springs.....	14	4,383,162	1,077	1,506,149	3,594,894	6,561,666
Miscellaneous (including carpet sweepers).....	3	33,179	46	38,884	48,508	109,131
Pipes, tobacco.....	3	44,068	37	32,280	23,092	68,411
Regalia and society emblems.....	3	52,086	13	16,628	18,896	50,311
Scientific and professional equip- ment.....	7	495,800	163	205,866	193,030	465,765
Signs, electric, neon and other.....	4	846,549	80	116,809	34,621	378,369
Sporting goods.....	4	273,779	142	104,711	159,847	285,395
Stamps and stencils, rubber and metal.....	9	279,221	96	130,651	61,485	270,771
Statuary, art goods and novelties.....	15	216,931	195	191,744	115,176	393,508
Store and display accessories.....	4	54,879	39	34,867	22,824	70,572
Toys and toy equipment.....	4	42,665	51	31,068	38,813	95,001
Umbrellas.....	3	300,394	87	84,621	238,981	477,274
All other industries.....	6	2,081,333	324	620,559	702,119	1,149,526
Totals.....	144	11,639,265	3,828	4,505,238	6,939,875	14,352,199
Totals, Montreal.....	3,007	629,809,985	169,987	240,888,491	541,625,660	976,767,738

TORONTO

Vegetable Products—						
Aerated and mineral waters.....	19	4,349,309	972	1,647,891	1,957,477	6,313,996
Biscuits, confectionery, cocoa, etc..	42	22,245,630	5,085	6,639,784	15,349,375	31,300,070
Bread and other bakery products.....	263	10,693,775	5,159	6,760,272	9,987,137	21,626,576
Breweries.....	5	8,666,886	650	1,304,077	1,317,989	6,120,210
Feeds, prepared, stock and poultry	10	2,348,676	377	541,896	3,815,403	5,042,189
Flour and feed mills.....	7	2,785,797	331	524,150	4,621,323	5,917,289
Foods, breakfast.....	5	231,000	44	61,809	107,436	354,518
Foods, miscellaneous.....	60	11,685,528	1,639	2,493,777	12,872,579	19,078,324
Fruit and vegetable preparations.....	19	1,109,390	266	277,769	765,174	1,317,711
Macaroni, vermicelli, etc.....	3	239,548	88	96,061	256,359	399,032
Rubber goods, including rubber footwear.....	11	13,941,073	3,096	5,346,979	10,422,957	21,515,921
Tobacco, cigars and cigarettes.....	12	2,903,340	481	483,981	995,480	2,202,879
Wine.....	5	970,513	85	153,431	199,106	449,078
All other industries.....	5	6,529,005	354	698,855	4,294,766	7,526,190
Totals.....	466	88,699,470	18,627	27,030,732	66,962,560	129,163,983
Animal Products—						
Belting, leather.....	5	316,989	107	135,271	384,329	589,077
Boots and shoes, leather.....	23	1,515,105	1,092	1,250,518	1,663,350	3,502,715
Butter and cheese.....	9	7,417,154	1,449	2,717,614	6,154,880	11,244,675
Cheese, processed.....	3	120,462	63	66,058	884,256	1,061,243
Dairy products, other.....	10	201,356	49	59,739	199,122	350,031
Fur dressing and dyeing.....	7	505,914	307	406,964	196,491	746,162
Fur goods.....	162	6,284,320	1,355	2,250,721	7,756,645	11,301,625
Gloves and mittens, leather.....	6	99,082	57	59,467	118,657	211,977
Leather tanneries.....	6	2,581,575	499	739,825	2,476,166	3,796,172
Miscellaneous leather goods.....	63	3,156,522	1,737	1,852,177	3,485,632	6,542,938
Sausage and sausage casings.....	16	489,035	84	114,503	786,658	966,598
Slaughtering and meat packing.....	22	31,828,027	3,593	6,083,201	69,378,669	83,308,823
All other industries.....	4	320,805	86	125,955	308,984	596,081
Totals.....	336	54,836,346	10,478	15,862,013	93,793,839	124,218,117
Textiles and Textile Products—						
Awnings, tents and sails.....	15	391,026	178	190,941	374,182	649,912
Bags, cotton and jute.....	7	1,261,325	201	223,838	1,815,043	2,409,856
Clothing, men's factory.....	87	13,325,423	7,416	10,288,123	19,387,948	33,857,747
Clothing, women's factory.....	239	10,342,266	6,245	8,149,892	15,072,396	27,945,356
Clothing contractors, men's.....	10	37,968	77	88,861	7,004	118,106
Clothing contractors, women's.....	15	89,618	134	169,177	14,839	218,327

Principal Statistics of the Manufacturing Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1942—continued

TORONTO—continued

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross value of Products
	No.	\$	No.	\$	\$	\$
Textiles and Textile Products concluded						
Corsets.....	11	1,048,336	510	533,419	814,138	1,767,795
Cotton and wool waste.....	8	1,132,552	208	333,394	2,343,024	2,979,182
Cotton textiles, miscellaneous.....	26	2,238,304	843	820,189	2,442,045	3,939,302
Dyeing and finishing of textiles.....	11	1,772,563	354	601,742	197,766	1,166,299
Hats and caps.....	64	2,191,628	1,427	1,820,904	2,686,624	5,302,499
Hosiery and knitted goods.....	42	8,543,260	3,316	3,745,612	6,585,729	12,366,300
Miscellaneous textiles.....	3	1,562,969	304	384,551	780,962	1,424,952
Narrow fabrics.....	12	782,747	267	305,345	420,182	980,952
Oiled and waterproofed clothing.....	5	1,578,068	826	849,006	2,491,725	4,101,566
Woollen cloth.....	4	3,044,032	679	921,835	3,281,912	4,978,990
Woollen goods, miscellaneous.....	11	2,164,288	399	631,830	3,218,590	4,961,968
Woollen yarn.....	4	4,071,529	777	848,700	2,470,926	4,262,774
All other industries.....	9	4,207,870	776	983,587	1,695,594	3,565,435
Totals.....	583	59,785,781	24,937	31,890,946	66,100,629	116,997,318
Wood and Paper Products—						
Blue printing.....	3	73,092	24	42,098	45,975	176,102
Boxes and bags, paper.....	36	7,237,024	2,615	3,446,107	7,052,393	12,891,064
Boxes, wooden.....	6	963,052	355	459,034	705,939	1,558,282
Coffins and caskets.....	4	673,785	106	161,251	174,798	406,772
Engraving, stereotyping and electro- typing.....	33	3,573,817	1,160	2,198,039	688,423	3,601,884
Furniture.....	102	3,387,764	1,385	2,093,782	2,768,316	5,764,210
Lithographing.....	15	4,085,004	1,044	1,915,397	2,169,555	4,821,887
Miscellaneous paper products.....	54	5,467,037	1,347	1,890,762	4,045,204	7,987,113
Miscellaneous wooden products.....	53	1,653,201	784	929,584	965,440	2,505,503
Planing mills, sash and door fac- tories.....	22	2,934,158	649	848,431	2,309,214	3,889,967
Printing and bookbinding.....	298	16,879,519	5,142	7,280,906	8,636,403	20,845,633
Printing and publishing.....	33	10,909,250	3,666	6,803,195	5,429,460	18,045,720
Pulp and paper mills.....	6	4,361,936	555	1,157,732	3,695,472	7,176,170
Trade composition.....	18	566,275	174	290,472	29,954	428,358
Wood turning.....	4	34,500	18	16,400	12,872	34,211
All other industries.....	12	2,404,829	459	706,760	1,064,031	2,408,779
Totals.....	699	65,204,243	19,483	30,239,950	39,793,449	92,541,655
Iron and Its Products—						
Aircraft.....	8	929,442	317	475,029	146,496	853,492
Automobile supplies.....	22	8,947,904	3,704	5,683,597	8,119,744	17,129,960
Bicycles.....	3	240,074	71	90,839	176,963	339,057
Boilers, tanks and engines.....	7	10,959,529	1,929	3,904,160	5,066,836	10,484,516
Bridge and structural steel.....	4	3,815,833	737	1,465,304	1,683,906	4,392,977
Castings, iron.....	14	7,058,860	1,505	2,658,886	2,042,666	7,751,871
Hardware, tools and cutlery.....	58	6,322,718	2,214	3,850,456	2,482,147	11,293,422
Heating and cooking apparatus.....	15	2,920,295	444	730,281	985,968	3,130,622
Miscellaneous iron and steel pro- ducts.....	36	39,173,743	12,922	21,736,103	14,639,279	39,436,572
Machinery.....	77	33,799,679	6,205	11,014,012	11,331,195	39,199,600
Machine shops.....	45	1,185,279	518	853,807	857,741	1,872,717
Sheet metal products.....	42	14,468,667	4,068	6,146,930	9,480,684	21,263,581
Wire and wire goods.....	17	949,809	257	400,410	1,013,855	1,845,571
All other industries.....	6	35,025,171	6,672	11,931,954	6,638,301	24,489,927
Totals.....	354	165,797,003	41,563	70,941,768	64,165,781	183,483,285
Non-ferrous Metal Products—						
Aluminum products.....	6	3,870,717	1,170	1,877,477	3,794,098	7,327,929
Brass and copper products.....	40	6,581,213	2,790	4,304,548	6,730,872	15,473,479
Electrical apparatus and supplies.....	92	29,847,369	8,742	12,997,177	21,566,140	48,878,287
Jewellery and silverware.....	54	5,300,599	1,517	2,359,957	7,403,553	11,580,820
Miscellaneous non-ferrous metal products.....	15	2,124,693	616	918,707	1,134,266	3,618,631
White metal alloys.....	10	4,958,660	775	1,020,360	7,076,076	10,734,776
Totals.....	217	52,683,251	15,610	23,660,226	47,705,005	97,613,922
Non-metallic Mineral Products—						
Asbestos products.....	3	43,234	11	16,246	28,535	54,137
Cement products.....	10	616,460	142	203,988	400,225	915,262
Clay products from domestic clay.....	5	1,613,910	107	136,629	8,058	313,182
Clay products from imported clay.....	3	41,509	13	13,307	12,567	31,637

Principal Statistics of the Manufacturing Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1942—continued

TORONTO—concluded

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Non-metallic Mineral Products—						
concluded						
Glass products.....	27	1,266,205	614	831,737	685,129	1,797,711
Miscellaneous non-metallic mineral products.....	6	286,207	84	129,628	135,319	429,371
Stone products.....	20	614,770	178	272,673	275,452	793,605
All other industries.....	11	32,087,917	1,716	2,626,714	14,061,030	23,826,843
Totals.....	85	36,570,212	2,865	4,230,922	15,606,315	28,161,749
Chemicals and Allied Products—						
Acids, alkalies and salts.....	4	411,915	23	51,226	443,636	775,712
Adhesives.....	7	996,800	272	408,980	1,048,868	2,126,754
Gases, compressed.....	9	1,737,900	258	444,450	329,235	1,994,382
Inks, printing and writing.....	21	2,620,740	479	1,041,638	1,712,961	4,004,555
Medicinal and pharmaceutical pre- parations.....	63	10,891,670	1,687	2,295,622	4,242,671	10,470,567
Miscellaneous chemical products.....	51	4,120,153	920	1,439,876	3,956,623	9,325,037
Paints, pigments and varnishes.....	25	7,696,670	1,368	2,346,792	6,540,951	12,989,041
Polishes and dressings.....	24	706,097	172	232,913	810,762	1,507,603
Soaps and washing compounds.....	29	14,280,361	2,076	3,653,905	9,735,817	19,217,831
Toilet preparations.....	39	4,460,033	787	1,061,808	2,166,659	6,011,009
All other industries.....	4	2,268,927	200	358,484	2,333,772	3,851,122
Totals.....	276	50,191,266	8,242	13,335,694	33,321,955	72,273,613
Miscellaneous Industries—						
Artificial flowers and feathers.....	8	240,690	188	149,544	127,925	327,739
Brooms, brushes and mops.....	13	1,215,560	349	440,878	933,915	1,961,295
Buttons.....	5	96,693	81	72,107	68,069	178,483
Fountain pens and pencils.....	6	1,484,358	391	578,713	579,164	1,733,410
Ice, manufactured.....	10	814,252	108	168,616	19,414	588,405
Lamps, electric and lamp shades.....	16	537,862	327	398,295	506,579	1,133,001
Mattresses and springs.....	23	1,642,560	579	842,484	1,884,439	3,319,013
Musical instruments.....	10	1,200,521	256	350,367	338,423	743,786
Regalia and society emblems.....	7	79,238	36	34,611	39,488	99,745
Scientific and professional equip- ment.....	16	50,281,843	5,790	6,556,942	16,313,728	24,819,775
Signs, electric, neon and other.....	11	298,051	124	221,925	195,525	540,557
Sporting goods.....	4	809,850	134	195,519	211,990	398,372
Stamps and stencils, rubber and metal.....	9	288,248	106	162,668	42,370	385,014
Statuary, art goods and novelties.....	23	543,443	329	304,434	432,502	958,807
Store and display accessories.....	4	84,464	53	67,894	51,752	170,970
Toys.....	13	785,374	553	517,086	748,254	1,753,445
Typewriter supplies.....	5	969,741	194	371,691	570,655	1,356,020
Umbrellas.....	3	158,987	78	83,707	235,843	408,738
All other industries.....	9	682,022	158	165,420	448,590	926,277
Totals.....	195	62,213,757	9,834	11,682,901	23,748,625	41,802,852
Totals, Toronto.....	3,211	635,981,329	151,639	228,875,152	451,198,158	885,256,494

HAMILTON

Vegetable Products—						
Aerated and mineral waters.....	13	635,984	134	197,410	223,898	892,309
Biscuits, confectionery, cocoa and chocolate.....	8	795,295	192	215,217	462,369	1,308,163
Bread and other bakery products.....	60	1,856,134	916	1,077,862	1,532,578	3,243,265
Foods, miscellaneous.....	10	913,162	199	247,754	805,339	1,291,721
Fruit and vegetable preparations.....	5	8,116,069	459	609,200	1,870,343	2,359,556
Rubber goods, including rubber footwear.....	4	8,597,252	1,106	2,300,598	8,036,946	13,422,009
All other industries.....	4	7,431,888	737	931,169	2,014,277	4,858,391
Totals.....	104	28,345,784	3,743	5,579,210	14,945,750	27,375,414

**Principal Statistics of the Manufacturing Industries Located in the Cities of
Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1942—continued**

HAMILTON—continued

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross value of Products
	No.	\$	No.	\$	\$	\$
Animal Products—						
Butter and cheese.....	3	1,201,487	320	387,759	1,023,484	2,072,883
Fur goods.....	10	662,894	63	92,234	361,467	636,209
Miscellaneous leather goods.....	5	182,291	44	60,110	141,610	244,016
Slaughtering and meat packing.....	7	4,365,171	716	1,195,445	13,690,671	15,622,815
All other industries.....	4	65,512	16	18,461	86,851	144,196
Totals.....	29	6,477,355	1,159	1,754,009	15,304,083	18,720,119
Textiles and Textile Products—						
Awnings, tents and sails.....	3	* 135,172	49	64,053	101,706	200,446
Clothing, men's factory.....	6	1,641,260	1,003	1,202,785	2,313,970	3,813,879
Cotton yarn and cloth.....	5	13,255,405	2,337	2,714,055	5,549,046	11,028,623
Hats and caps.....	4	96,211	69	71,084	174,806	334,408
Hosiery and knitted goods.....	8	6,717,051	3,056	3,392,081	5,367,726	10,890,773
All other industries.....	11	4,706,684	655	925,308	3,371,954	5,264,307
Totals.....	37	26,551,783	7,169	8,369,366	16,879,208	31,532,436
Wood and Paper Products—						
Boxes and bags, paper.....	9	1,672,510	404	519,035	2,030,433	3,188,088
Engraving, stereotyping and elec- trotyping.....	6	174,316	72	139,355	26,897	225,665
Furniture.....	7	422,668	109	140,921	141,451	337,925
Miscellaneous paper products.....	9	2,919,419	503	773,127	2,040,538	3,608,775
Planing mills, sash and door fac- tories.....	7	494,712	116	187,259	430,473	766,279
Printing and bookbinding.....	48	1,863,012	393	568,103	827,640	1,852,943
All other industries.....	18	3,635,057	708	1,281,958	1,569,558	4,574,488
Totals.....	104	11,181,694	2,305	3,609,758	7,066,990	14,554,163
Iron and Its Products—						
Castings, iron.....	4	1,202,454	409	752,261	1,277,872	2,389,284
Hardware, tools and cutlery.....	16	3,984,031	740	1,303,195	1,786,573	4,933,908
Machinery.....	15	8,591,546	2,203	4,356,647	3,983,612	11,921,690
Machine shops.....	9	191,987	82	127,501	74,586	325,361
Miscellaneous iron and steel pro- ducts.....	9	3,506,662	1,632	2,906,998	6,186,607	11,943,577
Primary iron and steel.....	11	61,242,971	8,189	16,360,093	34,738,953	78,726,092
Sheet metal products.....	13	7,175,188	1,025	1,454,096	8,875,638	12,323,003
Wire and wire goods.....	12	13,964,614	3,499	5,417,906	4,420,548	16,572,658
All other industries.....	12	35,825,202	7,394	14,191,712	21,417,331	44,531,759
Totals.....	101	135,684,655	25,176	46,870,409	82,761,720	183,667,332
Non-ferrous Metal Products—						
Brass and copper products.....	8	1,822,789	607	1,015,887	1,254,490	3,679,045
Electrical apparatus and supplies.....	12	24,437,145	6,368	11,277,581	8,788,027	30,630,387
Jewellery and silverware.....	5	966,125	314	453,724	452,807	859,343
White metal alloys.....	3	452,262	157	241,209	739,004	1,289,376
All other industries.....	3	73,096	15	21,078	23,900	75,279
Totals.....	31	27,751,417	7,461	13,009,479	11,258,228	36,533,430
Non-metallic Mineral Products—						
Cement products.....	5	75,551	32	39,018	82,439	152,160
Clay products from domestic clay.....	5	2,222,196	135	224,277	3,685	374,166
Clay products from imported clay.....	3	1,476,081	531	779,960	224,055	1,571,635
Coke and gas products.....	3	16,949,664	591	1,000,672	6,443,317	12,299,744
Stone products.....	5	263,693	26	53,293	27,612	96,322
All other industries.....	12	4,596,872	1,059	1,669,515	2,144,387	6,535,373
Totals.....	33	25,584,057	2,374	3,766,735	8,925,495	21,029,400

Principal Statistics of the Manufacturing Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1942—concluded

HAMILTON—continued

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Chemicals and Allied Products—						
Miscellaneous chemical products ..	5	348,646	33	85,761	246,948	536,551
Polishes and dressings	4	505,909	52	75,715	293,392	513,555
Toilet preparations	3	85,097	37	28,466	66,844	198,885
All other industries	13	9,002,020	826	1,500,383	7,542,228	11,040,218
Totals	25	9,941,672	948	1,690,325	8,149,412	12,289,209
Miscellaneous Industries—						
Brooms, brushes and mops	7	1,191,869	296	311,758	724,831	1,720,707
Ice, manufactured	3	276,456	50	61,179	5,867	125,521
Stamps and stencils, rubber and metal	3	179,639	44	64,944	35,581	151,340
All other industries	5	46,596	19	24,645	20,979	53,125
Totals	18	1,694,560	409	462,526	787,258	2,050,693
Totals, Hamilton	482	273,212,977	50,744	85,111,817	166,078,144	347,752,196

WINDSOR

Vegetable Products—						
Aerated and mineral waters	6	415,299	101	162,224	245,855	714,610
Bread and other bakery products ..	24	819,227	416	566,715	830,350	1,883,157
Foods, miscellaneous	6	104,391	37	33,437	73,749	131,593
All other industries	9	13,558,977	1,029	1,746,869	4,132,862	14,496,687
Totals	45	14,897,894	1,583	2,509,245	5,282,816	17,226,047
Animal Products—						
Butter and cheese	5	994,843	412	694,814	1,307,460	2,511,322
Dairy products, other	3	379,943	38	63,526	148,684	371,090
Fur goods	3	76,403	11	9,287	50,901	69,901
Slaughtering and meat packing	4	202,238	60	87,751	1,086,906	1,374,404
All other industries	3	50,740	26	29,463	60,572	87,411
Totals	18	1,704,167	547	884,841	2,654,523	4,414,128
Textiles and Textile Products—						
All Industries	9	645,407	290	347,459	1,069,551	1,914,397
Totals	9	645,407	290	347,459	1,069,551	1,914,397
Wood and Paper Products—						
Miscellaneous wooden products ...	5	263,225	59	79,596	99,061	209,414
Planing mills, sash and door factories	6	460,119	136	132,931	190,172	401,662
Printing and bookbinding	21	377,412	121	194,388	191,732	473,936
All other industries	8	1,842,633	403	726,803	831,260	2,235,331
Totals	40	2,943,389	719	1,133,718	1,312,225	3,320,343
Iron and Its Products—						
Automobile supplies	17	20,721,085	5,199	10,331,568	40,047,309	58,302,549
Castings, iron	6	1,951,419	1,282	2,633,822	2,335,575	6,698,549
Hardware, tools and cutlery	10	2,351,903	608	1,502,985	897,353	3,887,837
Machinery	7	1,845,551	246	503,873	1,166,961	2,693,456
All other industries	21	141,054,466	23,694	51,386,390	175,196,579	259,693,259
Totals	61	167,924,424	31,029	66,358,638	219,643,777	331,275,650
Non-ferrous Metal Products—						
Brass and copper products	3	396,934	80	191,840	129,865	454,496
All other industries	6	440,263	77	151,340	414,615	705,897
Totals	9	837,197	157	343,180	544,480	1,160,393

Principal Statistics of the Manufacturing Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Canconver, 1941—Continued

WINDSOR—concluded

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross value of Products
	No.	\$	No.	\$	\$	\$
Non-metallic Mineral Products—						
Cement products.....	5	203,385	50	69,993	86,334	171,646
Stone products.....	3	121,161	10	14,437	30,832	49,534
All other industries.....	5	2,157,014	293	541,853	499,019	2,150,514
Totals.....	13	2,481,560	353	626,283	616,185	2,371,694
Chemicals and Allied Products—						
Medicinal and pharmaceutical pre- parations.....	10	6,708,340	899	1,459,048	2,746,376	8,492,692
Miscellaneous chemical products...	4	184,022	20	29,038	118,523	261,268
Polishes and dressings.....	3	357,451	72	107,702	451,278	734,030
Soaps and washing compounds.....	3	17,097	9	5,964	12,690	29,026
Toilet preparations.....	3	97,797	22	23,674	38,485	129,770
All other industries.....	5	4,904,225	565	1,307,227	2,393,164	5,983,507
Totals.....	28	12,268,932	1,587	2,932,653	5,760,516	15,630,293
Miscellaneous Industries—						
All industries.....	10	2,853,176	792	1,140,572	3,500,445	6,010,403
Totals.....	10	2,853,176	792	1,140,572	3,500,445	6,010,403
Totals, Windsor.....	233	206,556,146	37,057	76,276,589	240,384,518	383,323,348

WINNIPEG

Vegetable Products—						
Aerated and mineral waters.....	13	1,175,061	322	461,557	741,793	2,286,055
Biscuits, confectionery, cocoa, etc.	15	1,865,217	732	748,383	1,831,575	4,464,467
Bread and other bakery products.	62	2,238,861	862	1,075,171	1,599,208	3,498,041
Breweries.....	5	2,988,273	391	673,660	646,964	3,584,562
Flour and feed mills.....	6	3,184,345	272	351,042	3,402,774	4,319,971
Foods, breakfast.....	5	369,029	27	31,222	131,279	389,207
Foods, miscellaneous.....	19	3,450,526	412	488,223	5,410,967	6,610,616
Fruit and vegetable preparations..	6	606,745	208	137,305	437,390	831,315
All other industries.....	7	3,529,105	151	238,058	1,090,111	2,099,117
Totals.....	138	19,407,162	3,377	4,204,621	15,292,061	28,083,351
Animal Products—						
Boots and shoes, leather.....	5	219,659	139	122,600	478,950	595,313
Butter and cheese.....	10	2,565,553	666	1,027,117	3,026,962	5,148,472
Dairy products, other.....	3	76,725	17	24,019	76,299	127,976
Fur dressing and dyeing.....	3	112,549	85	91,710	23,538	168,418
Fur goods.....	43	1,519,769	427	511,863	1,463,242	2,278,957
Gloves and mittens, leather.....	6	285,772	179	153,280	374,557	619,299
Miscellaneous leather goods.....	13	488,097	198	179,160	580,763	943,597
Sausage and sausage casings.....	9	243,764	87	105,891	624,345	774,064
Slaughtering and meat packing...	5	7,191,251	1,555	2,339,003	25,219,943	29,634,611
All other industries.....	3	438,267	120	134,409	543,619	834,255
Totals.....	100	13,141,406	3,473	4,689,052	32,412,218	41,124,962
Textiles and Textile Products—						
Awnings, tents and sails.....	3	81,228	30	23,807	116,518	169,616
Bags, cotton and jute.....	4	3,106,791	212	296,561	4,833,091	5,641,866
Clothing, men's factory.....	29	3,187,978	2,138	2,015,645	6,512,175	9,429,554
Clothing, women's factory.....	27	2,065,667	1,293	1,436,496	3,622,383	5,694,981
Hats and caps.....	10	433,203	356	303,960	915,699	1,509,933
Hosiery and knitted goods.....	5	325,539	176	148,773	379,621	640,445
All other industries.....	5	43,356	44	41,954	23,401	74,062
Totals.....	83	9,243,762	4,249	4,267,196	16,402,888	23,160,457

Principal Statistics of the Manufacturing Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1942—continued

WINNIPEG—concluded

Industry	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Wood and Paper Products—						
Boxes and bags, paper.....	6	1,084,705	265	356,005	1,109,623	1,899,312
Boxes, wooden.....	4	278,599	162	145,805	118,753	386,838
Engraving, stereotyping and electrotyping.....	6	367,201	171	339,122	47,725	490,735
Furniture.....	33	617,663	355	390,730	515,072	1,155,884
Miscellaneous paper products.....	6	740,723	123	176,313	457,908	824,729
Miscellaneous wooden products.....	10	35,016	25	27,624	23,099	60,873
Planing mills, sash and door factories.....	11	862,094	253	323,085	517,674	1,042,564
Printing and bookbinding.....	80	4,307,784	1,190	1,536,683	1,390,976	3,457,141
Printing and publishing.....	21	2,872,149	828	1,321,203	696,267	3,630,711
All other industries.....	19	1,853,997	470	560,841	783,346	1,906,347
Totals.....	196	13,219,931	3,842	5,177,411	5,660,443	14,855,134
Iron and Its Products—						
Agricultural implements.....	3	624,122	127	163,194	299,495	717,928
Aircraft.....	5	3,613,003	1,446	2,070,518	379,320	3,038,149
Automobile supplies.....	7	286,813	124	158,467	145,703	326,253
Castings, iron.....	5	3,542,461	689	1,239,305	504,546	2,356,966
Hardware, tools and cutlery.....	4	232,918	96	104,840	51,779	189,077
Iron and steel products, misc.....	4	2,377,182	474	783,079	715,753	2,252,062
Machinery.....	9	870,003	201	312,518	220,549	629,988
Machine shops.....	15	403,312	194	331,617	112,214	629,561
Sheet metal products.....	10	972,261	233	294,209	524,569	1,046,235
All other industries.....	5	12,042,523	3,461	6,018,857	5,025,051	13,878,336
Totals.....	67	24,964,598	7,045	11,476,604	7,978,979	25,064,555
Non-ferrous Metal Products—						
Brass and copper products.....	5	761,398	144	241,989	580,771	1,156,205
Electrical apparatus and supplies.....	10	517,994	192	278,006	500,156	1,072,277
Jewellery and silverware.....	3	39,734	21	26,617	7,601	43,418
All other industries.....	3	242,374	29	47,444	195,213	289,431
Totals.....	21	1,561,500	386	594,056	1,283,741	2,561,331
Non-metallic Mineral Products—						
Glass products.....	4	104,861	22	23,489	35,937	81,500
Miscellaneous non-metallic mineral products.....	5	788,431	94	136,956	445,806	997,168
Stone products.....	7	104,139	27	28,839	21,420	66,537
All other industries.....	5	5,495,288	228	318,959	624,721	1,432,706
Totals.....	21	6,492,719	371	508,243	1,127,884	2,577,911
Chemicals and Allied Products—						
Medicinal and pharmaceutical preparations.....	7	1,597,223	132	164,524	522,973	1,292,270
Paints, pigments and varnishes.....	4	1,526,535	182	262,567	827,411	1,354,215
Soaps and washing compounds.....	6	925,479	89	125,749	352,557	611,038
Toilet preparations.....	4	61,730	32	23,237	56,575	106,006
All other industries.....	10	18,243,613	3,871	5,773,586	5,170,105	11,987,715
Totals.....	31	22,354,580	4,306	6,349,663	6,929,621	15,351,244
Miscellaneous Industries—						
Brooms, brushes and mops.....	6	169,714	91	83,580	152,064	263,145
Mattresses and springs.....	5	1,525,164	441	598,101	1,495,845	2,618,617
Scientific and professional equipment.....	6	29,651	27	33,104	9,127	54,050
Signs, electric, neon and other.....	4	794,892	88	131,308	32,566	347,802
Stamps and stencils, rubber and metal.....	4	39,729	14	22,285	9,044	36,236
Statuary, art goods and novelties.....	3	40,393	15	9,482	10,606	27,355
All other industries.....	7	312,198	43	47,180	100,131	206,203
Totals.....	35	2,911,741	719	925,040	1,809,383	3,553,408
Totals, Winnipeg.....	692	113,297,399	27,768	38,191,886	88,897,218	156,332,353

**Principal Statistics of the Manufacturing Industries Located in the Cities of
Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1942—continued**

VANCOUVER

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Vegetable Products—						
Aerated and mineral waters.....	7	908,361	120	173,920	231,520	773,582
Biscuits, confectionery, cocoa, and chocolate.....	22	931,547	444	463,154	905,444	1,975,881
Bread and other bakery products.....	116	2,272,181	1,338	1,662,834	2,686,975	5,632,917
Feeds, prepared, stock and poultry	7	2,618,973	165	239,775	1,217,455	1,573,044
Foods, breakfast.....	3	16,443	13	11,836	38,359	68,520
Foods, miscellaneous.....	24	4,432,646	456	511,689	7,295,927	8,470,878
Fruit and vegetable preparations.....	16	2,900,843	596	657,514	3,168,251	4,398,283
Macaroni, vermicelli, etc.....	3	377,825	41	38,236	96,035	160,164
Tobacco, cigars and cigarettes.....	3	8,204	8	5,818	4,123	11,066
All other industries.....	10	9,609,426	692	1,211,265	6,555,487	11,648,871
Totals.....	211	24,076,449	3,873	4,976,041	22,199,576	34,713,206
Animal Products—						
Boots and shoes, leather.....	6	984,579	230	263,728	675,855	1,077,444
Butter and cheese.....	11	1,733,072	684	1,048,751	3,442,780	5,335,688
Dairy products, other.....	7	563,415	90	140,450	351,854	755,591
Fish curing and packing.....	11	3,439,975	429	571,496	4,024,254	5,128,110
Fur goods.....	13	465,963	67	83,633	208,205	391,952
Gloves and mittens, leather.....	4	119,839	77	104,315	161,633	316,988
Leather tanneries.....	3	162,211	30	40,427	129,034	195,635
Miscellaneous leather goods.....	4	275,476	116	122,381	153,540	367,010
Sausage and sausage casings.....	4	101,118	43	52,312	434,841	515,912
Slaughtering and meat packing.....	9	6,321,513	792	1,240,794	11,960,605	14,512,653
Totals.....	72	14,167,161	2,558	3,668,287	21,542,601	28,596,983
Textiles and Textile Products—						
Awnings, tents and sails.....	4	544,478	204	209,872	500,029	960,832
Clothing, men's factory.....	11	586,688	315	326,222	809,288	1,290,322
Clothing, women's factory.....	23	691,673	403	407,351	703,843	1,322,758
Cotton and wool waste.....	5	78,003	34	34,411	139,889	204,519
Hosiery and knitted goods.....	3	476,434	130	133,283	228,954	499,979
Woolen cloth.....	3	543,781	136	150,870	291,412	711,520
All other industries.....	7	741,774	133	139,682	964,046	1,292,531
Totals.....	56	3,662,831	1,355	1,401,691	3,637,461	6,282,461
Wood and Paper Products						
Blue printing.....	4	28,875	15	18,185	9,799	39,547
Boat building.....	10	196,180	110	182,784	346,588	623,602
Boxes and bags, paper.....	7	1,421,334	293	381,406	1,350,384	2,405,315
Boxes, wooden.....	9	911,919	361	408,937	629,220	1,310,266
Coffins and caskets.....	3	148,036	27	33,281	47,287	99,871
Cooperage.....	3	110,814	36	58,734	168,962	258,264
Engraving, stereotyping and elec- trotyping.....	9	264,574	111	163,148	44,750	247,615
Furniture.....	50	1,867,595	1,024	1,259,667	1,665,037	3,544,599
Lithographing.....	6	744,269	152	275,030	332,880	758,666
Miscellaneous paper products.....	10	1,240,506	260	336,505	1,000,049	1,594,279
Miscellaneous wood products.....	7	566,415	138	269,817	715,063	1,173,397
Planing mills, sash and door fac- tories.....	28	2,726,961	1,188	1,544,718	2,543,294	5,794,385
Printing and bookbinding.....	97	1,734,048	567	775,006	530,042	1,619,334
Printing and publishing.....	8	3,224,019	950	1,508,533	956,009	4,047,024
Sawmills.....	34	8,657,917	3,363	5,742,389	8,796,609	18,506,470
Wood turning.....	3	66,970	27	34,345	32,620	106,964
All other industries.....	8	715,808	208	314,915	393,041	879,311
Totals.....	287	24,626,240	8,830	13,307,400	19,561,634	43,008,909
Iron and Its Products—						
Automobile supplies.....	6	267,626	56	116,493	197,030	356,879
Boilers, tanks and engines.....	4	1,190,457	186	434,415	1,231,812	2,099,346
Castings, iron.....	13	1,183,513	475	834,790	499,519	2,308,517
Hardware, tools and cutlery.....	9	1,167,025	372	507,387	906,432	1,954,331
Heating and cooking apparatus.....	7	198,674	121	179,339	140,246	446,898
Iron and steel products, miscel- laneous.....	11	6,093,229	883	1,763,877	650,250	2,039,631
Machinery.....	17	3,723,062	1,008	1,918,047	2,364,007	6,603,051
Machine shops.....	20	588,534	244	423,435	243,575	910,874

**Principal Statistics of the Manufacturing Industries Located in the Cities of
Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1942—continued**

VANCOUVER—concluded

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Iron and Its Products—concluded						
Primary iron and steel.....	3	414,769	255	451,931	209,717	1,223,842
Sheet metal products.....	15	9,253,152	754	1,229,636	6,832,751	10,228,480
Shipbuilding and repairs.....	14	10,642,247	7,471	14,325,107	14,163,316	35,002,471
Wire and wire goods.....	6	2,167,033	313	455,296	1,933,484	2,969,100
All other industries.....	5	12,113,721	6,850	11,334,766	9,975,111	25,766,814
Totals.....	130	48,993,042	18,988	33,974,519	39,347,250	91,909,934
Non-ferrous Metal Products—						
Brass and copper products.....	11	470,665	242	473,345	454,411	1,452,619
Electrical apparatus and supplies.....	11	490,076	201	317,141	451,858	1,020,665
Jewellery and silverware.....	4	115,441	63	112,462	83,249	215,473
White metal alloys.....	4	399,239	69	93,535	554,619	829,385
Totals.....	30	1,475,421	575	996,483	1,544,137	3,518,142
Non-Metallic Mineral Products—						
Cement products.....	8	355,392	101	150,279	640,506	930,616
Glass products.....	6	194,632	42	48,455	97,910	180,877
Miscellaneous non-metallic mineral products.....	4	201,268	46	94,353	125,778	345,316
Stone products.....	6	90,470	19	25,299	9,515	64,321
All other industries.....	8	13,226,206	373	645,532	5,225,817	7,877,446
Totals.....	32	14,067,968	581	963,918	6,099,526	9,398,576
Chemicals and Allied Products—						
Miscellaneous chemical products.....	7	72,927	23	18,530	42,999	147,293
Paints, pigments and varnishes.....	5	888,955	95	155,356	460,581	962,524
Soaps and washing compounds.....	12	331,777	102	112,394	184,664	380,828
Toilet preparations.....	3	21,385	4	1,868	5,273	11,916
All other industries.....	12	1,297,656	207	303,942	682,108	1,742,369
Totals.....	39	2,612,700	431	592,090	1,375,625	3,244,930
Miscellaneous Industries—						
Brooms, brushes and mops.....	5	218,651	103	113,518	145,189	324,584
Ice, manufactured.....	7	1,378,302	173	241,690	13,029	328,197
Musical instruments and materials.....	3	27,009	8	4,979	4,548	10,664
Scientific and professional equip- ment.....	3	15,496	7	10,257	5,090	26,509
Signs, neon, electric and other.....	4	239,642	112	174,571	155,821	778,558
Sporting goods.....	3	56,048	18	23,862	20,864	45,934
Stamps and stencils, rubber and metal.....	6	127,246	46	57,066	17,172	133,379
All other industries.....	9	591,811	200	273,455	483,577	974,221
Totals.....	40	2,654,205	667	899,398	845,290	2,622,046
Totals, Vancouver.....	897	136,336,017	37,858	60,779,827	116,153,100	223,295,187

APPENDIX II

Alphabetical List of the Products Reported as having been Manufactured in Canada in 1942

The appended list of the products of Canadian manufacturing industries presents the value and in most cases the quantity of the individual products in a much more detailed form. Prior to 1927, in presenting statistics of manufacturing production, the whole production of an establishment was taken as a unit. This not only prevented the presentation of production figures for specific products in detail, but also involved numerous inaccuracies in the production statistics of classes of commodities, owing to the fact that commodities which may be the major line of production in one establishment may also be products of secondary importance in another establishment where the major line of production puts the establishment into a different class. The statistics which follow, however, have been compiled by taking from the individual returns of each of the 27,862 manufacturing establishments covered, the value and, when given, the quantity of each commodity specified as produced by the establishment. In this way, detailed production figures are obtained for specific commodities and furthermore the total production of each commodity is brought together, no matter how varied may be the operations in different establishments producing it. Nevertheless it should be pointed out to those making use of these figures that there is one element of incompleteness about them. In the returns of many manufacturers, products of minor importance are grouped under the name "all other products". As will be seen from the group at the end of the list, the value of products not specified, while they may appear unimportant to the individual manufacturer, are, in the aggregate, a large amount, especially in the industries of the iron and steel group. It is obvious that one manufacturer may consider a product of insufficient importance to report separately for his establishment, while that same product may be reported separately by other establishments. In other words, included in the value of other products not specified at the end of the list, there are doubtless values which, had the products been specified by the manufacturer, would have been included in the values of commodities appearing on the list. However, the products not specified total only about 1.4 per cent in value of the whole manufacturing production, although in the iron and steel group this proportion is 2.9 per cent. With the exception of this group, therefore, the incompleteness of the figures on this account, is insignificant.

There is no duplication in the listing of products, nor do any of the items include products listed in more detail under another name. It is possible, however, that essentially the same commodity produced in different establishments may have been called by different names; in such a case, which is probably a very rare one, the items would appear separately in the following list.

Alphabetical List of Products Manufactured in Canada, 1942

Items	Unit of Measure	Quantity	Value
			\$
Abrasive cloth.....	—	—	*
Abrasive paper.....	—	—	*
Abrasive wheels and segments.....	—	—	5,075,258
Absorbent cotton.....	—	—	*
Acetic anhydride.....	—	—	*
Acetone.....	—	—	*
Acetylene.....	cu. ft.	105,751,660	2,429,493
Acid, acetic.....	—	—	*
Acid, calcium phosphate.....	—	—	*
Acid, cresylic.....	—	—	*
Acid, fatty, coconut, palm oil and tallow.....	—	—	*
Acid, hydrochloric (Muriatic).....	—	—	*
Acid, hydrofluosilicic.....	—	—	*
Acid, lactic.....	—	—	*
Acid, nitric.....	—	—	*
Acid, oleic.....	—	—	*
Acid, phosphoric.....	—	—	*
Acid, stearic.....	—	—	*
Acid, sulphuric.....	lb.	996,893,482	5,156,257
Adhesives, n.e.s.....	—	—	139,391
Advertising matter, printed, n.e.s.....	—	—	14,047,939
Advertising novelties (see "Novelties").....	—	—	—
Agitators, mining and metallurgical.....	—	—	27,897
Agricultural implements and parts, not elsewhere specified.....	—	—	2,247,903
Air conditioning equipment.....	—	—	504,137
Aircraft, including parts and repairs.....	—	—	185,367,238
Alcohol, denatured.....	pf. gal.	7,476,776	3,307,549
Alcohol, not denatured.....	—	2,284,949	1,116,677
Almond paste.....	lb.	87,024	30,745
Almonds, ground, etc.....	—	—	6,925
Alumina, fused (crude).....	ton	160,935	17,750,623
Alumina, fused (abrasive grains).....	—	—	*
Aluminum fluoride.....	—	—	*
Aluminum products not specified.....	—	—	*
Ammonia, anhydrous.....	lb.	172,482,709	3,617,484
Ammonia, aqua.....	—	—	*
Ammonia, liquid.....	—	—	4,463
Ammonia, liquor.....	—	—	18,079
Ammonia powder.....	lb.	3,928,585	186,290
Ammonium chloride.....	—	—	*
Ammonium hydroxide.....	—	—	*
Ammonium nitrate.....	—	—	*
Ammonium perchlorate.....	—	—	*
Ammonium phosphate.....	—	—	*
Ammonium sulphate.....	ton	118,881	3,861,195
Ammunition.....	—	—	135,246,394
Amyl acetate.....	—	—	*
Anti-freeze.....	—	—	*
Apple butter.....	lb.	321,976	28,344
Apple pomace, chop and waste.....	—	2,795,367	106,647
Apple juice concentrate.....	—	14,862,512	815,083
Apples, evaporated and dehydrated.....	—	11,810,904	1,437,018
Aprons, fabric.....	doz.	343,563	1,034,305
Aprons, rubber and oiled.....	—	7,758	67,436
Arm bands.....	—	33,041	36,969
Art needlework.....	—	—	39,608
Art work (printing).....	—	—	744,223
Asbestos clutch facings.....	no.	628,649	203,071
Asbestos gaskets.....	lb.	66,213	38,318
Asbestos products, n.e.s.....	—	—	797,132
Asphalt.....	imp. gal.	55,065,783	4,714,887
Asphalt emulsion.....	gal.	2,967,717	379,445
Asphalt products, not elsewhere specified.....	—	—	622,451
Automobiles, commercial—			
$\frac{3}{4}$ ton or less.....	no.	12,589	6,328,902
1 ton and less than $1\frac{1}{2}$ tons.....	—	3,288	2,112,288
$1\frac{1}{2}$ tons and less than 2 tons.....	—	31,224	24,753,871
2 tons and less than $2\frac{1}{2}$ tons.....	—	17,081	10,287,966
$2\frac{1}{2}$ tons and less than $3\frac{1}{2}$ tons.....	—	33,464	33,407,227
$3\frac{1}{2}$ tons and over.....	—	477	871,730
Other, including military vehicles.....	—	116,581	148,704,691
Automobiles, passenger—			
Permanent closed cars.....	no.	12,079	10,216,811

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1942—Con.

Items	Unit of Measure	Quantity	Value
Automobiles; passenger—<i>Concluded</i>			\$
Buses and bus bodies.....	—	—	1,627,192
Hearses, and other special cars.....	—	—	1,193,563
Automobile bodies and cabs.....	—	—	29,939,876
Automobile chassis.....	—	—	88,202
Automobile parts and accessories, not specified.....	—	—	96,484,903
Automobile cloths.....	—	—	29,551
Automobile trailers.....	yd.	18,095	3,356,341
Awnings and verandah curtains.....	—	—	602,434
Axes and hatchets.....	—	—	876,294
Axes and shafts, automobile.....	no.	956,298	14,130,850
Axes and parts, not specified.....	—	—	821,197
Babbit metal.....	lb.	4,182,882	1,104,772
Badges, rosettes, buttons, etc.....	—	—	624,400
Bags, fabric—			
Cotton.....	doz.	5,316,964	9,693,827
Jute.....	"	4,303,969	9,119,467
Sleeping.....	"	13,002	359,420
Tea.....	—	—	137,941
Fabric, not specified.....	—	—	1,820,708
Bags, leather and imitation leather—			
Club bags and suit cases.....	—	—	1,752,602
Hand.....	—	—	4,718,054
Shopping.....	no.	188,742	127,784
School.....	"	130,920	90,147
Bags, paper—			
Glassine and cellophane.....	—	—	650,392
Millinery.....	—	—	213,159
Self-opening.....	—	—	2,660,947
Paper, not specified.....	—	—	5,616,919
Bags, rubber, air and steam.....	no.	8,039	93,672
Bags, rubber and rubberized, n.e.s.....	doz.	8,365	18,720
Bags, repaired.....	—	—	984,686
Bale ties—quantity made.....	ton	5,928	—
quantity sold.....	"	5,832	531,000
Ball and rod mills (metal working).....	—	—	206,617
Balloons.....	—	—	34,826
Balls, golf, tennis, footballs, etc.....	—	—	491,525
Barium chlorate.....	—	—	*
Barley, pot and pearl.....	lb.	6,851,237	161,836
Barley, roasted.....	—	—	11,034
Barn and stable equipment, not elsewhere specified.....	—	—	221,022
Barrels, wooden—			
Apple, etc.....	no.	860,478	897,063
Fish.....	"	75,481	99,625
Flour, sugar, etc.....	"	419,096	319,513
Oil, vinegar, water, etc.....	"	336,824	1,106,361
Whiskey, beer, etc. and other tight cooperage.....	—	—	*
Not specified.....	—	—	108,495
Barrels, steel.....	—	—	1,501,966
Barrels, repaired, etc.....	—	—	163,375
Bars, iron and steel—			
Hot rolled, of all grades—			
Quantity made.....	net ton	512,939	—
Quantity sold.....	"	435,963	35,084,070
Concrete reinforcing—			
Quantity made.....	net ton	39,911	—
Quantity sold.....	"	38,349	2,358,780
All other, including cold rolled and cold drawn, spike rods, bolt stock, etc—			
Quantity made.....	net ton	32,153	—
Quantity sold.....	"	32,033	4,541,773
Bars and ingots, sold—			
Aluminum.....	lb.	6,595,717	1,240,522
Brass and bronze.....	"	46,291,257	5,037,461
Basket bottoms.....	—	—	7,913
Baskets and crates, fruit and vegetable.....	—	—	1,862,549
Baskets, other, not specified.....	—	—	385,801
Bathing caps.....	doz.	15,623	24,020
Bathing suits.....	"	78,757	1,273,618
Bathrobes, kimonos, lounging jackets, etc.—			
Silk and artificial silk mixed.....	doz.	31,258	1,614,381
Wool and flannel.....	"	16,374	758,114

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1942—Con.

Items	Unit of Measure	Quantity	Value
			\$
Bathrobes, kimonos, lounging jackets, etc.— <i>Concluded</i>			
Not specified.....	doz.	77, 179	1, 774, 401
Bats, baseball.....	no.	126, 170	55, 113
Batteries—			
Storage, for automobiles and other internal combustion engines	no.	949, 512	4, 485, 191
Storage, for railway service.....	"	9, 409	226, 465
Storage, for motor cycle starting.....	"	6, 640	23, 882
Storage, for telephone switch boards.....	"	4, 289	72, 733
Storage, for farm lighting plants.....	"	46, 805	298, 396
Storage, for all other purposes.....	—	—	1, 256, 964
Dry-cell, 6-inch.....	no. of cells	1, 578, 592	452, 595
Dry-cell, flash-light.....	"	17, 349, 793	1, 045, 468
Dry-cell, radio, A. B. and C.....	no.	1, 652, 226	2, 291, 714
Dry-cell, not specified.....	—	—	216, 975
Parts, supplies and primary wet cells.....	—	—	833, 419
Battery containers and parts.....	—	—	1, 076, 268
Batting, wadding, flocks and rolls, (including auto batts)	—	—	2, 159, 855
Beauty parlour and barber equipment, n.e.s.....	—	—	175, 125
Beds and couches—			
Metal and iron beds.....	no.	216, 000	1, 609, 402
Studio couches, metal.....	"	54, 043	1, 205, 230
Studio couches, other.....	"	15, 123	364, 626
Metal couches, other.....	"	16, 489	82, 776
Couches, lounges, etc., other than metal.....	"	5, 553	37, 378
Metal and iron cots and bunks.....	—	—	457, 087
Cribs, all kinds.....	no.	18, 964	136, 414
Beds, camp.....	—	—	*
Bedspreads and bed sets.....	no.	319, 063	1, 599, 187
Beef extract.....	—	—	*
Beekeepers' supplies, not elsewhere specified.....	—	—	275, 152
Beer, ale, stout and porter—			
In barrels.....	gal.	34, 319, 073	29, 401, 337
In bottles.....	"	74, 698, 557	90, 810, 331
Beer, spruce.....	—	129, 101	79, 896
Beet pulp, wet and dried.....	—	—	602, 742
Bells and gongs.....	—	—	15, 794
Belting, cotton.....	—	—	*
Belting, leather (transmission).....	lb.	836, 121	1, 586, 689
Belts, automobile, fan.....	no.	1, 213, 279	409, 506
Belting, rubber.....	lb.	5, 858, 373	3, 054, 355
Belts, rubber, not specified.....	"	289, 257	306, 211
Belts and aprons, sanitary.....	—	—	59, 428
Belts, body, not specified.....	—	—	1, 181, 164
Benzol.....	—	—	797, 257
Bicycles.....	no.	72, 120	1, 810, 771
Bicycle parts.....	—	—	143, 293
Billiard and bowling supplies, n.e.s.....	—	—	152, 926
Binders, loose-leaf and other.....	—	—	1, 132, 844
Binders, grain and corn.....	—	—	2, 355, 929
Binding and stitching (trade work).....	—	—	783, 855
Bindings, (see also tapes).....	—	—	826, 088
Bins and hoppers.....	—	—	29, 426
Biological products, n.e.s.....	—	—	*
Biscuits, plain and fancy.....	ton	49, 020	15, 088, 700
Biscuits, pretzels.....	—	—	*
Biscuits, soda.....	ton	22, 964	7, 006, 727
Black, acetylene.....	—	—	*
Blackboards, asbestos.....	—	—	*
Blankets—			
Cotton.....	pair	1, 693, 325	
	or		
Cotton, mixed.....	lb.	4, 994, 280	2, 716, 195
	pair	183, 663	
	or		
Cotton warp.....	lb.	967, 514	597, 428
	pair	100, 872	
	or		
Wool.....	lb.	593, 024	402, 614
	pair	762, 145	
	or		
Not specified.....	lb.	5, 430, 267	5, 442, 000
Slumber throws.....	"	106, 415	93, 712
Blankets, horse.....	no.	23, 249	100, 182
	"	79, 795	191, 933

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1942—Con.

Items	Unit of Measure	Quantity	Value
Bleaching compound.....	—	—	\$ 449,539
Blinds, venetian (see "Shades and blinds").....	—	—	—
Blooms, billets and slabs.....	—	—	16,343,624
Blouses, women's.....	doz.	318,159	4,744,636
Blouses and shirtwaists, boys'.....	"	57,668	325,193
Blow torches.....	—	—	205,906
Blowers, furnace.....	no.	2,182	32,854
Blue, laundry.....	—	—	106,532
Boats, life and whale.....	—	—	790,937
Boats, motor.....	no.	198	424,160
Boats, outboard.....	"	1,035	103,186
Boats, scows, tugs, and other craft.....	—	—	492,973
Boats, sail.....	no.	570	47,846
Boats, other, including row boats, skiffs, etc.....	"	2,143	108,277
Boiler compounds.....	—	—	695,866
Boilers, heating.....	no.	10,617	2,012,646
Boilers, heating and power.....	—	—	8,610,180
Boilers, power.....	—	—	5,073,898
Boilers, range.....	—	—	591,839
Boiler parts and accessories.....	—	—	580,456
Bologna and blood pudding.....	lb.	3,355,401	455,927
Bolt boards.....	—	—	*
Bolts, nuts and rivets.....	—	—	12,078,768
Bone meal.....	lb.	2,293,017	50,010
Bone, raw, ground, etc.....	"	9,707,645	165,384
Books, printed and bound.....	—	—	4,270,698
Books and pads, drawing, exercise, scribbles, etc., not elsewhere specified.....	—	—	1,680,681
Books, ledger and account.....	—	—	483,970
Books, counter, check, sales, etc.....	—	—	1,174,631
Books, blank, bound, not specified.....	—	—	568,976
Boron carbide.....	—	—	*
Bottles, thermos.....	—	—	205,809
Bowling supplies.....	—	—	*
Bowls, lawn.....	—	—	*
Box toes.....	pr.	7,586,059	141,053
Boxes, paper—	—	—	—
Corrugated.....	—	—	19,115,446
Fibre board.....	—	—	630,195
Folding.....	—	—	11,929,459
Mailing tubes and other round.....	—	—	112,775
Set-up.....	—	—	6,795,294
Not specified.....	—	—	186,707
Boxes, wooden—	—	—	—
Berry.....	no.	31,948,712	146,412
Butter.....	"	2,661,944	620,708
Cheese.....	"	1,959,221	570,176
Cigar and tobacco.....	—	—	*
Fish.....	no.	1,731,248	441,760
All other boxes and containers, not specified.....	—	—	12,707,221
Braids and gimps.....	—	—	718,353
Brake beams and parts.....	—	—	132,255
Brakes, auto, and parts.....	—	—	4,859,175
Brakes, brake shoes and parts.....	—	—	1,117,102
Bran.....	ton	277,565	6,832,322
Brass and bronze work, ornamental.....	—	—	144,331
Brass products, not specified.....	—	—	417,276
Bread.....	lb.	1,153,970,491	63,349,411
Breakfast foods (see "Cereal products").....	—	—	—
Bricks, cement.....	—	—	42,434
Bricks, from domestic clay.....	M	169,470	3,027,728
Bricks, sand-lime.....	—	—	178,804
Briquettes, coal and coke.....	ton	45,000	315,000
Broaches.....	—	—	*
Brooms—	—	—	—
Corn.....	doz.	290,250	1,392,519
Fibre.....	"	30,140	205,922
Hair.....	"	6,754	83,864
Toy.....	"	12,814	16,919
Other.....	"	1,394	29,135
Bronze products, n.e.s.....	—	—	2,302,337
Brushes—	—	—	—
Made of corn and fibre.....	doz.	86,976	126,148
Clothes.....	"	37,140	104,590

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1942—Con.

Items	Unit of Measure	Quantity	Value
			\$
Brushes— <i>Concluded</i>			
Generator and motor.....	—	—	429, 223
Hair.....	doz.	78, 381	555, 283
Nail.....	"	37, 473	41, 871
Paint.....	"	428, 028	1, 625, 376
Shaving.....	"	78, 156	409, 365
Shoe.....	"	45, 165	95, 534
Tooth.....	"	614, 626	782, 366
For household purposes.....	"	409, 423	731, 995
For factory use.....	"	439, 440	1, 178, 017
Other, not specified.....	"	221, 851	399, 466
Brush blocks, backs, etc.....	—	—	52, 997
Buckles, clips, etc.....	—	—	140, 128
Buffing composition.....	—	—	15, 000
Buffing wheels.....	—	—	*
Bufis, polishing, cotton.....	—	—	*
Building blocks, hollow, cement, cinder, sand-lime, etc.....	—	—	1, 261, 858
Buns.....	—	—	7, 411, 136
Burlap products.....	—	—	*
Burners, lamp and lantern.....	—	—	*
Burners, not specified.....	—	—	*
Butane.....	—	—	*
Butter, factory made.....	lb.	284, 591, 372	97, 740, 910
Butter, whey, factory made.....	"	2, 682, 111	825, 308
Buttons—			
Celluloid.....	gr.	67, 675	152, 694
Plastic material.....	"	1, 697, 674	858, 891
Ivory.....	—	—	*
Leather.....	gr.	10, 350	26, 460
Metal.....	—	—	599, 432
Moulded.....	gr.	2, 487, 251	519, 953
Pearl.....	"	704, 105	348, 731
Covered.....	"	43, 280	30, 986
Not specified.....	—	—	252, 490
Button covering, hemstitching, etc.....	—	—	988, 650
Butyl acetate.....	—	—	*
Cabinets, silverware, not elsewhere specified.....	—	—	*
Cabinets, medicine.....	—	—	*
Calcium chloride.....	—	—	*
Calcium carbide.....	—	—	*
Calcium cyanamide.....	—	—	*
Calcium cyanide.....	—	—	*
Calcium stearate.....	—	—	*
Calks, horseshoe and other.....	—	—	*
Cameras.....	—	—	*
Candles.....	—	—	916, 631
Candlesticks, n.e.s.....	—	—	52, 450
Candy sticks.....	—	—	65, 868
Canes.....	—	—	*
Canoes.....	no.	2, 202	164, 880
Cans, fibre.....	—	—	1, 327, 708
Cans, tin, packers' sanitary.....	—	—	33, 132, 798
Cans, metal, other.....	—	—	1, 544, 889
Canvas and canvas goods, not elsewhere specified.....	—	—	708, 556
Capacitors (static condensers), for power factor correction.....	—	—	*
Caps—			
Cloth.....	doz.	217, 351	1, 500, 612
Cotton.....	"	47, 033	108, 503
Fur.....	"	6, 978	174, 490
Leather.....	"	23, 539	204, 172
Uniform.....	"	177, 922	2, 231, 504
Not specified.....	"	45, 385	247, 665
Caps, bottle, milk.....	—	—	672, 652
Caps, bottle, metal and other.....	—	—	4, 917, 517
Carbamite.....	—	—	*
Carbon dioxide gas.....	—	—	*
Carbon dioxide in cylinders.....	lb.	11, 344, 268	822, 014
Carbon dioxide, solid.....	"	7, 098, 148	223, 978
Carbon bisulphide.....	—	—	*
Carbons, illuminating, for lamps.....	—	—	*
Cards, greeting.....	—	—	2, 862, 580
Cards, playing.....	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1942—Con.

Items	Unit of Measure	Quantity	Value
			\$
Cards, visiting.....	M	16,352	38,336
Carpets, mats and rugs—			
Carpets in rolls, including stair—			
Axminster.....	carpet yd.	368,031	807,383
Wilton.....	"	276,803	996,800
Other, not specified.....	"	18,450	30,440
Carpets in squares, 4'6" by 7'6" or larger—			
Axminster.....	carpet yd.	796,606	1,738,474
Wilton.....	"	211,145	837,949
Other.....	"	37,709	91,708
Small squares and runners—			
Axminster.....	carpet yd.	152,418	341,971
Wilton.....	"	63,311	245,652
Other, not specified.....	"	74,961	174,052
Rugs made from old carpets.....	—	—	203,424
Rugs and carpets, not specified.....	—	—	607,824
Carpet sweepers.....	—	—	*
Carriages and wagons, complete.....	—	—	265,677
Carriages and sleighs, baby.....	—	—	1,262,604
Carriage and wagon bodies and boxes.....	—	—	101,160
Carriage and wagon materials.....	—	—	337,219
Carriers, litter.....	—	—	*
Cars, electric railway.....	—	—	*
Cars, steam railway, new.....	no.	1,441	9,497,724
Cars, mining.....	—	—	*
Cars, dump, hand, push and other, not specified.....	—	—	1,051,245
Carvings, wood and other.....	—	—	59,439
Casein.....	lb.	4,260,207	668,254
Cases, clock.....	—	—	*
Cases, fibre, not specified.....	—	—	*
Cases, eye-glass and jewellery.....	—	—	581,556
Cases, leather and imitation leather, all kinds.....	—	—	241,945
Cases, toiletware and silverware.....	—	—	254,073
Cases, not specified.....	—	—	980,972
Caskets.....	no.	85,609	2,510,109
Casks, wine, etc.....	—	—	173,186
Castings—			
Aluminium.....	lb.	4,682,652	3,139,724
Brass.....	"	7,722,179	2,370,998
Bronze.....	"	31,256,867	7,973,599
Copper.....	"	241,549	73,674
Die.....	"	24,957,340	5,003,892
Grey iron.....	ton	236,350	24,955,473
Malleable iron.....	"	54,415	8,963,272
Iron, not specified.....	"	2,856	2,665,641
Lead.....	lb.	1,254,582	90,333
Steel—			
Quantity made.....	N. ton	150,945	—
Quantity sold.....	"	145,508	29,419,776
Castings not specified.....	—	—	219,432
Castors, all kinds.....	—	—	422,259
Catalogues, printed, etc.....	—	—	3,462,052
Ceiling and siding, metal.....	—	—	66,333
Cellophane products, not elsewhere specified.....	—	—	*
Celluloid products, not specified.....	—	—	*
Cellulose products, n.e.s.....	—	—	349,768
Cement, Portland.....	—	—	15,628,403
Cement, roofing.....	—	—	48,416
Cement, rubber.....	—	—	451,649
Cement products, not specified.....	—	—	967,908
Cereal products, prepared ready to serve.....	lb.	66,923,498	10,141,004
Cereal products, unprepared.....	"	21,435,299	1,043,421
Cerelose.....	—	—	*
Certificates, stock, bond, etc, printed.....	—	—	1,163,347
Chains, automobile.....	—	—	3,791,335
Chains, other than automobile, including sprocket chain.....	—	—	3,385,578
Chalices and other church vases.....	—	—	31,620
Chamois products.....	—	—	242,956
Chaplets, foundry.....	—	—	165,208
Chaps.....	—	—	*
Charcoal.....	—	—	917,402
Cheese, Canadian cheddar.....	lb.	206,935,464	41,274,246
Cheese, other than cheddar.....	"	1,720,667	650,253

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1942—Con.

Items	Unit of Measure	Quantity	Value
			\$
Cheese, skim milk and cottage.....	lb.	3,665,146	415,658
Cheese, processed and packed.....	"	26,822,200	8,077,689
Cheesecloth.....	"	"	475,169
Chemical products, not elsewhere specified.....	"	"	1,244,491
Cheques, notes, drafts, bank notes, etc., printed.....	"	"	748,748
Chests, cedar.....	no.	38,727	834,642
Chests, other, wood.....	"	"	61,222
Chewing gum.....	boxes	7,957,113	4,337,930
Chicken, canned (see "meats, canned").....	"	"	*
Chicory, roasted.....	"	"	418,492
Children's wash suits and rompers.....	"	"	61,637
Children's wear, not specified.....	"	"	*
Chloride of lime.....	"	"	2,042,623
Chlorine, liquid.....	"	"	63,226
Chocolate coating.....	lb.	364,153	"
Choppers, food.....	"	"	*
Churns.....	"	"	*
Cider (for sale).....	gal.	499,108	150,036
Cigars.....	M	206,486	7,906,429
Cigarettes.....	"	11,966,459	115,125,426
Cinder blocks (see "Building blocks").....	"	"	*
Classifiers (metal working).....	"	"	122,160
Clay, bentonite and other.....	"	"	"
Cleaners, vacuum—			
Floor models.....	no.	34,143	1,292,401
Not specified and parts.....	"	"	269,902
Cleaner, hand.....	"	"	173,366
Cleaning and scouring powder and paste.....	"	"	1,212,865
Cleaning preparations, other.....	"	"	494,702
Clips, wire.....	"	"	92,147
Clocks.....	"	"	1,006,460
Cloth, gummed.....	"	"	*
Clothes pins.....	"	"	195,661
Clothing rubber, n.e.s.....	"	"	2,507,500
Clothing, anti-gas, safety, etc.....	"	"	2,875,393
Clothing, military, not elsewhere specified.....	"	"	3,386,290
Clothing, sport and athletic—			
Suits, jackets and blazers.....	"	"	2,021,504
Pants and slacks, not specified.....	"	"	1,543,775
Shorts.....	doz.	53,139	604,341
Parkas and hoods.....	"	"	311,357
Other sport clothing.....	"	"	2,280,958
Clothing, hospital.....	"	"	304,159
Clothing, oiled and waterproofed.....	"	"	983,199
Clothing, not specified.....	"	"	747,675
Coats, boys' and men's—			
Boy's overcoats and reefers.....	no.	117,065	1,164,156
Men's overcoats.....	"	1,149,240	18,454,044
Men's and boys' separate jackets, woollen.....	"	233,253	2,142,825
Men's and boys' separate jackets, other.....	"	142,540	465,640
Coats and cloaks, women's—			
Woollen.....	no.	1,634,205	25,005,030
Other.....	"	131,042	1,333,512
Coats, children's—			
Woollen.....	no.	522,498	2,818,853
Other.....	"	75,943	218,078
Coats, other—			
Windbreakers.....	"	"	4,784,662
Blazers (see "sport clothing").....	"	"	"
Leather coats and vests, not elsewhere specified.....	doz.	8,030	804,808
Mackinaws.....	"	11,168	569,172
Washable coats, men's and boys'.....	"	56,499	1,113,977
Rubber and rubberized coats.....	"	19,038	1,020,035
Waterproofed and oiled coats, other.....	"	22,496	1,107,524
Other coats, not specified.....	"	"	1,000,276
Coats, fur—			
Children's.....	no.	258	7,077
Ladies' (coats and capes).....	"	180,140	22,614,303
Men's.....	"	1,320	140,804
Coats, fur-lined.....	"	2,108	129,073
Coat shells and plates.....	"	"	555,667
Cobalt naphthanate.....	"	"	*
Cocoa (made for sale).....	lb.	13,356,086	1,897,391

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1942—Con.

Items	Unit of Measure	Quantity	Value
Cocoa butter—			\$
Made for own use.....	lb.	7,221,997	—
Made for sale.....	"	3,113,969	972,215
Cocoa and chocolate preparations, not specified (for sale).....	"	12,378,889	2,380,666
Cocanut, prepared and desiccated.....	—	—	*
Coffee, condensed.....	—	—	*
Coffee, roasted.....	lb.	38,934,693	15,234,000
Coffee substitute.....	"	733,576	107,119
Coffee makers, electric and percolators.....	no.	20,236	53,535
Coffee makers' glass pots.....	—	—	*
Coffins.....	no.	10,186	108,845
Coffin boxes (shells).....	"	58,797	277,531
Coils.....	—	—	*
Coke, gas-house.....	ton	3,265,549	27,711,673
Coke, petroleum.....	"	73,411	527,737
Coke, pitch.....	"	17,234	137,189
Cold storage equipment.....	—	—	62,627
Collars, men's.....	doz.	56,689	156,098
Collars, fur.....	no.	145,239	1,285,514
Colours, butter, cheese and other.....	—	—	180,665
Colours, dry.....	—	—	1,399,944
Colours, in oil and japan.....	lb.	1,212,518	290,863
Combs.....	—	—	418,198
Comforters—			
Cotton.....	no.	218,914	476,918
Down.....	"	35,512	329,239
Wool.....	"	41,848	181,585
Not specified.....	"	3,156	9,557
Communication systems, radio, etc.....	—	—	7,863,832
Compressors, air.....	—	—	3,825,807
Concrete, ready mixed.....	—	—	3,116,646
Conduit, electrical, rigid iron.....	lb.	25,569,351	2,131,916
Conduit, electrical, flexible.....	—	—	52,032
Conduit fittings.....	—	—	460,591
Conduit, not specified.....	—	—	498,981
Cones, ice cream.....	M	274,189	651,002
Cones and tubes, textile winding.....	—	—	*
Confectionery, chocolate—			
In bulk.....	lb.	24,483,695	6,237,605
In bars.....	doz.	40,164,776	14,905,766
In packages.....	lb.	12,004,115	4,381,000
Confectionery sugar—			
In bulk.....	"	44,445,712	7,487,722
In bars.....	doz.	3,631,165	1,468,371
In packages.....	lb.	5,357,146	1,733,745
Penny goods.....	gr.	2,363,003	2,110,132
Lozenges.....	lb.	1,182,268	220,411
Confectionery not specified.....	"	2,003,040	477,015
Containers, not specified.....	—	—	624,165
Control and starting equipment, not elsewhere specified.....	—	—	4,057,756
Converter equipment, electrical.....	—	—	4,332,743
Coolers, milk and other.....	—	—	60,550
Cooperage products, not specified.....	—	—	191,128
Copper alloys.....	—	—	658,814
Copper carbonate and copper cyanide.....	—	—	*
Copper products, not specified.....	—	—	57,506
Cores for paper rolls.....	—	—	612,304
Cores, radiator.....	—	—	136,580
Cores, textile winding.....	—	—	*
Cork stoppers.....	—	—	*
Corn cracked.....	lb.	25,644,384	609,293
Corsets, girdles, brassieres, etc.—			
Corsets.....	doz.	226,757	3,194,608
Combination garments.....	"	66,703	1,651,342
Bandeaux, brassieres, etc.....	"	353,306	2,009,759
Suspender girdles, shoulder straps, etc.....	—	—	105,253
Corset steels, and clasps.....	—	—	*
Cotton fabrics—			
Unbleached or grey.....	lb.	82,282,131	—
Bleached or white.....	yd.	230,958,260	35,307,480
Yarn and stock dyed.....	lb.	9,689,511	—
	yd.	39,866,539	5,847,612
	lb.	15,148,199	—
	yd.	37,912,263	7,656,501

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1942—Con.

Items	Unit of Measure	Quantity	Value
			\$
Cotton fabrics— <i>Concluded</i>			
Piece dyed.....	lb.	26,992,975	—
	y.d.	78,573,208	21,084,422
Printed and painted.....	lb.	20,385,886	—
	y.d.	88,350,011	11,231,174
Pillow cotton.....	lb.	999,683	—
	y.d.	2,655,910	519,824
Cotton and continuous filament, artificial silk mixed—			
Piece dyed.....	lb.	767,040	—
	y.d.	1,902,022	842,906
Bleached.....	lb.	39,029	—
	y.d.	94,449	32,832
Other.....	lb.	7,189	—
	y.d.	21,985	1,854
Not specified.....	—	—	872,774
Countersinks and drills.....	—	—	67,890
Counters, shoe.....	pr.	31,915,170	586,273
Covering, boiler and pipe, asbestos.....	ft.	4,446,893	532,574
Covers, canvas.....	—	—	5,332,309
Covers, couch, table, and other furniture.....	—	—	167,874
Covers, mattress.....	—	—	139,874
Covers, radiator, tire, seat, etc. fabric.....	—	—	248,448
Covers, not specified.....	—	—	879,020
Cracklings and fats.....	lb.	28,731,815	703,184
Crayons, wax and chalk.....	—	—	240,080
Cream curd.....	—	—	108,673
Cream, sold in dairy factories.....	lb.	21,828,827	13,662,618
Cream, whey, sold in dairy factories.....	"	1,044,684	313,817
Cream of tartar, refined.....	"	95,814	82,931
Cream separators, electric.....	no.	21,119	1,095,641
Cresosote.....	—	—	22,500
Cresols.....	—	—	*
Croquet sets.....	—	—	*
Cross arms.....	—	—	160,873
Crucibles, clay.....	—	—	24,623
Crushers and parts.....	—	—	161,728
Cuffs, fur.....	pr.	8,385	48,411
Cultivators.....	no.	8,469	478,549
Cups, paper, drinking.....	—	—	*
Curtains, shower.....	—	—	*
Curtains, window.....	—	—	1,673,439
Curtain material.....	y.d.	1,639,374	181,030
Curtain rods and fixtures.....	—	—	448,880
Cushions.....	—	—	357,519
Cushion forms.....	no.	81,284	38,880
Cushions and mattresses, air and sponge.....	doz.	1,073	12,842
Cutlery, all kinds.....	—	—	936,402
Dairy products, not specified.....	—	—	85,416
Dairy equipment, not specified.....	—	—	860,558
Decorations, including party favours, confetti, etc.....	—	—	94,883
Dentifrices.....	—	—	2,560,871
Dentists' supplies, not elsewhere specified.....	—	—	172,053
Deodorant.....	—	—	275,624
Depressors, tongue.....	—	—	25,999
Desk sets.....	—	—	48,597
Dextrine.....	—	—	*
Dextrose (see glucose)	—	—	—
Diaries, printed, etc.....	—	—	62,649
Dibutyl phthalate.....	—	—	*
Dies, aluminum.....	—	—	—
Dies, stamping, drawing and cutting.....	—	—	458,959
Dies, metal-working, n.e.s.....	—	—	1,228,291
Dies, taps and stocks.....	—	—	135,644
Dies, rubber, n.s.....	—	—	115,374
Diggers, potato.....	—	—	*
Dinnerware, china.....	—	—	*
Dises, agricultural.....	no.	7,020	1,165,426
Dish cloths.....	—	—	103,647
Disinfectants.....	—	—	545,546
Display forms, and mounting.....	—	—	456,895
Display stands.....	—	—	43,471
Distillers' grain.....	—	—	460,987
Dog collars.....	no.	101,705	23,694

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1942—Con.

Items	Unit of Measure	Quantity	Value
			\$
Doilies, paper, dinner cloths, etc.	—	—	78,045
Dolls of all kinds.	doz.	196,589	1,036,416
Dolls' furnishings and parts.	—	—	86,520
Doors, steel rolling, kalomein and hollow metal.	—	—	1,397,242
Dowels.	—	—	194,997
Draperies and drapery material.	—	—	450,651
Dresses, women's and misses'—			
Cotton.	no.	5,635,952	7,140,055
Linen.	"	11,404	67,994
Artificial silk and mixtures.	"	8,145,146	28,961,681
Velvet.	"	46,229	338,885
Woollen.	"	447,173	3,461,198
Not specified.	"	31,895	149,638
Dresses, children's—			
Cotton.	doz.	208,430	1,706,505
Artificial silk and mixtures.	"	81,874	1,127,695
Woollen.	"	21,561	487,290
Not specified.	"	6,646	59,337
Dressing gowns, negligees (see "bathrobes," etc.)			
Dressing, salad.	lb.	9,181,693	2,186,340
Drilling machines.	—	—	310,481
Drills, grain.	no.	8,680	1,433,927
Drills, twist and other.	—	—	3,239,263
Drills, mining and metallurgical.	—	—	856,931
Druggists' sundries—			
Hot water bottles.	doz.	18,272	91,837
Finger cots and pads.	"	85,926	19,239
Nipples and soothers.	"	411,267	135,006
Ice caps and collars.	"	3,397	19,578
Not specified.	"	—	6,338
Drums, veneer and plywood.	—	—	158,308
Dyeing, finishing, shrinking, etc.—(†)			
Dyeing and finishing of textiles.	yd.	67,353,515	4,107,958
Dyeing and finishing of yarns.	—	—	2,407,472
Dyeing and finishing of other products.	—	—	193,424
Bleaching, sponging, etc.	—	—	1,940,246
Dyes, household.	—	—	356,383
Dyes and dressing, leather.	—	—	490,478
Ear muffs.	—	—	*
Eavetrough and pipe.	—	—	521,332
Economizers.	—	—	*
Egg substitute, including powdered albumen.	lb.	332,447	48,919
Eggs, frozen.	—	—	*
Eiderdown (see "Woollen cloth")	—	—	—
Elastic products, not elsewhere specified.	—	—	23,445
Electrical heating elements (sold separately).	no.	97,205	99,373
Electrical apparatus, parts and supplies, not elsewhere specified.	—	—	2,823,837
Electrical instruments and meters, except ammeters for autos.	—	—	3,124,861
Electrodes, carbon and graphite.	N. ton	134,518	10,315,746
Electrotyping and stereotyping.	—	—	1,367,668
Elevator parts.	—	—	326,388
Elevators, grain.	—	—	*
Elevators, freight and passenger.	—	—	1,660,799
Embalming fluid.	—	—	179,065
Emblems, badges and medals.	—	—	364,518
Embossing.	—	—	58,288
Embroideries and laces.	—	—	441,719
Embroidery, custom.	lb.	—	1,437,993
Enamel frit.	lb.	3,071,007	270,464
Enamels, synthetic type.	imp. gal.	1,386,340	4,390,219
Enamels, oil type.	"	550,232	1,501,920
Enamel, not specified.	—	—	41,749
Engines, auto.	—	—	9,467,283
Engines, auto, parts.	—	—	16,016
Engines, gasoline.	—	—	594,626
Engines, steam.	—	—	15,627,451
Engines, diesel and other, not specified.	—	—	3,231,329
Engine and turbine parts.	—	—	2,614,678
Engraving (trade work).	—	—	297,597
Ensilage cutters.	—	—	28,885
Envelopes, made.	M	2,262,707	4,028,485

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

(†) See footnote on last page.

Alphabetical List of Products Manufactured in Canada, 1942—Con.

Items	Unit of Measure	Quantity	Value
			\$
Envelopes, printed.....	—	—	2,612,275
Ethyl acetate.....	—	—	*
Eveners.....	—	—	14,462
Excelsior, paper.....	—	—	53,288
Excelsior, wood.....	ton	8,467	244,768
Excelsior pads, wrappers, etc.....	—	—	212,078
Explosives.....	—	—	53,203,589
Extracts, flavouring (bakers, confectioners, etc.).....	—	—	2,421,835
Extracts, flavouring, concentrates, etc. (used in soft drinks).....	—	—	5,204,774
Fabrics, coated and impregnated, not elsewhere specified.....	—	—	2,208,164
Fabrics, rubberized and waterproofed.....	—	—	2,036,790
Fabrics, not specified.....	—	—	4,100,844
Facial tissues (see tissue, cleansing)			
Facing and parting, foundry.....	—	—	217,740
Fanning mills.....	—	—	82,534
Fans, electric.....	no.	19,983	303,468
Fasteners, zipper.....	—	—	2,838,718
Fasteners of all kinds, n.e.s.....	—	—	829,616
Feathers, millinery.....	—	—	215,786
Feed, chopped grain.....	ton	1,228,233	39,366,632
Feed, flax.....	"	1,484	119,519
Felt, coated and saturated (fabric).....	—	—	348,984
Felt, cotton, hair and jute.....	—	—	1,121,904
Felt, harness and athletic.....	lb.	513,456	295,682
Felt, for pulp and paper making.....	"	3,038,776	3,784,315
Felt, lining, trimming, and padding.....	—	—	526,293
Felt, paper (see "paper")			
Felt, shoe and insole.....	—	—	455,581
Felt, not specified.....	—	—	850,122
Fences, electrical and equipment.....	—	—	277,312
Fences, not specified.....	—	—	72,363
Fencing, wire.....	—	—	1,403,037
Fencing, chain link.....	—	—	207,948
Fencing, snow.....	—	—	281,959
Ferro-alloys, (ferro-silicon, ferro-chrome, ferro-manganese, silicon spiegel, spiegelisen, etc.).....	—	—	26,687,891
Ferro-phosphorus.....	—	—	*
Fertilizers.....	ton	406,131	12,480,300
Fertilizer sowers.....	no.	610	77,630
Fibre board.....	—	—	600,110
Fibre products, n.s.....	—	—	58,087
Files and rasps.....	—	—	804,136
Filing system supplies.....	—	—	178,759
Fillers, non-metallic minerals.....	—	—	262,712
Fillers and flats, egg-case.....	—	—	698,861
Fillings, pie and cake.....	—	—	*
Film, cellulose.....	—	—	*
Films, motion picture.....	—	—	*
Films, photographers.....	—	—	284,646
Filters, filter presses, discs, etc.....	—	—	40,722
Fire clay.....	ton	5,601	902,371
Fire extinguishers.....	—	—	365,305
Fire fighting and fire protection equipment, not elsewhere specified.....	—	—	266,590
Fireplace furnishings.....	—	—	*
Fireworks (see "Pyrotechnics")			
Fish, canned and otherwise prepared in factories.....	—	—	43,839,627
Fish, fresh, marketed for consumption, sold in factories.....	—	—	15,601,349
Fishing nets.....	—	—	811,484
Fishing tackle.....	—	—	442,328
Fixtures, lighting, exterior.....	—	—	376,100
Fixtures, lighting, interior.....	—	—	3,498,161
Fixtures, lighting, not specified.....	—	—	1,359,952
Flags and bunting.....	—	—	326,128
Flashlights.....	—	—	*
Flatware, electro-silver plated and sterling.....	—	—	2,413,488
Flax products.....	—	—	1,373,984
Flax seed.....	—	—	293,178
Floor covering, including oilcloths, etc.....	—	—	*
Flooring, hardwood.....	M ft.b.m.	48,033	3,507,876
Floor tile and joists, steel.....	—	—	*
Flotation machines (mining and metallurgical).....	—	—	369,139

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1942—Con.

Items	Unit of Measure	Quantity	Value
			\$
Flour, barley (see "flour and meal")			
Flour, buckwheat.....	lb.	2,097,522	63,291
Flour, corn.....	"	7,246,231	261,981
Flour, potato (see "starch and flour")			
Flour preparations for sausage fillings.....	lb.	4,557,609	259,467
Flour, pancake.....	"	2,423,736	223,455
Flour, prepared, and self-raising.....	"	15,706,069	1,379,739
Flour, soya bean.....	"	2,285,710	178,283
Flour, wheat—			
Spring, No. 1 patent.....	bbl.	6,437,720	29,596,699
Spring, No. 2 patent.....	"	5,229,355	20,836,864
Spring, straight.....	"	5,425,127	22,832,827
Ontario winter, straight.....	"	1,140,607	5,719,367
Feed flour.....	"	164,847	435,004
Low grade flour.....	"	471,688	1,483,060
All other.....	"	1,250,632	5,140,045
Flour, graham or whole wheat.....	lb.	25,771,018	488,983
Flour and meal, barley.....	"	7,583,630	135,847
Flour, rice.....	"	670,000	25,684
Flour and meal, rye.....	"	10,753,045	208,966
Flowers, artificial.....	—	—	733,465
Fly pads and paper.....	—	—	248,692
Fly swatters.....	—	—	—
Foil of tin, lead and aluminium.....	—	—	2,753,634
Folding (trade work).....	—	—	81,354
Food drinks, (powdered).....	lb.	1,934,659	786,385
Food drinks, (liquid).....	gal.	3,925,370	2,033,108
Food, fox, dog, etc.—			
Fox biscuits.....	ton	1,757	179,985
Dog biscuits.....	"	1,317	182,137
Canned dog food.....	"	4,125	565,729
Other dog food.....	"	1,349	148,009
Other fox food.....	"	5,165	470,575
Rabbit, turtle and other animal food.....	"	1,455	113,595
Canned animal food, other.....	—	—	2,204
Food, poultry, stock, etc.....	ton	650,681	30,953,294
Food, poultry, stock, etc., ingredients.....	—	—	421,769
Food, infant and dietetic.....	lb.	5,404,981	709,839
Food, infants', canned.....	"	7,006,299	1,408,195
Food products, not specified.....	—	—	127,881
Foots, vegetable oil.....	lb.	1,537,617	57,379
Footwear, leather—			
Felt upper—			
Babies'.....	pr.	6,459	7,592
Boys'.....	"	32,591	44,809
Children's and misses'.....	"	115,429	77,733
Men's.....	"	382,450	637,870
Women's.....	"	213,186	191,005
Leather or fabric upper—			
Babies'.....	"	1,767,078	1,333,060
Boys'.....	"	1,048,458	1,922,172
Children's.....	"	3,236,963	3,934,773
Men's.....	"	9,166,689	28,721,411
Women's.....	"	12,609,226	26,863,084
Footwear, shoe packs, larrigans, moccasins, etc.—			
Babies'.....	"	24,374	6,939
Boys'.....	"	26,555	27,440
Children's.....	"	11,432	8,954
Men's.....	"	123,432	203,143
Women's.....	"	14,022	16,287
Not specified.....	—	—	34,779
Footwear, rubber—			
Knee and hip boots, all rubber.....	pr.	1,697,122	2,854,221
Lumbermen's boots, all rubber.....	"	1,183,359	2,337,482
Lumbermen's boots, leather tops.....	"	337,261	1,538,424
Rubbers, light and heavy, inc. Jersey storms.....	"	4,705,358	3,176,912
Overshoes and galoshes, all rubber.....	"	1,152,575	1,319,562
Overshoes and galoshes, fabric upper.....	"	2,766,361	5,836,915
Balmorals, rubber soles, fabric tops.....	"	274,362	231,942
Oxfords, rubber soled, fabric tops.....	"	2,074,448	1,452,264
Balmorals, rubber soled, leather tops.....	"	98	249
Oxfords, rubber soled, leather tops.....	"	198,092	392,473
Rubber bottoms for leather tops.....	"	180,481	297,077
Not specified.....	"	199,923	400,471

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1942—Con.

Items	Unit of Measure	Quantity	Value
			\$
Forgings, not elsewhere specified.....	—	—	33, 108, 403
Forks, farm implements.....	no.	441, 701	380, 487
Formaldehyde.....	—	—	*
Forms, continuous, printed.....	—	—	2, 452, 597
Fountains, soda.....	—	—	507, 784
Frames, spectacle, cases, etc.....	—	—	*
Fringes, cords and tassels.....	—	—	917, 433
Fruit drinks.....	—	—	200, 649
Fruit juices, canned.....	lb.	7, 080, 552	472, 961
Fruit juices, other.....	—	—	133, 712
Fruit peel, candied.....	lb.	1, 948, 802	391, 888
Fruit pulp.....	"	651, 202	45, 343
Fruits, canned—			
Apples including crab apples.....	lb.	2, 349, 051	124, 898
Apple sauce.....	—	—	*
Apricots.....	lb.	1, 969, 832	225, 406
Blackberries.....	"	290, 144	37, 846
Blueberries.....	"	729, 038	102, 876
Cherries.....	"	3, 943, 777	478, 886
Grapefruit.....	—	—	*
Loganberries.....	lb.	368, 821	39, 890
Peaches.....	"	27, 201, 065	2, 693, 551
Pears.....	"	16, 028, 883	1, 555, 258
Pineapple.....	—	—	—
Plums.....	lb.	4, 882, 081	345, 537
Raspberries.....	"	957, 536	164, 325
Rhubarb.....	"	247, 726	11, 540
Strawberries.....	"	865, 108	120, 342
Other fruits, not specified.....	—	600, 759	92, 710
Fruits, evaporated, other than apples.....	—	—	*
Fruits, fountain.....	lb.	2, 046, 516	654, 784
Fruits, glazes.....	"	3, 046, 037	880, 157
Fruits, frozen or cold pack, for re-processing.....	"	16, 740, 883	1, 425, 859
Fruits, straight frozen, not for re-processing.....	"	2, 240, 227	283, 248
Fruit and vegetable preparations, n.s.....	—	—	60, 491
Fuel, hog.....	—	—	280, 440
Funnels.....	—	—	154, 581
Fur dressing and dyeing.....	—	—	2, 631, 761
Fur trimming, remodelling, etc.....	—	—	4, 035, 667
Furnaces, electrometallurgical.....	—	—	1, 101, 232
Furnaces, hot air.....	no.	27, 110	2, 178, 532
Furnaces, not specified and furnace parts.....	—	—	601, 111
Furniture—			
Bedroom.....	—	—	10, 640, 234
Dining room.....	—	—	3, 708, 768
Kitchen.....	—	—	3, 876, 717
Living room.....	—	—	11, 466, 366
Other household.....	—	—	4, 177, 609
Office, steel.....	—	—	2, 743, 817
Office and store furniture and fixtures.....	—	—	4, 581, 681
Other steel.....	—	—	1, 076, 579
Children's.....	—	—	661, 515
School, lodge, church and theatre.....	—	—	1, 146, 984
Camp, lawn and verandah.....	—	—	271, 119
Wicker, fibre, reed and rattan, not specified.....	—	—	64, 433
Furniture, not specified, and other cabinet work.....	—	—	1, 903, 401
Furniture frames and parts.....	—	—	1, 110, 512
Fuses and fuse wire.....	—	—	826, 488
Gaiters, spats and leggings.....	—	—	84, 666
Galvanized ware.....	—	—	1, 300, 989
Games, not specified.....	—	—	545, 294
Garage equipment, n.e.s.....	—	—	855, 076
Gas, made—			
Retort coal gas.....	M cu. ft.	5, 131, 152	—
Coke oven gas.....	"	43, 228, 790	—
Producer gas.....	"	16, 171, 807	—
Water gas.....	"	4, 248, 453	—
Not specified.....	"	59, 090	—
Gas sold.....	"	18, 913, 230	17, 316, 135
Gas used in heating ovens, retorts or gas plants.....	"	25, 212, 211	3, 405, 110
Gas used in associated metallurgical work.....	"	21, 840, 825	1, 837, 253
Gas otherwise accounted for, but not sold.....	"	340, 132	81, 409

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1942—Con.

Items	Unit of Measure	Quantity	Value
Gas, not accounted for.....	M cu. ft.	1,449,551	826,134
Gas, still, from petroleum refineries (for own use).....	"	7,843,715	2,857,775
Gas, oil.....	—	—	582,587
Gasoline.....	imp. gal.	749,364,750	91,958,033
Gas masks and equipment.....	—	—	2,274,870
Gates, wire.....	—	—	130,469
Gauges, not specified.....	—	—	2,717,369
Gears, industrial.....	—	—	113,620
Gears, wagon.....	—	—	47,820
Generators—			
Alternating current.....	no.	378	3,774,009
Direct current.....	—	1,649	1,451,560
Generators, engine driven.....	—	—	*
Generator parts.....	—	—	87,962
Glass, bent.....	—	—	107,745
Glass bevelled, and polished edge.....	—	—	210,656
Glass, chipped or etched.....	—	—	54,014
Glass, cut.....	—	—	535,549
Glass, leaded, including memorial windows.....	—	—	90,139
Glass, non-shatterable.....	—	—	1,743,579
Glass, pressed, and blown.....	—	—	16,894,924
Glass products, other, including windshield glass.....	—	—	3,207,897
Gloves and mittens—			
Dress, knitted.....	doz. pr.	225,074	1,366,431
Dress, other.....	"	232,024	1,803,815
Work, knitted.....	"	42,397	123,240
Work, other.....	"	634,833	1,208,952
Knitted not specified.....	"	2,643	11,349
Gloves and mittens, leather, dress—			
Men's, lined.....	doz. per.	88,916	1,023,377
Men's, unlined.....	"	36,840	553,602
Women's and children's, lined.....	"	25,416	204,930
Women's and children's, unlined.....	"	101,964	1,362,541
Gloves and mittens, leather, work—			
Men's, lined.....	doz. pr.	95,630	719,290
Men's, unlined.....	"	478,464	3,076,887
Boys', lined.....	"	56,618	276,149
Boys', unlined.....	"	12,840	58,861
Gloves and mittens, leather, not specified.....	—	—	51,550
Gloves and mittens, fur and fur-lined.....	doz. pr.	533	2,610
Gloves, rubber and rubberized.....	doz.	256,868	1,472,595
Glucose or dextrose.....	—	—	*
Glue (bone, hide, fish and vegetable).....	lb.	31,610,893	3,183,993
Glue stock.....	"	33,380,321	314,182
Gluten.....	—	—	*
Glycerine, crude.....	—	—	389,293
Glycerine, refined.....	lb.	11,877,284	1,827,122
Goggles, sun.....	—	—	406,431
Gold alloys.....	—	—	1,199,620
Gold, fine.....	—	—	1,806,610
Gold leaf.....	—	—	*
Golf supplies, including golf bags, sticks, heads, clubs and stick shafts.....	—	—	250,712
Grains, sold wet and dry (breweries).....	ton	92,205	611,794
Granite, cut (building and ornamental).....	—	—	1,724,304
Grape concentrate.....	—	—	*
Grape juice.....	gal.	690,917	362,167
Graphite.....	—	—	117,782
Grate bars.....	—	—	185,876
Grease.....	lb.	28,971,996	1,805,116
Grease, lubricating.....	"	1,726,281	217,755
Grills and hot plates, electric.....	no.	48,359	182,264
Grinding machines.....	—	—	392,635
Grinding balls.....	—	—	1,136,062
Grinding compound.....	—	—	13,795
Gums, unvulcanized.....	lb.	680,030	193,188
Gymnasium supplies, not specified.....	—	—	*
Gypsum blocks.....	—	—	9,618
Hair, animal, raw.....	lb.	6,527,341	918,526
Hair goods.....	—	—	227,625
Hair wavers, curlers, pads, etc.....	—	—	210,063
Halters.....	—	—	107,228

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1942—Con.

Items	Unit of Measure	Quantity	Value
			\$
Hames.....	—	—	*
Hammers.....	—	—	24,294
Hammocks.....	doz.	4,884	169,031
Handkerchiefs.....	—	—	432,083
Handles, broom and mop.....	no.	15,881,795	296,199
Handles, long, tool and axe.....	"	3,654,051	686,225
Handles, small tool.....	"	15,121,407	356,575
Handles, not specified.....	—	—	106,483
Hangers, garment.....	—	—	161,638
Hardware, automobile.....	—	—	964,646
Hardware, builders.....	—	—	3,778,703
Hardware, carriage and saddlery.....	—	—	507,259
Hardware, furniture.....	—	—	918,147
Hardware, pole-line.....	—	—	2,133,225
Hardware, not specified.....	—	—	4,002,754
Harness, double.....	set	7,992	338,607
Harness, single.....	"	4,728	119,675
Harness collars.....	no.	121,194	363,186
Harness parts.....	—	—	837,251
Harrows.....	no.	31,578	784,406
Harrow parts.....	—	—	12,113
Hassocks.....	—	—	139,721
Hat blocks.....	—	—	28,861
Hat boxes (travelling).....	no.	35,292	185,319
Hats, cotton—			
Children's.....	doz.	19,450	50,320
Men's.....	"	1,659	12,818
Women's.....	"	33,955	145,355
Hats, fur felt—			
Men's.....	doz.	99,680	3,282,711
Women's and children's.....	"	64,096	1,840,603
Hats, wool felt—			
Men's.....	doz.	75,448	1,044,258
Women's.....	"	237,109	3,340,054
Children's.....	"	18,072	179,100
Hats, velour felt.....	"	15,036	294,763
Hats, linen.....	"	501	5,385
Hats, straw—			
Men's.....	doz.	30,886	191,927
Women's.....	"	111,611	1,971,483
Children's.....	"	22,764	107,426
Hats, panama.....	"	3,034	64,414
Hats, silk and crepe, women's and children's.....	"	18,448	236,653
Hats, velvet.....	"	19,844	271,040
Hats, waterproofed.....	"	4,693	42,062
Hats, not specified—			
Women's.....	doz.	3,673	71,039
Children's.....	"	2,280	19,153
Infant's headwear.....	"	50,140	127,326
Not specified.....	"	1,442	10,105
Tams, berets, etc.....	"	61,126	212,390
Hats, cleaned and reblocked.....	—	—	18,025
Hat bodies.....	doz.	395,051	2,774,122
Hatters' supplies, incl. hat linings.....	—	—	106,951
Hay carriers.....	—	—	*
Hay forks.....	—	—	*
Hay loaders.....	no.	1,490	127,038
Hay rakes, dump.....	"	4,671	159,333
Hay rakes, other.....	"	533	48,722
Heading, barrel.....	—	—	394,051
Heaters, air, electric.....	no.	9,893	91,444
Heaters, auto and engine.....	"	25,211	164,296
Heaters, boiler, feed, water.....	—	—	355,531
Heaters, water tank, electric.....	no.	21,963	123,123
Heaters, water tank, gas.....	"	10,457	238,627
Heaters, water tank, cast iron.....	"	23,749	272,331
Heaters, water, other.....	—	—	47,609
Heaters, not specified.....	—	—	27,220
Heaters, electric, unit.....	—	—	1,761,993
Heating and ventilating equipment, not elsewhere specified.....	—	—	3,463,428
Heels, leather and wood.....	pr.	21,277,966	1,892,785
Heel board.....	—	—	32,180
Heels, rubber, and composition.....	pr.	8,827,832	570,866

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1942—Con.

Items	Unit of Measure	Quantity	Value
			\$
Helmets.....	doz.	77,469	1,051,762
Hexachlorethane.....	—	—	*
Hides, all kinds.....	—	—	7,022,810
Hobbing cutters.....	—	—	*
Hockey pucks.....	doz.	5,583	3,062
Hockey sticks.....	—	—	149,213
Hoes, hand.....	no.	279,170	140,840
Hoes, horse and power.....	—	—	30,556
Hoists.....	—	—	281,677
Hollow-ware, sterling silver.....	—	—	229,058
Hollow-ware, and spinnings, aluminium, brass and copper.....	—	—	265,677
Hollow-ware, electro-plated, on Britannia metal.....	—	—	405,805
Hollow-ware, electro-plated, on brass or copper.....	—	—	1,338,880
Hollow-ware, electro-plated, on nickel silver.....	—	—	64,667
Hollow-ware, iron and steel.....	—	—	50,357
Hollow-ware, pewter.....	—	—	*
Honey butter.....	—	—	*
Hooks, eyes, notions, etc., not elsewhere specified.....	—	—	121,349
Hoops, wooden.....	M	3,397	56,274
Hoops, steel.....	—	—	137,768
Hoops, bands and strips, hot and cold rolled (sold).....	ton	13,932	1,730,420
Horseradish, prepared.....	lb.	176,984	73,818
Horseshoes.....	—	—	275,563
Hose, fire, unlined, linen.....	—	—	*
Hose, rubber.....	—	—	4,321,308
Hosiery—			
Cotton.....	doz. pr.	1,547,959	2,764,994
Cotton mixtures, chiefly cotton.....	“	1,081,819	2,547,039
Mercerized.....	“	652,549	3,019,002
Silk.....	“	54,324	452,631
Silk mixtures, chiefly silk.....	“	58,780	416,866
Artificial silk mixtures, chiefly artificial silk.....	“	1,180,504	6,350,207
Artificial silk.....	“	1,869,845	10,145,494
Woollen.....	“	816,832	2,959,841
Woollen mixtures, chiefly woollen.....	“	795,112	2,881,326
Cashmere.....	“	46,297	212,206
Merino and mixtures, chiefly merino.....	“	329,584	1,162,700
Worsted from oil spun yarn.....	“	244,696	1,227,444
Worsted and cotton.....	“	38,154	127,614
Other, which cannot be classified.....	“	24,063	103,454
Anklets, sockettes, etc.....	“	63,403	69,009
Humidifiers and air conditioners.....	—	—	69,319
Hydrants.....	—	—	285,747
Hydrogen.....	cu. ft.	40,365,249	159,715
Hydrogen peroxide.....	—	—	*
Ice, artificial.....	ton	521,528	2,235,446
Ice cream (factory).....	gal.	13,688,204	17,306,055
Ice cream mix.....	“	1,219,066	1,338,363
Ice cream sundries.....	—	—	124,718
Ice cream freezers.....	—	—	*
Iceings and icing paste.....	lb.	532,453	83,071
Ignition coils, etc.....	—	—	595,053
Implements, hand, not specified.....	—	—	5,166
Incense.....	—	—	6,050
Incubators and other poultrymen's supplies.....	—	—	309,535
Infant's wear, not specified.....	—	—	1,339,070
Ingots, brass, bronze, etc. (see "Bars and ingots")	—	—	
Ingots, steel and alloy—			
Quantity made.....	N. ton	2,958,906	—
Quantity sold.....	“	140,499	8,594,678
Ink, printing and lithographing.....	lb.	11,390,510	3,683,455
Ink, writing.....	“	665,564	411,780
Ink, not specified.....	—	—	160,963
Insecticides.....	—	—	2,040,342
Instruments, recording, controlling, etc.....	—	—	*
Instruments, optical.....	—	—	*
Insulating materials, n.e.s.....	—	—	209,254
Insulators, porcelain.....	—	—	1,221,846
Insulin.....	—	—	*
Iron, corrugated products.....	—	—	63,033

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1942—Con.

Items	Unit of Measure	Quantity	Value
			\$
Iron, pig—			
Quantity made.....	net ton	1,975,014	—
Quantity sold.....	"	387,997	8,366,936
Ironers, electric.....	no.	2,064	171,683
Irons, flat, electric.....	no.	133,786	387,416
Irons, gasoline.....	—	—	*
Iron work, ornamental and architectural.....	—	—	1,427,255
Jacks, not specified.....	—	—	*
Jams.....	lb.	58,750,483	6,601,219
Javelle water.....	—	—	869,685
Jellies.....	lb.	4,247,866	526,605
Jersey cloth.....	—	—	1,860,595
Jewellery.....	—	—	6,630,518
Jute, jute paddings, and jute yarn.....	—	—	842,828
Kapok.....	—	—	* 2,833
Kegs, beer.....	—	—	—
Kegs, fish.....	no.	9,313	12,687
Kegs, nail, etc.....	"	1,327,481	359,821
Kerosene.....	gal.	24,957,796	2,771,105
Kitchen equipment for hotels, cafeterias, etc.....	—	—	1,305,602
Kitchenware, aluminium.....	—	—	342,079
Kitchenware, other.....	—	—	1,292,310
Knitted fabrics.....	—	—	325,628
Knitted goods, miscellaneous—	—	—	—
Infants' jackets, boots, etc.....	—	—	535,493
Hoods, caps and tuques.....	—	—	347,012
Other, not specified.....	—	—	936,243
Knives, machine.....	—	—	627,891
Knives, army and other.....	—	—	274,809
Labels, paper, gummed.....	—	—	*
Labels, fabric.....	—	—	448,421
Laces, shoe, silk and cotton.....	—	—	723,509
Laces, shoe, leather.....	doz. pr.	69,209	30,489
Laces, corset.....	—	—	36,967
Lacquers, cellulose.....	Imp. gal.	1,947,658	4,765,277
Lacrosse sticks.....	—	—	—
Lactose (see "sugar of milk").....	—	—	154,380
Ladders, step, extension, etc.....	—	—	8,036,926
Lamps, incandescent, except therapeutic.....	no.	68,141,569	1,312,506
Lamps, table and floor.....	—	—	695,003
Lamp shades and wire frames.....	—	—	164,715
Lamp stands and lamp bases.....	—	—	432,010
Lamps and lanterns, railway, marine, etc.....	—	—	9,374,061
Lard.....	lb.	79,860,135	506,464
Lasts, trees and shoe findings, not elsewhere specified.....	—	—	1,988,922
Lathes, planers and shapers.....	—	—	9,837,005
Lathes, metal working.....	—	—	490,560
Lath, metal.....	M	182,244	738,874
Lath, wood.....	—	—	*
Laundry nets and ribbons.....	—	—	*
Lead naphthanate.....	—	—	—
Lead, refined.....	lb.	29,584,683	1,774,976
Lead, red.....	"	2,408,500	189,640
Lead, white, dry.....	—	—	503,713
Lead, white, in oil.....	—	—	685,561
Lead, sheet.....	lb.	6,894,052	504,982
Lead products, n.s.....	—	—	982,354
Lead for pencils.....	—	—	91,510
Leather—			
Belting.....	lb.	1,083,073	835,753
Bookbinders'.....	—	—	—
Bag, garment, pocket book, trunk, etc.....	sq. ft.	30,327,688	5,916,355
Harness.....	lb.	3,693,392	1,570,941
Lace.....	"	117,143	105,382
Oil tanned, shoe-pack.....	"	131,901	42,913
Sole—			
Chrome.....	lb.	342,996	158,285
Hemlock.....	—	—	*
Oak.....	lb.	29,029,186	11,943,058
Splits and other.....	—	—	60,738
Upholstering.....	sq. ft.	873,965	281,620

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1942—Con.

Items	Unit of Measure	Quantity	Value
			\$
Leather— <i>Concluded</i>			
Upper leather—			
Calf skins.....	sq. ft.	13,969,858	4,827,954
Cattle and horse hides.....	—	35,137,500	8,435,417
Chrome splits.....	“	12,072,467	1,515,003
Goat skins.....	—	—	—
Patent and enamelled.....	sq. ft.	3,312,692	850,165
Sheep skins.....	“	4,459,257	615,718
Wax splits.....	—	—	—
Other leather, not specified.....	—	—	1,301,632
Leather splits, not specified.....	—	—	722,755
Leather board.....	—	—	36,195
Leather goods, not specified.....	—	—	454,301
Leather, tanned, custom.....	—	—	364,907
Lenses, optical.....	—	—	1,082,377
Life buoys, jackets, etc.....	—	—	341,759
Lighter fluid.....	—	—	86,418
Lighters, cigarette and parts.....	—	—	1,534,495
Lightning arresters, n.e.s.....	—	—	223,735
Lightning rods and supplies.....	—	—	72,390
Lime, grey acetate.....	lb.	10,931,670	141,723
Lime, hydrated.....	ton	227,899	1,001,344
Lime, quick.....	“	785,516	5,775,330
Limestone.....	—	—	127,823
Linings, brake, asbestos.....	feet	6,082,235	1,955,009
Linings, glove, shoe, etc.....	—	—	414,712
Linings, not specified.....	—	—	273,930
Litharge.....	—	—	*
Lithographing (see "Printing").....	—	—	—
Locomotives, new and tenders.....	—	—	*
Locomotive and car parts.....	—	—	5,278,988
Lubricating and filtration systems.....	—	—	956,670
Lumber, matched.....	M ft. b.m.	181,285	8,092,978
Lumber, planed.....	“	275,402	12,056,956
Lumber, sawn.....	—	—	150,176,149
Lumber, not specified.....	—	—	130,463
Lye.....	—	—	*
Macaroni and spaghetti, canned.....	lb.	8,415,568	646,787
Macaroni, vermicelli, spaghetti, etc.....	“	50,442,173	2,342,203
Machinery—			
Accounting machines.....	—	—	1,610,060
Adding and other calculating.....	no.	4,038	363,454
Bakers' mixing.....	—	—	255,222
Bakers', not elsewhere specified.....	—	—	181,864
Boring (metal-working).....	—	—	*
Bottlers.....	—	—	249,548
Canning and parts.....	—	—	1,036,957
Cheese factory.....	—	—	37,845
Chlorinating.....	—	—	*
Cleaning and pressing.....	—	—	*
Coal handling and coal pulverizing.....	—	—	*
Concrete and cement making.....	—	—	206,213
Cutters and cutter header.....	—	—	*
Dairy.....	—	—	386,710
Elevating and conveying.....	—	—	3,362,784
Flax mill.....	—	—	*
Flour and grist mill, not elsewhere specified.....	—	—	68,885
Grain grinding, cleaning, etc.....	—	—	321,311
Grain elevator.....	—	—	505,077
Harvesting (pick-ups).....	no.	587	32,903
Hoisting, except mine hoists.....	—	—	7,785,290
Kitchen and other household.....	—	—	156,242
Laundry.....	—	—	638,286
Leather-working, not elsewhere specified.....	—	—	199,956
Logging.....	—	—	390,939
Lumber and shingle drying.....	—	—	*
Metal-working, not elsewhere specified.....	—	—	252,372
Metering equipment.....	—	—	*
Milkling.....	—	—	*
Milling.....	—	—	753,222
Mining and metallurgical, not elsewhere specified, and parts.....	—	—	2,162,098
Office, not elsewhere specified.....	—	—	337,810

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1942—Con.

Items	Unit of Measure	Quantity	Value
			\$
Machinery— <i>Concluded</i>			
Oil refining and refrigerating	—	—	445,637
Printing	—	—	5,700
Pulp and paper	—	—	2,501,270
Refrigerating	—	—	459,113
Road and excavating	—	—	1,502,901
Rolling mill	—	—	142,680
Rubber mill	—	—	380,569
Sawing, band, machines	no.	54	62,756
Saw, and planing mill	—	—	361,619
Sewing machines	—	—	*
Ships' machinery and fittings	—	—	9,559,544
Stone-working	—	—	29,140
Syrup-making	—	—	238,700
Textile machinery, not elsewhere specified	—	—	228,832
Transmission	—	—	4,026,143
Vulcanizing	—	—	*
Washing machines—			
Electric	no.	52,198	3,062,705
Hand	"	7,870	106,243
Other power	"	7,237	549,680
Washing machine parts	—	—	35,271
Water softening equipment	—	—	132,315
Wood-working machinery, n.e.s.	—	—	85,344
Machinery, not specified	—	—	4,561,785
Machinery parts, not specified	—	—	1,571,547
Mackinaw	y.d.	380,668	648,171
Magnesia, fused	—	—	85,749
Magnesium carbonate and stearate	—	—	*
Malt, made for sale	bu.	8,415,220	9,762,870
Malt flour	lb.	1,171,670	81,036
Malt extract and syrup	—	—	868,333
Malt, coomings and sprouts	ton	5,064	100,818
Malt, caramel	lb.	3,444,003	183,098
Manganese naphthanate	—	—	*
Mantles, lamp	—	—	*
Manure spreaders	no.	2,457	323,789
Maple butter	—	—	*
Maps	—	—	329,783
Marble chips and dust	—	—	32,368
Marble, cut and polished	—	—	336,298
Marine and fishermen's supplies	—	—	91,248
Marmalades	lb.	15,478,939	1,761,498
Match blocks	—	—	*
Match splints	—	—	50,052
Matchers, (wood-working)	no.	9	2,478,318
Matches	—	—	*
Mats, and matting, cocoa	—	—	265,569
Mats and matting, rubber	—	—	7,979,623
Mattresses	no.	1,131,327	519,180
Meal, alfalfa	ton	18,865	766,701
Meal, barley	"	22,498	*
Meal oilcake, coconut	—	—	953,748
Meal, corn	lb.	34,541,911	9,912
Meal, linseed and flax	—	—	2,339,607
Meal, oilcake, linseed	ton	59,439	10,119
Meal, pea	lb.	178,308	54,045
Meal, rice	ton	2,143	*
Meal, soybean	—	—	*
Meats, canned—			
Poultry	lb.	717,110	314,762
Meats, other	"	25,451,219	6,933,336
Meats, cooked, all kinds	"	34,307,611	9,836,867
Meats cured—			
Bacon and sides	"	379,408,058	81,053,371
Beef, salted and cured	"	3,073,630	536,895
Hams	"	51,277,983	12,581,789
Pork, salted	"	115,990,110	21,836,673
Shoulders	"	47,264,539	9,814,418
Other	"	52,526,643	10,210,597
Meats, sold fresh—			
Beef	"	509,309,362	80,771,350
Fancy meats, not specified	"	13,154,739	1,407,044
Mutton and lamb	"	41,864,532	8,487,079

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1942—Con.

Items	Unit of Measure	Quantity	Value
			\$
Meats, sold fresh— <i>Concluded</i>			
Pork.....	lb.	215,369,233	38,607,179
Veal.....	"	76,878,227	13,789,772
Other.....	"	7,155,008	388,595
Medicinal and pharmaceutical preparations—			
Standard.....	—	—	8,397,129
Specialties registered as patent medicines.....	—	—	8,386,805
Specialties sold with ingredients declared.....	—	—	15,156,211
Other.....	—	—	1,510,596
Metal products, not specified.....	—	—	171,737
Meter parts.....	—	—	*
Meters, gas.....	—	—	*
Meters, gasoline.....	—	—	*
Meters, water.....	—	—	*
Methyl hydrate, crude and refined.....	—	—	*
Mica products.....	—	—	101,851
Milk, sold in dairy factories.....	gal.	97,865,613	41,520,799
Milk, buttermilk, sold.....	—	—	597,482
Milk, buttermilk, condensed.....	lb.	291,733	10,099
Milk, condensed.....	"	26,925,570	3,032,387
Milk, skim' condensed.....	"	4,111,964	291,161
Milk, skim, evaporated.....	"	1,613,429	61,634
Milk, skim.....	—	—	226,029
Milk, evaporated.....	lb.	183,471,063	14,270,404
Milk malted.....	gal.	4,082	3,266
Milk products not specified.....	—	—	124,040
Milk drinks (see "Food drinks").....	—	—	—
Military web equipment.....	—	—	8,662,278
Military equipment, not specified.....	—	—	19,324,136
Milling cutters.....	—	—	2,718,374
Minced meat.....	lb.	5,648,028	557,938
Mine props, wedges, etc.....	—	—	206,369
Mirrors.....	—	—	1,521,302
Molasses.....	lb.	66,076,671	908,300
Monoethylaniline.....	—	—	*
Monuments, not specified.....	—	—	44,192
Monuments, lettered only.....	—	—	162,047
Mops—			
Floor.....	doz.	197,151	638,486
Dust.....	"	41,252	278,348
Dish.....	"	27,781	21,826
Other, not specified.....	"	25,527	111,551
Mop sticks and cloths.....	—	—	36,749
Mosquito netting, bars, etc.....	—	—	12,243
Motion pictures (Positive films processed).....	ft.	45,624,379	1,796,975
Motors, electric, A.C. and D.C. (except starting motors).....	—	—	9,959,536
Motors, other, and parts.....	—	—	792,879
Moulders, wood-working.....	—	—	*
Mouldings.....	—	—	2,428,680
Mounting (trade work).....	—	—	74,081
Mowers, hay.....	no.	8,816	723,773
Mowers, lawn.....	"	55,985	443,875
Mucilage.....	lb.	257,684	91,945
Muffs, fur.....	no.	27,610	419,876
Muff beds and cloth muffs.....	"	63,228	125,336
Munitions (shell sales).....	—	—	433,193,830
Music, printed.....	—	—	41,782
Musical instruments, and parts, not elsewhere specified.....	—	—	186,464
Mustard, dry.....	—	—	*
Mustard, prepared.....	gal.	915,884	807,813
Mustard compound.....	lb.	406,251	53,773
Nails, and spikes cut from plate—			
Quantity made.....	keg	20,829	—
Quantity sold.....	"	21,310	153,968
Nails, tacks and brads, wire—			
Quantity made.....	"	1,487,565	—
Quantity sold.....	"	1,587,644	6,267,500
Nails, horseshoe and other n.e.s.....	—	—	233,682
Napkins, paper.....	—	—	862,944
Naphtha V.M. and P, or solvent.....	imp. gal.	20,922,829	2,362,846
Naval equipment, not elsewhere specified.....	—	—	5,130,370
Neckties.....	doz.	1,101,928	4,170,713
Neckwear, women's.....	—	—	665,245
Neck pieces, fur.....	no.	35,341	1,011,833

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1942—Con.

Items	Unit of Measure	Quantity	Value
			\$
Needles, knitting.....	—	—	*
Needles, knitting machine.....	—	—	*
Nickel salts.....	—	—	*
Nickel-silver, not elsewhere specified.....	—	—	21,179
Night dresses—			
Cotton and flannelette.....	doz.	95,027	743,392
Silk and artificial silk.....	"	80,165	1,347,264
Nightshirts.....	"	4,338	50,767
Nitrogen.....	—	—	34,820
Nitro-glycerine.....	—	—	*
Nitro-guanidine.....	—	—	*
Nitrous oxide.....	—	—	82,479
Non-ferrous alloys, not elsewhere specified.....	—	—	797,295
Novelties, advertising, and other, not specified.....	—	—	1,546,043
Novelties, printed.....	—	—	654,742
Nuts, salted, etc.....	lb.	899,441	
Oars and paddles.....	—	—	112,406
Oats, rolled.....	ton	51,543	3,600,727
Oatmeal.....	"	21,479	1,427,532
Offal, not specified.....	"	78,763	2,417,213
Oil burners and parts.....	—	—	181,620
Oilcloth, other than floor.....	—	—	*
Oil, coconut crude and processed.....	lb.	28,614,908	2,471,729
Oil, core.....	—	—	348,185
Oil, corn, crude.....	—	—	*
Oil, corn, refined.....	—	—	*
Oil, cottonseed, processed.....	lb.	6,692,854	1,048,881
Oil, creosote and other.....	gal.	14,964,134	2,413,784
Oil, engine and tractor distillate.....	imp. gal.	44,676,079	4,538,041
Oil, essential and re-distilled.....	lb.	16,950	37,030
Oil, fish.....	—	—	*
Oil, fruit.....	lb.	20,925	45,115
Oil, fuel, diesel.....	imp. gal.	79,320,574	4,649,239
Oil, gas and light fuel oil—			
For own use.....	imp. gal.	69,101	4,232
For sale.....	"	141,126,499	8,616,052
Oil, residual—			
For own use.....	"	65,932,327	3,068,787
For sale.....	"	548,836,428	24,978,037
Oil, fusel.....	—	44,595	24,237
Oil, lard.....	—	—	*
Oil, linseed, boiled.....	gal.	1,100,135	834,365
Oil, linseed, raw.....	"	3,773,663	2,537,581
Oil, linseed, special.....	"	2,633,206	2,010,007
Oil, lubricating.....	"	29,374,231	8,200,360
Oil, neatfoot.....	lb.	449,562	68,708
Oil, oleo.....	"	3,077,588	329,917
Oil, peanut, processed.....	"	687,562	89,800
Oil, perilla.....	—	—	*
Oil, silk.....	—	—	*
Oil, soybean.....	—	—	*
Oil, light, n.e.s.....	imp. gal.	2,461,730	798,293
Oil, stand blown, enamel, etc.....	—	—	410,777
Oil, stove.....	imp. gal.	24,516,468	1,652,634
Oils, sulfonated, textile oils and other textile chemicals.....	—	—	2,385,970
Oils, other, not specified.....	—	—	2,796,338
Olives, bottled, etc.....	gal.	49,934	192,302
Organs, pipe.....	—	—	154,179
Organs, other and parts.....	—	—	205,950
Ornaments, dress (clips, pins, etc.).....	—	—	17,989
Ornaments, not specified.....	—	—	100,337
Ovens, commercial, cooking.....	—	—	223,359
Overalls—			
Men's.....	doz.	366,860	6,837,896
Children's.....	"	72,028	420,697
Not specified.....	"	16,846	396,542
Oxygen.....	cu. ft.	541,184,707	4,098,034
Packing, asbestos.....	—	—	242,949
Packing, rubber.....	lb.	1,389,697	353,055
Packing, not specified.....	—	—	424,752
Pads, couch.....	no.	29,111	136,959

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1942—Con.

Items	Unit of Measure	Quantity	Value \$
Pads, electric, heating.....	no.	47,946	130,618
Pads, scouring, and polishing.....	—	—	26,000
Pads, stamp.....	—	—	43,823
Pads, stair.....	—	—	2,075
Pads, sweat.....	doz.	37,259	238,755
Pads and padding, not specified.....	—	—	236,461
Pails, ice cream.....	no.	9,190,295	63,892
Pails, oyster.....	"	912,900	10,549
Pails and tubs, wooden.....	—	—	553,646
Painting equipment, not specified.....	—	—	837,156
Paint, varnish and enamel removers.....	gal.	74,599	157,932
Paints, mixed, ready for use.....	imp. gal.	8,553,631	19,602,006
Paints, cold water.....	lb.	11,639,063	842,627
Paints, paste.....	"	7,774,283	1,021,756
Paints, varnishes and cements, coal tar.....	gal.	248,976	74,316
Paints and enamels, not specified.....	—	—	577,555
Palllasses.....	—	—	57,000
Panel boards and cabinets.....	—	—	643,812
Pants, men's—			
Woolen.....	no.	2,267,312	8,943,408
Other.....	"	1,137,901	2,056,764
Pants and bloomers, boys'—			
Woolen.....	"	488,736	822,998
Other.....	"	537,898	612,751
Pants, breeches and knickers, outing.....	doz.	79,443	1,361,930
Pants and breeches, working—			
Cotton.....	"	277,988	4,367,796
Woolen.....	"	127,638	2,680,455
Pants, baby, rubber.....	—	—	208,042
Pants, rubberized and oiled.....	—	—	108,502
Paper—			
Adding machine and cash register.....	—	—	105,471
Asbestos.....	—	—	171,959
Blotting, not coated.....	s. ton	849	170,827
Blotting, clay coated and enamelled.....	—	—	*
Blue print and photostat.....	—	—	534,596
Book and writing paper—			
Wood fibre, chief ingredients.....	s ton	48,961	6,202,492
Cover.....	"	1,360	289,078
Box cover, coloured.....	"	1,224	402,317
Writing, basic stock.....	"	57,573	10,924,909
Writing, pads, tablets, etc.....	—	—	912,587
Fine paper, not specified.....	s ton	4,973	775,266
Map, lithograph, woodcut, etc.....	"	1,333	199,630
Building and roofing paper—			
Asphalt saturated rag, asbestos and solka felt shingles.....	square	708,706	3,492,603
Asphalt saturated rag, asbestos and solka felt sidings.....	"	15,861	90,737
Mineral surfaced rag, asbestos and solka felt roll roofing.....	"	905,646	2,084,521
Smooth surfaced rag, asbestos and solka felt roll roofing.....	"	1,045,034	1,624,484
Tar and asphalt saturated rag, asbestos and solka felts, not coated.....	ton	11,150	750,044
Tar and asphalt saturated and coated sheathings and felts.....	"	30,293	1,891,873
Paper and felt building and roofing, untreated.....	"	35,985	2,182,457
Other felts and sheathings.....	"	4,343	213,415
Carbon.....	ream	117,902	1,268,614
Cigarette tubes and paper.....	—	—	*
Coated, paper and board, other, n.e.s.....	lb.	10,723,755	1,129,685
Coating paper (basic stock).....	s. ton	7,219	793,290
Corrugated.....	—	—	612,593
Creped or crinkled.....	lb.	8,586,054	994,068
Fabric.....	—	—	*
Foolscap, not elsewhere specified.....	—	—	91,381
Friction or flint glazed.....	—	—	*
Gummed (in sheets).....	—	—	*
Lining, pan, shelf, etc.....	—	—	316,557
Parchment.....	—	—	*
Oiled.....	—	—	*
Paper napkins and doilies (see "Napkins" and "Doilies")			
Newsprint paper—			
Hanging papers.....	s. ton	9,004	680,679
In sheets, for printing.....	"	67,134	3,402,139
In rolls, for printing.....	"	3,131,570	140,668,060
Poster paper.....	"	609	54,207

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1942—Con.

Items	Unit of Measure	Quantity	Value
			\$
Paper— <i>Concluded</i>			
Newsprint paper— <i>Concluded</i>			
Side runs for pulping.....	s. ton	43,577	1,675,037
Counter rolls.....	"	316	17,128
Other.....	"	16,880	1,145,133
Safety paper, for cheques, etc.....	—	—	324,022
Tissue, basic stock.....	s. ton	8,585	1,945,167
Tissue, converted.....	"	1,615	346,722
Toilet, basic stock.....	"	20,093	2,157,832
Toilet, converted.....	—	—	3,314,456
Towel and napkin, basic stock.....	s. ton	9,649	934,115
Towels, paper (see "Towels")			
Typewriter, not elsewhere specified.....	ream	165,834	102,584
Wall paper.....	—	—	*
Waterproofed other than waxed, n.e.s.....	—	—	*
Waxed, all kinds.....	lb.	43,376,744	5,523,549
Wrapping paper—			
Manila.....	s. ton	22,027	1,926,826
Kraft, basic stock.....	"	119,856	11,845,710
Sulphite.....	"	12,656	1,892,557
Other, wrapping paper.....	"	11,472	1,556,676
Paper, miscellaneous, not elsewhere specified, basic stock	"	5,266	923,964
Paper, miscellaneous, not elsewhere specified, converted.	—	—	397,176
Paper goods, including papeteries.....	—	—	916,758
Paper board—			
Bristol and index board.....	s. ton	5,988	1,107,516
Building, rigid insulating.....	"	54,539	4,179,747
Container chips.....	"	7,379	355,351
Corrugating board.....	"	105,674	6,396,721
Liner, jute.....	"	69,320	4,032,354
Liner, kraft.....	"	65,391	4,753,755
Manila, lined.....	"	17,765	1,249,567
Mill wrappers.....	"	51,976	2,109,001
Mounting board.....	—	—	*
Clay coated and enamelled.....	—	—	*
Patent coated.....	s. ton	36,561	3,362,234
Coated, other, not specified.....	—	—	1,427,471
Sheathings, 009" or over, untreated.....	s. ton	9,907	504,238
Silicated.....	—	—	*
Wallboard and building board, not elsewhere specified.....	—	—	4,172,366
White vat lined.....	s. ton	7,513	438,435
Wholly from waste paper, plain.....	"	46,608	2,324,859
Wholly from waste paper coloured.....	"	3,257	324,381
Wholly from wood pulp, plain.....	"	49,987	3,197,517
Wholly from wood pulp, coloured.....	"	8,901	587,758
All other board and paper, not specified.....	—	—	1,749,191
Parachute and parachute equipment.....	—	—	3,783,751
Paste, adhesive.....	lb.	4,817,333	319,254
Paste, fish, meat and chicken.....	"	2,450,985	830,604
Paste, flavouring.....	"	5,567	7,018
Paste, tooth (see "Dentifrices")			
Patterns and models, foundry and other, wood and metal.....	—	—	1,215,597
Patterns, paper.....	—	—	638,314
Patterns, rug.....	—	—	*
Patterns, shoe.....	no.	151,626	53,163
Peanut butter.....	lb.	9,138,521	1,298,174
Peanuts, roasted and salted (for sale).....	"	7,313,733	1,304,391
Peas, split.....	"	2,512,662	134,903
Peavies, cant hooks and pike poles.....	—	—	230,227
Pectin (see also Apple juice concentrate)			*
Pencils, ordinary lead.....	doz.	4,217,150	958,739
Pencils, checking, etc.....	"	160,806	42,211
Pencils, adjustable lead.....	"	488,423	599,691
Pencils, other, and parts.....	—	—	13,040
Pemnants.....	—	—	262,808
Pens, fountain.....	no.	1,341,697	1,682,015
Pen parts, pen holders and nibs.....	—	—	210,373
Perchlorethylene.....	—	—	*
Perfumes.....	—	—	1,247,907
Periodicals, printed by publishers—			
News papers, daily—			
Gross revenue from advertising.....	—	—	26,293,599
Subscriptions and sales.....	—	—	15,883,612

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1942—Con.

Items	Unit of Measure	Quantity	Value
Periodicals, printed by publishers— <i>Concluded</i>			\$
Newspapers, weekly and other—			
Gross revenue from advertising.....	—	—	5,569,938
Subscriptions and sales.....	—	—	4,909,137
Magazines and other bound periodicals—			
Gross revenue from advertising.....	—	—	3,662,210
Subscriptions and sales.....	—	—	1,807,768
Phenol.....	—	—	*
Phonographs.....	—	—	*
Phonograph records.....	—	—	1,577,589
Phosphorus.....	—	—	*
Photo-engraving.....	—	—	2,783,597
Photographic materials, not elsewhere specified (including photo paper).....	—	—	1,481,652
Photography (commercial).....	—	—	177,301
Phthalic anhydride.....	—	—	*
Pianos—			
Grand.....	no.	105	49,516
Upright.....	"	3,330	676,986
Not specified.....	—	—	57,218
Piano strings and other parts.....	—	—	200,064
Pickets.....	M	9,350	172,853
Pickles, relishes and sauces.....	gal.	3,072,611	4,127,040
Picture and mirror frames.....	—	—	1,187,736
Pies, cakes and pastry.....	—	—	36,096,775
Piling, sheet.....	—	—	*
Piling, wood.....	M. L. ft.	1,160	200,449
Pillow cases, bureau runners, scarves, etc.....	—	—	956,770
Pillows.....	no.	486,052	718,681
Pins, plain and hair pins.....	—	—	405,394
Pipe and fittings, brass, bronze and copper.....	—	—	*
Pipe fittings, cast iron, soil.....	s. ton	20,943	1,661,647
Pipe and fittings, cast iron, other.....	"	57,723	4,582,654
Pipe, block tin.....	—	—	*
Pipe, lead.....	lb.	6,354,726	539,870
Pipe and fittings, malleable iron.....	s. ton	7,041	2,583,649
Pipe, sewer, clay.....	—	—	1,676,869
Pipe, sewer and culvert, cement.....	—	—	1,242,470
Pipe, culvert, sheet metal.....	—	—	539,757
Pipe, steel riveted and welded.....	—	—	12,041
Pipe and fittings, steel, n.e.s.....	—	—	14,231,252
Pipe and tubing, copper.....	—	—	5,323,110
Pipes, wooden.....	—	—	820,286
Pipes, wrought iron, and fittings.....	s. ton	1,434	200,642
Pipes, tobacco.....	doz.	28,805	83,073
Pipe (tobacco) cleaners.....	—	—	*
Piston rings, automobile.....	no.	21,111,402	1,464,433
Pistons, automobile and piston pins.....	—	—	*
Pitch.....	ton	91,717	1,555,782
Planers, metal working.....	—	—	*
Planing, custom.....	—	—	1,784,489
Planters, corn.....	—	—	51,579
Planters, potato.....	no.	1,991	*
Plaques, wood.....	—	—	13,000
Plastics, moulded (see "Synthetics").....	—	—	*
Plate and tank work, steel, miscellaneous.....	—	—	3,842,041
Plates, sheets and strips, brass, copper, etc.....	lb.	100,149,853	18,866,700
Plates and flats, iron and steel.....	n. ton	389,448	30,498,969
Plates, licence, name, etc.....	—	—	202,987
Plates, and spoons, paper.....	—	—	142,039
Plating blanks, nickel silver.....	—	—	*
Platinum, refined, and other platinum products.....	—	—	457,590
Ploughs and parts.....	—	—	2,409,700
Ploughs, snow.....	—	—	417,663
Plugs, wooden.....	—	—	187,082
Plumbers' supplies, not elsewhere specified (brass, copper, etc.)..	—	—	3,783,517
Plumbers' supplies, rubber.....	—	—	328,665
Plywood.....	M. sq. ft.	184,413	10,403,158
Poison, gopher and rat.....	—	—	153,053
Poles, wooden.....	—	—	83,906
Polish, furniture.....	—	—	263,454
Polish, metal.....	—	—	263,899
Polish, shoe.....	—	—	910,246
Polish, stove.....	—	—	90,391

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1942—Con.

Items	Unit of Measure	Quantity	Value
			\$
Polishes and waxes, floor.....	—	—	3,196,771
Polishes and dressings, automobile.....	—	—	73,929
Polishes and dressings, leather.....	—	—	69,793
Polishes and dressings, not specified.....	—	—	86,990
Polishers, floor, electric, and other.....	—	—	17,219
Popcorn.....	lb.	2,318,797	665,401
Post-cards, printed.....	—	—	291,613
Posts, wooden.....	no.	439,785	56,801
Posts, steel.....	—	—	119,002
Potassium chlorate and perchlorate.....	—	—	*
Potato chips (factory made).....	lb.	2,033,817	591,699
Pot holders.....	—	—	21,700
Pot scourers.....	—	—	*
Pottery, glazed and unglazed.....	—	—	646,088
Pottery from imported clay.....	—	—	80,023
Poultry, canned (see "Meats canned")			
Poultry, sold fresh.....	lb.	24,537,651	7,001,215
Powder, baking.....	"	11,971,203	1,983,223
Powder, buttermilk.....	"	5,119,478	409,370
Powder, cream.....	"	7,347	3,819
Powder, custard.....	"	1,153,324	225,015
Powder, egg.....	"	6,172,470	4,766,009
Powder, ice cream.....	"	393,305	121,661
Powder, jelly.....	"	6,717,057	1,697,633
Powder, milk, all kinds.....	"	11,227,865	3,318,638
Powder, malted milk.....	"	680,181	111,084
Powder, protein.....	"	12,257	9,956
Powder, pudding.....	"	5,435,557	1,390,127
Powder, skim milk.....	"	16,670,356	2,693,179
Powders, edible, not specified.....	"	922,879	238,212
Powder, bronze and aluminum.....	—	—	*
Powder paste.....	—	—	*
Powder, sachet.....	—	—	*
Powder, talcum and face.....	—	—	1,941,550
Press cloths.....	—	—	31,338
Presses, tennis and badminton racquet.....	—	—	*
Presses, hydraulic, and other power.....	—	—	1,324,616
Printing—			
Circular letters.....	—	—	466,091
General, for trade.....	—	—	183,507
Custom printing (paper supplied by customer).....	—	—	628,602
Private and personal.....	—	—	654,453
Bank notes.....	—	—	1,248,181
Blue prints and photostats.....	—	—	683,969
Box cover, paper, coloured.....	—	—	10,152
Newspapers, magazines and other periodicals printed for publishers.....	—	—	6,426,007
Railway time tables and tariffs.....	—	—	359,218
Other printed matter, menus, statements, programmes, etc.....	—	—	3,312,659
Not specified.....	—	—	201,686
Printing and painting on textile fabrics.....	—	—	712,492
Propane.....	—	—	102,369
Propellers and shafts.....	—	—	6,457,238
Publications, subscriptions, and sales of (see "Printing").			
Puddings.....	—	—	256,412
Puffs, powder.....	—	—	168,628
Pulleys, wood.....	—	—	56,878
Pulpers and slicers.....	—	—	4,778
Pulp, fruit (see "Fruit pulp").....	—	—	*
Pulpstones, artificial.....	—	—	*
Pulpwood.....	cord	687,819	7,175,538
Pulp, wood—			
Ground wood—			
Quantity made.....	s. ton	3,260,097	—
Quantity sold.....	"	301,414	10,508,606
Soda fibre.....	—	—	*
Sulphate fibre—			
Quantity made.....	s. ton	459,254	—
Quantity sold.....	"	233,773	16,436,398
Sulphite fibre, bleached—			
Quantity made.....	"	597,316	—
Quantity sold.....	"	544,245	40,601,285

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1942—Con.

Items	Unit of Measure	Quantity	Value
			\$
Pulp, wood— <i>Concluded</i>			
Sulphite fibre, unbleached—			
Quantity made.....	s. ton	1,156,137	—
Quantity sold.....	"	602,846	35,044,891
Screenings—			
Quantity made.....	"	99,926	—
Quantity sold.....	"	48,326	721,883
Pulverizers.....	no.	123	74,458
Pumps, centrifugal.....	—	—	1,717,879
Pumps, hand.....	—	—	328,772
Pumps, steam.....	—	—	1,277,072
Pumps, other power.....	—	—	649,423
Pumps, pumping systems for country homes.....	—	—	444,288
Pumps, gasoline handling.....	—	—	209,146
Pumps, not specified, and pump parts.....	—	—	784,582
Punching machines.....	—	—	*
Purses, pocket-books and folders.....	no.	2,471,251	1,265,392
Putty and fillers, n.e.s.....	lb.	9,667,411	423,234
Pyjamas—			
Cotton and flannelette.....	doz.	278,688	3,144,159
Silk, artificial silk and other, n.s.....	"	24,391	433,692
Pyrometers.....	—	—	*
Pyrotechnics and fireworks.....	—	—	6,938,195
Quilted goods.....	—	—	692,505
Racquets, badminton and squash.....	no.	15,135	40,174
Racquets, tennis.....	"	28,091	97,209
Radiators, automobile.....	"	216,803	2,687,221
Radiators, heating, concealed type.....	sq. ft.	986,791	360,316
Radiators, heating, direct type.....	"	6,519,640	1,819,755
Radio sets, tubes and accessories.....	—	—	26,366,835
Radio cabinets and tables.....	no.	38,885	292,397
Radium luminous compound.....	—	—	—
Rail anchors.....	—	—	299,093
Rail fastening, angle splice bars and tie plates (sold).....	n. ton	40,648	2,412,026
Rails, iron or steel—			
Quantity made.....	"	183,430	—
Quantity sold.....	"	184,016	8,216,123
Railway frogs, switches and other track equipment.....	—	—	1,424,098
Railway car and coach fittings, bearings, etc.....	—	—	833,450
Rakes, hand.....	no.	239,206	125,161
Razor blades.....	—	—	*
Razors, safety, electric and other and parts.....	—	—	*
Reamers.....	—	—	1,407,199
Recorders, time.....	—	—	581,107
Rectifiers for storage battery charging, and parts.....	—	—	*
Reels, wire rope.....	—	—	149,775
Refractories—			
Cement, high temperature.....	ton	7,138	387,617
Firebrick from domestic clay.....	—	—	408,076
Firebrick from imported clay.....	ton	51,993	1,379,608
Other.....	—	—	1,079,988
Refrigerators—			
Electric.....	no.	45,868	6,049,261
Electric, condensing units.....	—	—	686,009
Other.....	—	—	1,094,866
Refrigerator parts, not specified.....	—	—	151,791
Regalia, all kinds.....	—	—	106,345
Registers, cash.....	—	—	*
Registers and grills, air.....	—	—	350,539
Regulators, not specified.....	—	—	*
Remedies, stock and poultry.....	—	—	905,723
Rennet extract.....	—	—	*
Repair gums and fabrics.....	lb.	1,700,343	916,239
Repair kits.....	no.	151,241	33,489
Repair patches, tire and tube.....	"	2,748,191	323,836
Ribbons.....	—	—	*
Rice, cleaned, etc.....	ton	20,686	2,826,693
Rifles and shot guns.....	—	—	*
Rings, fruit jar, rubber.....	—	—	*
Rings, fruit jar, zinc.....	—	—	*
Robes, carriage and automobile.....	—	—	9,886
Rockwool.....	—	—	1,414,258

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1942—Con.

Items	Unit of Measure	Quantity	Value
			\$
Rods and bars, bronze, brass, and aluminum.....	lb.	83,461,285	13,742,877
Rods, copper wire.....	"	116,578,310	14,819,684
Rods, iron and steel, wire—			
Quantity made.....	n. ton	256,457	—
Quantity sold.....	"	105,475	4,347,189
Roll covering, rubber.....	lb.	104,679	116,430
Rollers, land and land packers.....	—	—	56,145
Rollers, printers.....	lb.	404,232	265,468
Rolls, rubber covered.....	—	—	218,813
Roofing preparations, not elsewhere specified.....	—	—	404,425
Rope—			
Manilla.....	lb.	2,955,544	554,598
Sisal.....	"	17,245,531	2,845,667
Cotton, jute, and hemp.....	"	1,413,028	497,326
All other.....	"	149,097	68,631
Rubber, reclaimed.....	—	—	*
Rubber and rubber goods, hard.....	—	—	418,461
Rubber goods, mechanical.....	—	—	346,747
Rubber goods, moulded.....	lb.	1,436,345	1,026,021
Rubber goods, sanitary, not elsewhere specified.....	—	—	125,578
Rubber goods, soft and sponge.....	lb.	985,086	523,449
Rubber goods, not specified.....	—	—	1,232,145
Rubber thread.....	lb.	245,726	315,847
Rugs, automobile.....	no.	40,349	120,961
Rules, wooden.....	—	—	275,970
Ruling (printing plants).....	—	—	301,232
Rust preventatives and removers.....	—	—	306,691
Saddles.....	no.	2,276	63,049
Saddle parts.....	—	—	16,443
Safes, vaults and fittings.....	—	—	592,801
Sails, all kinds.....	—	—	58,013
Salt.....	ton	653,672	4,593,003
Salt, curing.....	lb.	962,558	95,201
Sanders (wood-working).....	no.	24	15,300
Sandwich relish and spread.....	lb.	2,816,474	765,827
Sanitary ware.....	—	—	3,962,819
Sash, doors and millwork.....	—	—	22,376,216
Sash, steel, brass, etc.....	—	—	1,153,015
Sauces, catsups and relishes (see "Tomato catsup and pickles, sauces, etc.")			
Sauerkraut—			
Canned.....	lb.	1,363,400	71,844
Other.....	"	328,752	14,393
Sausage casings.....	—	—	2,433,688
Sausage, fresh and cured.....	lb.	106,459,370	18,761,827
Sawdust sold.....	—	—	1,083,338
Saws, all kinds.....	—	—	2,905,712
Saw parts and saw outfits.....	—	—	439,990
Scales.....	no.	14,033	1,033,333
Scarves.....	—	—	1,874,384
School supplies, not specified.....	—	—	46,788
Scientific equipment, not specified.....	—	—	1,654,311
Scout cars.....	no.	903	1,280,755
Scrap, aluminum.....	lb.	936,356	158,889
Scrap, metal, other.....	"	22,332,316	1,793,264
Scrap, iron and steel.....	ton	96,166	1,477,666
Scrap, not specified.....	—	—	190,494
Screenings, barley, etc.....	—	—	372,396
Screens, door and window.....	—	—	87,329
Screens, industrial.....	—	—	281,869
Screws and screw machine products.....	—	—	8,771,174
Scufflers.....	no.	11,552	82,821
Scythes.....	—	—	*
Seals, corporation and other.....	—	—	20,457
Searchlights, projectors, etc., n.e.s.....	—	—	386,057
Seasoning, dry and liquid.....	—	—	228,432
Shades, window, shade cloth, and fittings—			
Ordinary shades and blinds.....	—	—	1,278,794
Venetian blinds.....	—	—	1,306,166
Shade cloth, rollers, etc.....	—	—	733,765
Shanks, shoe.....	—	—	181,886
Shapers and jointers, wood-working.....	no.	42	34,077

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1942—Con.

Items	Unit of Measure	Quantity	Value \$
Shapers, metal-working.....	no.	132	453,495
Sharpeners, pencil.....	—	—	*
Sharpening stones and files.....	—	—	251,320
Shawls.....	—	—	30,618
Shearing machines.....	—	—	13,889
Sheet forms, commercial, etc., printed.....	—	—	14,128,661
Sheets and sheeting, cotton.....	—	—	5,664,859
Sheets and pillow slips, crib.....	—	—	45,407
Sheets, rubber.....	doz.	3,146	65,025
Sheets, crib, rubber.....	"	22,007	87,735
Sheeting, rubber, all kinds.....	yd.	122,682	68,125
Sheet iron ware, not elsewhere specified.....	—	—	*
Sheet metal building materials, not elsewhere specified.....	—	—	882,118
Sheet metal freight car roofs.....	—	—	197,444
Sheet metal products, not elsewhere specified.....	—	—	233,652
Sheets, aluminum.....	—	—	*
Sheets, corrugated iron.....	—	—	1,101,427
Sheets, iron and steel.....	—	—	7,784,155
Sheets, tin mill, black plate, galvanized, etc.....	—	—	6,119,307
Shields, dress.....	doz.	169,719	199,896
Shims, railroad and other.....	—	—	364,688
Shingle bands.....	—	—	47,230
Shingles, wooden.....	—	—	13,203,184
Shingles, asbestos.....	—	—	*
Shipbuilding and repairs.....	—	—	277,244,856
Shirts, fine—			
Cotton.....	doz.	887,711	11,591,446
Silk and artificial silk.....	"	7,154	149,450
Shirts, work—			
Cotton.....	"	651,869	6,725,041
Wool.....	"	28,362	554,649
Shirts, not specified.....	doz.	12,595	144,250
Shirts and blouses, for boys (see "blouses, etc.").....	—	—	*
Shock absorbers, automobile.....	—	—	*
Shoddy, mungo and wool extract.....	lb.	12,141,108	2,307,419
Shoe trimmings.....	—	—	81,610
Shoe uppers and tops.....	—	—	90,000
Shoos, box.....	—	—	9,735,566
Shortening—			
Containing animal fat.....	lb.	44,750,237	6,247,115
Containing no animal fat.....	"	45,673,806	6,947,360
Shortening substitute.....	—	—	*
Shorts and middlings.....	ton	398,604	10,480,224
Shovels, hand.....	—	—	36,217
Shovels, power.....	—	—	327,376
Shuttlecocks, badminton.....	—	—	*
Signs, electric.....	no.	161	16,177
Signs, gas, neon and other luminous.....	"	2,043	360,977
Signs, brass and other.....	—	—	1,201,596
Silicon carbide.....	—	—	*
Silicon metal.....	—	—	*
Silico manganese, silico spiegel, spiegelisen, etc. (see "Ferro-alloys").....	—	—	*
Silk, broad—			
All silk.....	yd.	1,711,176	1,498,949
Artificial silk, continuous filament.....	"	63,772,372	27,232,744
Artificial silk and cotton mixtures, continuous filament.....	"	3,070,790	2,214,872
Spun rayon.....	"	21,907,594	7,435,434
Other artificial silk and mixtures, continuous filament.....	"	1,645,392	657,694
Silk and artificial silk knitted goods, n.e.s.....	—	—	1,447,180
Silver alloys.....	—	—	177,104
Silver, fine.....	—	—	894,297
Silver, sterling, melted, rolled, etc.....	—	—	806,749
Silver nitrate.....	—	—	*
Size.....	—	—	620,823
Skates.....	pr.	472,163	470,432
Skewers.....	—	—	32,628
Skis.....	pr.	118,097	365,405
Ski poles and fittings.....	—	—	154,838
Skins, calf.....	no.	652,039	1,631,680
Skins, sheep.....	"	787,655	1,346,693
Skins, pickled.....	—	1,188,660	738,964
Skins, raw and dressed.....	—	—	1,788,544

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1942—Con.

Items	Unit of Measure	Quantity	Value
			\$
Skips and cages, mining.....	—	—	*
Skirts—			
Artificial silk.....	no.	1,088,832	2,031,231
Woollen.....	"	657,670	1,294,376
Other.....	"	215,506	285,257
Slabs and edgings.....	cord	776,766	1,824,413
Sleighs.....	—	—	355,798
Sleighs, children's.....	no.	119,243	115,255
Slicers, meat and bread.....	—	—	476,865
Slippers, cloth, carpet, etc.—			
Babies'.....	pr.	126,019	60,275
Boys'.....	"	150,491	94,867
Misses' and children's.....	"	601,806	316,024
Men's.....	"	534,617	593,461
Women's.....	"	2,875,112	2,105,557
Not specified.....	—	—	7,030
Slotters.....	—	—	*
Smelter and refinery products.....	—	—	447,617,199
Smocks, women's.....	doz.	20,505	337,853
Smoke breeching.....	—	—	29,906
Smoker's sets.....	—	—	180,697
Smokestacks, steel.....	—	—	159,074
Snaths, scythe.....	—	—	*
Snowshoes.....	"	—	21,735
Soap—			
Household and laundry soap and chips.....	lb.	117,458,814	9,410,542
Liquid.....	—	—	669,650
Polishing or scouring.....	lb.	314,700	19,676
Powder.....	"	61,323,838	6,374,004
Soft.....	"	1,741,155	112,399
Textile and mill.....	"	5,717,969	585,651
Toilet.....	"	34,715,168	6,394,441
Shaving, including shaving creams.....	"	1,433,193	1,524,842
Hard soap, all other.....	"	3,269,428	329,251
Soap, not specified.....	—	—	379,014
Sodium azide.....	—	—	*
Sodium bisulphate (nitre cake).....	—	—	*
Sodium carbonate.....	—	—	*
Sodium chlorate.....	—	—	*
Sodium hydroxide.....	—	—	*
Sodium hypochlorite.....	—	—	*
Sodium metabisulphite.....	—	—	*
Sodium phosphate, di-sodium and tri-sodium.....	—	—	*
Sodium pyrophosphate.....	—	—	*
Sodium silicate.....	—	—	*
Sodium sulphate.....	—	—	*
Sodium sulphite.....	—	—	*
Sodium thiosulphite.....	—	—	*
Solder.....	lb.	7,624,770	1,842,640
Soling, rubber—			
Rubber and composition soles.....	pr.	636,043	146,839
Rubber and composition half-soles.....	"	688,942	92,615
Soling and slabs for heels.....	lb.	189,679	114,639
Soles, leather, and heel lifts, not elsewhere specified.....	—	—	431,138
Soles, felt, and other (insoles).....	—	—	143,265
Soup, canned.....	lb.	81,489,699	8,851,517
Soup mix.....	—	—	310,961
Soya bean products, n.e.s.....	—	—	5,695
Spades and shovels.....	no.	1,090,407	818,601
Spark plugs.....	no.	7,905,311	1,921,267
Spice compound.....	lb.	256,193	50,287
Spices, mixed, whole or ground.....	lb.	6,442,598	1,770,522
Spiegel-en.....	—	—	*
Spikes, railway.....	—	—	*
Spikes, other.....	—	—	92,114
Spinning and weaving, custom.....	—	—	226,491
Spinning wheels.....	no.	1,070	8,264
Spirits produced during the year but placed in bond for maturing—			
Whiskey, rye type.....	pr. gal.	4,081,106	1,643,818
Whiskey, other type.....	"	1,974,520	810,573
Gin and other spirits.....	"	2,954,248	1,300,137

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1942—Con.

Items	Unit of Measure	Quantity	Value
			\$
Spirits matured, sold (incl. purchases from other firms)—			
Whiskey, scotch type.....	pr. gal.	583,877	3,503,370
Whiskey, rye type.....	"	3,544,826	17,971,412
Whiskey, other types.....	"	32,208	134,971
Gin.....	"	1,175,252	4,542,001
Other spirits.....	"	1,636,984	1,830,895
Spools, bobbins and shuttles.....	—	—	1,163,748
Spoolwood.....	—	—	885,600
Sport gloves and mitts.....	—	—	94,430
Sporting goods, not specified.....	—	—	212,300
Sprayers, hand.....	no.	849	31,799
Sprayers, power.....	"	207	90,066
Springs, automobile.....	—	—	5,522,481
Springs, bed, box.....	no.	15,725	215,934
Springs, bed, woven wire.....	"	107,511	574,464
Springs, bed, other.....	"	257,493	1,462,440
Springs, upholstering.....	—	—	2,097,985
Springs for cars and locomotives.....	—	—	533,647
Springs, steel wire.....	—	—	3,963,083
Springs, other not specified.....	—	—	177,178
Stains.....	imp. gal.	330,599	589,127
Stampings, metal, not specified.....	—	—	6,496,788
Stamps, rubber.....	—	—	388,804
Stamps, not specified.....	—	—	467,518
Stamps, postage, revenue, etc.....	—	—	646,955
Staples, wire.....	keg	40,623	188,244
Starch, corn, edible.....	—	—	*
Starch, corn, laundry.....	—	—	*
Starch and flour, potato.....	ton	3,543	445,178
Stationery goods, not specified.....	—	—	122,418
Statues and art goods.....	—	—	385,600
Staves, barrel.....	M	51,020	785,442
Steam traps, etc.....	—	—	344,083
Stearine.....	lb.	1,991,228	141,958
Steel shapes erected—			
Bridges.....	ton	3,443	519,127
Buildings.....	"	111,572	19,301,138
Transmission towers.....	"	4,816	741,090
Steel shapes, structural, unfabricated, etc.....			
Quantity made.....	ton	184,701	—
Quantity sold.....	"	191,319	10,540,658
Steel shapes, structural, plain material.....	"	43,314	4,144,767
Steel shapes, structural, fabricated.....	—	—	10,801,342
Steel, miscellaneous.....	—	—	666,146
Steel wool.....	—	—	*
Stellite.....	—	—	*
Stencils.....	—	—	168,085
Stockinette.....	lb.	1,616,198	1,465,306
Stocking dryers.....	pair	139,575	25,017
Stokers, mechanical.....	—	—	2,345,726
Stoker parts.....	—	—	382,003
Stone, artificial.....	—	—	173,106
Stools, benches and cabinets.....	—	—	102,042
Store fixtures, not specified.....	—	—	152,107
Stove and furnace pipes.....	—	—	634,286
Stoves—			
Coal and wood.....	no.	241,890	6,266,828
Electric and combination coal and electric.....	"	25,193	1,916,022
Gas and combination coal and gas.....	"	28,642	1,614,540
Gasoline and oil.....	"	50,375	349,626
Plates, stoves for coffee makers, stove parts, etc.....	—	—	783,852
Straps, leather.....	doz.	185,241	337,557
Straws, soda.....	M	544,882	162,984
Strings, racquet.....	—	—	—
Sugar butter.....	lb.	1,297,647	167,107
Sugar, granulated—			
Beet.....	lb.	187,195,520	—
Cane.....	"	499,324,665	37,913,185
Sugar, brown or yellow.....	"	82,639,909	4,085,518
Sugar, fruit.....	"	2,189,263	127,923
Sugar, grape.....	—	—	*
Sugar, invert.....	lb.	5,734,058	396,979
Sugar, loaf.....	"	10,385,243	696,140

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1942—Con.

Items	Unit of Measure	Quantity	Value
			\$
Sugar, maple.....	—	—	*
Sugar of milk.....	lb.	222,357	59,424
Sugar, pulverized or icing.....	"	19,384,615	1,207,884
Suits—			
Boys' woollen.....	no.	298,055	2,192,546
Men's woollen.....	"	1,406,619	26,827,212
Other men's and boys'.....	"	1,222,402	907,289
Women's and misses'—			
Silk and artificial silk.....	"	91,636	494,476
Woollen.....	"	242,161	3,338,039
Other not specified.....	"	23,117	91,462
Knitted, women's and children's.....	doz.	17,426	464,733
Sulphur.....	—	—	*
Sulphur dichloride.....	—	—	*
Sulphur dioxide, liquid.....	—	—	*
Superheaters.....	—	—	1,819,829
Superphosphate.....	ton	172,817	2,881,620
Surfacers, wood-working.....	no.	45	60,958
Surgical and orthopaedic appliances and surgical dressings—			
Surgical bandages and dressings.....	—	—	1,227,165
Surgical belts.....	—	—	206,444
Surgical stockings, elastic.....	doz.	6,347	153,837
Orthopaedic corsets.....	—	—	348,711
Artificial limbs, crutches and parts.....	—	—	135,343
Foot easers, arch supports, etc.....	—	—	14,413
Trusses.....	—	—	181,093
Other surgical supports.....	—	—	148,939
Surgical and orthopaedic appliances and instruments, not specified.....	—	—	317,981
Suspenders, supporters, and garters.....	—	—	1,935,504
Swathers.....	no.	137	32,334
Sweaters, jackets, etc.....	—	—	10,826,875
Sweeping compounds.....	—	—	125,395
Swings, baby and other.....	—	—	20,171
Switch gear and protective equipment (except telephone switch-boards).....	—	—	8,957,552
Synthetics and moulded plastics.....	—	—	7,829,073
Syringes, fountain, and attachments.....	doz.	25,433	72,870
Syrup, corn.....	—	—	*
Syrup and fruit juices, fountain.....	gal.	868,956	1,645,096
Syrup, maple (factory made).....	lb.	473,425	104,446
Syrups, table.....	gal.	110,688	120,133
Syrups from cane (not including molasses).....	lb.	8,827,805	316,316
Table cloths and napkins.....	—	—	92,453
Tacks, cut and wire.....	—	—	514,638
Tags and labels, shipping.....	—	—	7,214,184
Tags and tickets, printed.....	—	—	642,394
Tags, not specified.....	—	—	6,170
Tailors' supplies, n.e.s.....	—	—	2,122,950
Tallow.....	lb.	50,884,886	4,309,553
Tankage, animal.....	"	58,035,065	1,091,603
Tanks, steel storage, black, galvanized, etc.....	—	—	2,855,521
Tanks, pressure, other.....	—	—	238,827
Tanks, steel, pneumatic.....	—	—	72,720
Tanks, steel, septic.....	—	—	32,019
Tanks, other, not specified.....	—	—	679,626
Tanners bate.....	—	—	*
Tape, rubber and friction.....	lb.	1,940,862	644,222
Tape, paper, gummed.....	—	—	1,592,129
Tape, telegraph.....	—	—	—
Tapes, fabric.....	—	—	1,241,572
Tapestries.....	yd.	1,929,292	1,327,005
Tapioca, granulated.....	—	—	—
Tar, coal and crude.....	imp. gal.	34,712,378	2,031,683
Tar, refined and other.....	gal.	5,334,077	593,747
Tar from petroleum refineries.....	lb.	2,947,525	94,321
Targets, clay.....	—	—	*
Tea, blended, etc.....	lb.	28,775,492	21,264,016
Telephone materials, not elsewhere specified.....	—	—	8,435,969
Tenoners and mortisers, wood-working.....	—	—	16,473
Tents.....	—	—	989,617
Thermit.....	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1942—Con.

Items	Unit of Measure	Quantity	Value
Thermometers, all kinds.....	—	—	289,529
Thickeners, mining and metallurgical.....	—	—	26,371
Thinners, pyroxylin.....	gal.	1,041,379	1,156,557
Thread, cotton.....	—	—	6,115,226
Thread, silk and artificial silk (see "also Yarn and thread").....	—	—	43,632
Threading machines.....	—	—	882,659
Threshers and reaper-threshers combined.....	—	—	2,746,543
Thresher parts.....	—	—	306,289
Ties, wooden.....	—	—	3,391,054
Tile, asphalt and other, n.s.....	—	—	38,784
Tile, drain.....	M	11,659	329,035
Tile, floor (from domestic clay).....	—	—	23,705
Tile, floor and wall (from imported clay).....	—	—	355,533
Tile, roofing, and hollow blocks.....	—	—	1,207,511
Tile, gypsum.....	—	—	10,359
Tiling and sheet flooring, rubber.....	—	—	—
Timbers, mine.....	—	—	1,381,819
Tin.....	lb.	77,727	44,140
Tinned plate and scrap.....	—	—	10,953,883
Tinsel garlands and ribbons.....	—	—	*
Tinware, japanned or not.....	—	—	1,063,354
Tire braids, auto.....	—	—	*
Tire fabrics.....	lb.	24,495,906	9,084,039
Tires and tubes—			
Balloon, casings.....	no.	1,401,292	56,861,964
High-pressure, casings.....	"	7,374	290,701
High pressure and balloon inner tubes.....	"	1,404,634	5,543,757
Airplane tubes.....	"	91,407	671,584
Bicycle tubes.....	"	427,749	153,074
Airplane tires.....	"	103,381	2,357,227
Motorcycle tires.....	"	13,115	74,105
Bicycle tires.....	"	393,474	302,650
Industrial.....	"	8,482	77,794
Tires and tiring, baby cab and toy.....	lb.	289,560	37,008
Tires, implement and tractor, pneumatic.....	no.	19,704	418,124
Tires, rubber, not specified.....	"	15,200	80,075
Tires, rebuilt.....	"	31,530	74,450
Tires, railway car.....	—	—	1,628,159
Tissues, cleansing.....	—	—	2,199,160
Toasters, electric.....	no.	131,327	349,784
Tobacco—			
Chewing, cut and twist.....	lb.	246,297	273,897
Chewing, plug.....	"	2,674,814	2,831,543
Smoking, leaf.....	"	499,860	146,510
Smoking, cut.....	"	25,083,008	30,912,143
Smoking, plug.....	"	659,786	759,953
Smoking, twist.....	—	—	*
Snuff.....	lb.	909,741	1,459,390
Stems and cuttings.....	—	—	2,543
Tobacco, raw leaf, processed.....	lb.	84,814,236	23,636,018
Tobacco pouches.....	—	—	175,599
Toboggans.....	no.	23,085	45,793
Toilet preparations, not elsewhere specified—			
Brilliantine, oily and liquid.....	—	—	241,684
Compacts and lipsticks.....	—	—	896,198
Creams, solid or liquid, all kinds.....	—	—	1,779,348
Toilet water and lotions.....	—	—	1,939,863
All other.....	—	—	2,951,183
Toiletware, celluloid.....	—	—	209,811
Toiletware, silver.....	—	—	305,292
Tomato catsup, canned.....	lb.	4,992,224	365,655
Tomato catsup, other.....	"	16,074,947	2,550,787
Tomato juice.....	"	79,023,685	3,871,558
Tomato paste and puree.....	"	4,898,094	354,328
Tomato pulp.....	"	9,738,288	428,433
Tools, carpenters' and mechanics' other than files.....	—	—	2,362,294
Tools, machine, not elsewhere specified.....	—	—	2,990,260
Tools, threading.....	—	—	1,617,394
Tools, not elsewhere specified.....	—	—	13,528,970
Toothpicks.....	—	—	61,098
Toppings, for ice cream.....	gal.	126,258	278,438
Tow, green.....	lb.	12,032,571	1,352,365

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1942—Con.

Items	Unit of Measure	Quantity	Value
			\$
Towels and towelling—			
Bath mats and bath sets.....	—	—	161,463
Towelling.....	yd.	5,595,674	1,004,276
Towels, all kinds.....	doz.	1,352,229	3,063,364
Face cloths.....	"	667,298	292,604
Towels, sanitary, all kinds.....	—	—	2,813,316
Towels, paper.....	cases	387,156	1,036,810
Toys—			
Rubber.....	—	—	16,105
Wooden.....	—	—	833,674
Metal.....	—	—	203,437
Stuffed.....	—	—	62,795
Miscellaneous, not specified, including Model aeroplanes.....	—	—	616,062
Trade work, n.e.s. (printing plant).....	—	—	1,247,424
Transfers, paper, decalcomania.....	—	—	563,760
Transfers, paper, dry.....	—	—	71,745
Transformers.....	—	—	11,131,148
Transformer parts.....	—	—	363,467
Transmission towers, electric (see "Steel shapes").....	—	—	—
Traps and fittings, lead.....	lb.	1,036,192	189,297
Traps, animal (including mouse and rat).....	—	—	*
Traps, not specified.....	—	—	*
Trays, display, and other.....	—	—	35,257
Trichlorethylene.....	—	—	*
Trimings, not specified.....	—	—	465,528
Trophies.....	—	—	*
Troughs.....	—	—	*
Trucks, factory, and other hand trucks.....	—	—	737,432
Trunks, all kinds.....	no.	131,505	764,175
Trussers.....	—	—	*
Tubes, collapsible.....	—	—	*
Tubes, vacuum, X-ray, vapour and glowler lamps, etc.....	no.	803,080	2,323,099
Tubing, brass, bronze, and aluminum.....	—	—	3,725,941
Tubing, rubber.....	lb.	320,845	222,385
Tubing, steel.....	—	—	4,766,082
Tubing and wisting, knitted.....	—	—	555,204
Tubs, ice cream.....	—	—	*
Tubs, laundry, cement.....	no.	13,323	116,280
Turbines and water wheels.....	—	—	1,555,545
Turpentine.....	—	—	*
Twine, binder, all sisal.....	lb.	81,102,078	7,479,666
Twine, sisal, hemp, jute, etc.....	"	6,963,552	1,506,063
Twine and cordage, all kinds.....	"	6,188,113	2,004,714
Type and type metal.....	"	4,150,069	447,079
Typesetting (trade composition).....	—	—	1,152,425
Typewriter ribbons.....	—	—	465,587
Typewriters.....	no.	53,743	3,072,935
Umbrellas.....	doz.	46,750	924,815
Undertakers' supplies, not specified.....	—	—	242,655
Underwear—			
Cotton, combination.....	doz.	314,206	2,522,143
Cotton, separate.....	"	1,764,768	6,357,788
Chiefly cotton, combination.....	"	37,120	440,867
Chiefly cotton, separate.....	"	313,020	1,823,094
Merino, combination.....	"	69,571	1,199,273
Merino, separate.....	"	111,145	1,239,828
Chiefly merino.....	"	31,321	444,127
Silk and chiefly silk.....	"	136,252	812,722
Artificial silk.....	"	362,076	1,456,250
Chiefly artificial silk.....	"	544,847	2,168,871
Wool, combination.....	"	7,497	194,072
Wool, separate.....	"	29,388	329,443
Chiefly wool, combination.....	"	44,751	595,823
Chiefly wool, separate.....	"	99,154	1,033,220
Not specified.....	"	26,734	87,930
Underslips—			
Artificial silk.....	doz.	388,381	3,733,658
Artificial silk and mixtures.....	"	252,138	2,088,603
Cotton.....	"	31,806	142,093
Not specified.....	"	4,134	36,179
Uniforms, woollen.....	no.	2,496,487	22,186,489
Uniforms, cotton, nurses', maids, etc.....	"	578,256	977,474

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1942—Con.

Items	Unit of Measure	Quantity	Value
			\$
Uniforms, other.....	no.	648,346	2,153,196
Universal carriers.....	—	—	31,056,635
Upholstering materials, n.e.s.....	—	—	104,455
Valves, brass and bronze.....	—	—	4,190,247
Valves, iron.....	—	—	2,666,969
Valves, tire.....	—	—	*
Valves, not specified.....	—	—	809,887
Varnishes.....	—	—	5,580,092
Vaults, burial, cement and steel.....	—	—	76,309
Vegetables, canned—			
Asparagus.....	lb.	3,751,990	594,633
Beans, baked.....	"	32,950,256	2,347,925
Beans, green or wax.....	"	27,647,521	2,067,244
Beets.....	"	707,635	59,931
Carrots.....	"	791,899	55,243
Carrots and peas.....	"	1,788,862	149,165
Corn, cream of.....	"	47,597,818	3,808,342
Corn, on the cob.....	"	847,329	91,550
Mushrooms.....	"	503,446	113,187
Peas.....	"	96,477,239	7,421,460
Pumpkin.....	"	9,378,179	442,179
Spinach.....	"	1,884,434	151,725
Tomatoes.....	"	102,088,327	5,138,826
Vegetable dinners.....	"	2,358,755	289,081
Vegetables, mixed.....	"	1,755,914	127,303
Vegetables, other.....	"	923,328	122,200
Vegetables, evaporated and dehydrated.....	"	1,607,146	846,522
Vegetable products, not specified.....	—	—	14,834
Vegetables, frozen or cold pack.....	lb.	931,699	132,984
Vegetable juices, canned.....	—	—	*
Vehicles, children's.....	—	—	567,772
Veils and veiling.....	—	—	173,425
Velvets.....	—	—	*
Veneer.....	M. sq. ft.	248,217	4,157,102
Vests, woollen.....	no.	72,458	121,761
Vests, other, not specified.....	"	44,362	47,665
Vinegar (made for sale)—			
Spirit.....	pr. gal.	4,022,993	1,468,991
Cider.....	"	904,212	235,808
Malt.....	"	363,443	214,458
Visors, cap.....	—	—	*
Waffle irons.....	no.	3,800	23,366
Wagons (see "Carriages and wagons")			
Wall board, gypsum.....	sq. ft.	164,410,695	3,849,253
Wall plaster.....	—	—	706,883
Wardrobes, wall board.....	—	—	*
Washboards.....	no.	223,073	70,683
Washers, leather.....	doz.	4,208,953	215,462
Washers and gaskets, iron, steel, etc.....	—	—	816,517
Washing compounds and powders.....	—	—	255,895
Waste, cotton, wool and jute.....	—	—	3,676,204
Waste, other.....	—	—	275,995
Waste, wood.....	—	—	363,737
Watches.....	—	—	667,173
Watch cases.....	—	—	386,770
Watch crystals.....	—	—	*
Water distilled.....	—	—	11,081
Water, aerated.....	Imp. gal.	58,273,974	36,646,385
Water, mineral, natural.....	—	—	129,357
Waterproofing of fabrics.....	—	—	283,136
Waterproofing preparations.....	—	—	46,815
Wax and wax compounds, all kinds.....	—	—	1,159,165
Wax, sealing.....	—	—	*
Weatherstrip.....	—	—	170,306
Webbing, elastic and non-elastic.....	—	—	6,077,457
Weeders.....	no.	1,400	68,709
Weed killer.....	—	—	193,319
Welding apparatus with control equipment and accessories.....	—	—	2,119,130
Welding compounds and fluxes.....	—	—	51,009
Welding rods and welding wires.....	s. ton	10,836	1,206,652
Welting.....	yd.	10,616,437	451,578

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1942—Con.

Items	Unit of Measure	Quantity	Value
			\$
Wheelbarrows and parts.....	—	—	137,826
Wheels, automobile.....	—	—	*
Wheels, railway car.....	—	—	6,791,118
Wheels, not specified.....	—	—	*
Whips.....	no.	87,453	15,562
Whiskies (see "Spirits").....	doz.	76,898	103,501
Whisks.....	—	—	*
White, satin.....	gal.	4,612,892	6,165,334
Wine, sold during the year.....	—	4,352,403	1,684,884
Wine, produced and placed in storage for maturing.....	pr. gal.	57,149	143,121
Wine spirits.....	lb.	12,720,476	2,008,827
Wiping cloths and rags, washed and sterilized.....	—	—	630,699
Wiping cloths and rags, other.....	—	—	—
Wire, barbed—	ton	10,085	—
Quantity made.....	"	10,975	891,960
Quantity sold.....	—	—	—
Wire, cold rolled, flat, all sizes—	ton	4,440	—
Quantity made.....	"	2,074	323,398
Quantity sold.....	—	—	—
Wire, galvanized—	ton	46,383	—
Quantity made.....	"	23,422	2,451,878
Quantity sold.....	—	—	—
Wire, drawn from rods—	ton	202,116	—
Quantity made.....	"	53,588	4,598,172
Quantity sold.....	—	—	—
Wire, strand, twisted—	ton	1,470	—
Quantity made.....	"	1,568	381,904
Quantity sold.....	—	—	34,789,606
Wires and cables, electrical.....	—	—	—
Wire rope and cable, not specified—	ton	14,789	—
Quantity made.....	"	14,944	7,228,165
Quantity sold.....	—	—	*
Wire, brass and copper.....	—	—	620,074
Wire, gold-filled, and alloys.....	—	—	2,088,319
Wire cloth, brass and bronze.....	sq. ft.	3,343,791	1,365,252
Wire cloth, iron and steel, including screen cloth.....	—	—	862,603
Wire mesh, steel, woven and welded.....	ton	8,299	267,017
Wire shapes, hangers, shades, etc.....	—	—	1,782,753
Wire goods, not specified.....	—	—	4,123,432
Wiring devices, not elsewhere specified.....	—	—	844,958
Wooden products, not specified.....	—	—	—
Wood flour.....	—	—	257,904
Woodenware, kitchen.....	—	—	9,391
Woodenware, not specified.....	—	—	—
Wood preservation.....	—	—	627,882
Wood turning, not specified.....	—	—	292,079
Woodwork, sanitary.....	—	—	6,036,765
Wool, raw and unmanufactured.....	—	—	—
Woollen cloth, woven—	yd.	9,824,568	18,072,217
All wool, woollen.....	"	4,996,756	9,423,440
All wool, worsted.....	"	7,352,898	15,064,260
Woollen and worsted mixed.....	"	1,798,558	1,653,893
Cotton warp, woollen.....	"	20,220	31,014
Cotton warp, worsted.....	"	2,712,369	3,684,599
Other woollen and mixtures.....	—	—	*
Velours, mohair and plushes.....	—	—	—
Woven fabrics, not specified.....	yd.	22,308	23,292
Wrappers, bottle.....	—	—	209,961
Wrappers, paper, not specified.....	—	—	1,100,900
Wringers, clothes.....	no.	26,146	147,796
Wringers, mop.....	—	—	*
Yarns—	—	—	—
Cotton, grey.....	lb.	37,019,568	13,753,817
Cotton, bleached and coloured.....	"	10,685,379	5,457,341
Cotton and wool mixtures.....	"	287,853	214,376
Cotton, other.....	"	2,499,983	1,067,404
Artificial silk, singles.....	"	13,213,418	8,979,514
Silk and artificial silk mixtures.....	"	665,408	1,746,905
Spun rayon.....	"	479,428	276,827
Woollen transferred or sold to other plants of firms reporting.....	"	5,928,667	2,931,365
Woollen, sold to other firms.....	"	3,621,400	3,250,023
Woollen, not specified.....	"	143,207	206,443

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1942—Con.

Items	Unit of Measure	Quantity	Value
			\$
Yarns— <i>Concluded</i>			
Worsted, sold to other firms.....	lb.	8,625,261	11,943,064
Worsted, transferred or sold to other plants of firms reporting	"	2,982,598	3,196,524
Not specified.....	—	—	811,512
Yeast, dry.....	lb.	2,765,348	541,162
Yeast, fresh (for sale).....	"	14,712,859	2,932,342
Yeast food, bread improver, etc.....	"	1,858,241	146,330
Yoghourt.....	—	—	*
Zinc, refined, zinc alloys, etc.....	—	—	596,009
Zinc chloride.....	—	—	*
Zinc cyanide.....	—	—	*
Zinc laurate.....	—	—	*
Zinc naphthanate.....	—	—	*
Zinc stearate.....	—	—	*
Zinc oxide and zinc dust.....	—	—	*
Zinc products, not specified.....	—	—	22,230
Manufactured food products, packaged only.....	—	—	837,010
Amount received by clothing contractors.....	—	—	4,806,237
All other products, not specified—			
Vegetable products group.....	—	—	2,232,596
Animal products group.....	—	—	5,492,421
Textile products group.....	—	—	1,274,346
Wood and paper products group.....	—	—	6,791,692
Iron and steel products group.....	—	—	62,357,155
Non-ferrous metal products group.....	—	—	13,941,547
Non-metallic mineral products group.....	—	—	6,596,269
Chemicals and chemical products group.....	—	—	6,608,909
Miscellaneous products group.....	—	—	699,023
Custom work and repairs—			
Animal products group.....	—	—	426,373
Textile products group.....	—	—	4,535,618
Wood and paper products group.....	—	—	2,452,965
Iron and steel products group.....	—	—	74,429,300
Non-ferrous metal products group.....	—	—	2,184,208
Non-metallic mineral products group.....	—	—	162,290
Miscellaneous products group.....	—	—	3,263,105
Products which were reported by less than three firms and for which figures cannot be shown separately.....	—	—	221,270,735
Total value of products listed.....	—	—	7,749,721,481
Deductions due to the adjustment for intermediate products and excise taxes.....	—	—	195,926,509
Total.....			7,553,794,972

NOTE.—The (*) indicates that the commodity was reported by less than three firms.

Footnote for page 103 (†) Does not include fabrics dyed or bleached by firms maintaining a dyeing and finishing department of their own.

CANADA

LIST OF PUBLICATIONS, CENSUS OF MANUFACTURES; DOMINION BUREAU OF STATISTICS

Manufactures

- (1) General—General Report on the Manufacturing Industries of Canada with appendix giving Alphabetical List of Products; Geographical Distribution of the Manufacturing Industries of Canada; also Reports for the Provinces and Leading Cities; Quantity of Manufacturing Production in Canada, 1923-29. Weekly Earnings of Male and Female Wage-Earners in the Manufacturing Industries of Canada.
- (2) Manufactures of Vegetable Products—Biennial General Report on Manufactures of Vegetable Products. Annual Bulletins as follows: (*a*) Coffee, Tea, Spices and Miscellaneous Foods; (*b*) Fruit and Vegetable Preparations, including Canning, Evaporating and Preserving, and Pickles, Sauces, Vinegar and Cider; (*c*) Flour and Feed Mill Products; (*d*) Bread and other Bakery Products; (*e*) Biscuits and Confectionery, including Cocoa and Chocolate; (*f*) Macaroni, Vermicelli, etc.; (*g*) Distilled Liquors; (*h*) Breweries; (*i*) Wine; (*j*) Rubber Goods, including Rubber Boots and Shoes; (*k*) Prepared Breakfast Foods; (*l*) Sugar Refineries; (*m*) Tobacco Products; (*n*) Vegetable Oil Mills; (*o*) Canned Foods; (*p*) Ice Cream; (*q*) Pack of Fruits and Vegetables, preliminary; (*r*) Aerated Waters; (*s*) Stock and Poultry Feeds; (*t*) Stocks of Unmanufactured Tobacco on hand, quarterly report; (*u*) Stocks of Canned Fruits and Vegetables, quarterly report.
- (3) Animal Products and their Manufactures—Annual Reports and Bulletins as follows: (*a*) The Dairy Factory Industry; (*b*) Processed Cheese; (*c*) Fish Processing (contained in annual Fisheries Statistics); (*d*) Slaughtering and Meat Packing and Sausage and Sausage Casings; (*e*) Leather Tanneries; (*f*) Leather Belting, Leather Boot and Shoe Findings and Miscellaneous Leather Goods; (*g*) Leather Boots and Shoes; (*h*) Leather Gloves and Mittens; (*i*) Fur Goods, Fur Dressing. Monthly Bulletin on Leather Footwear Production.
- (4) Textiles and Allied Industries—Biennial General Report on the Textile Industries of Canada. Annual Bulletins as follows: (*a*) Cotton Textiles (cloth, yarn, thread and waste); (*b*) Woollen Textiles (cloth, yarn, waste, carpets and woollen goods, n.e.s.); (*c*) Silk and Artificial Silk; (*d*) Men's Factory Clothing incl. Men's Furnishings; (*e*) Women's Factory Clothing; (*f*) Hats and Caps; (*g*) Hosiery and Knitted Goods; (*h*) Oiled and Waterproofed Clothing; (*i*) Cordage, Rope and Twine; (*j*) Corsets; (*k*) Cotton and Jute Bags; (*l*) Dyeing and Finishing of Textiles; (*m*) Awnings, Tents and Sails.
- (5) Manufactures of Forestry Products—Printed Bilingual Reports: (*a*) The Lumber Industry (biennial); (*b*) The Pulp and Paper Industry (biennial); (*c*) Wood-Using Industries (biennial); (*d*) Paper-Using Industries (biennial). Stencilled annual preliminary reports: (*a*) Lumber; (*b*) Pulp and Paper; (*c*) Wood-Using Industries; (*d*) Planing Mills and Sash and Door Factories; (*e*) Hardwood Flooring; (*f*) Furniture; (*g*) Printing Trades (Comprising the following industries: Printing and Publishing; Printing and Bookbinding; Lithographing; Engraving, Stereotyping and Electrotyping; Trade Composition and Blue Printing); (*h*) Paper Boxes and Bags. Stencilled biennial report: Lumber Distribution in Canada and the United States. Stencilled annual bulletins: (*a*) Boxes and Baskets; (*b*) Carriages, Sleighs and Vehicle Supplies; (*c*) Cooperage; (*d*) Coffins and Caskets; (*e*) Boatbuilding; (*f*) Lasts, Trees and Wooden Shoe findings; (*g*) Wood-turning; (*h*) Woodenware; (*i*) Excelsior; (*j*) Beekeepers' and Poultrymen's Supplies; (*k*) Wooden Refrigerators; (*l*) Miscellaneous Wood-Using Industries; (*m*) Roofing Paper; (*n*) Miscellaneous Paper Goods. Mimeographed Monthly Bulletins: (*a*) Asphalt Roofing Production; (*b*) Asphalt Roofing Sales.

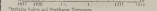
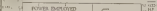
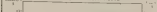
- (6) Iron and Steel and their Products—Biennial Report. Annual Bulletins as follows: Preliminary Summary on the Iron and Steel Industry. (a) Primary Iron and Steel; (b) Iron Castings; (c) Heating and Cooking Apparatus (except boilers and radiators); (d) Boilers, Tanks and Plate work; (e) Farm Implements and Machinery; (f) Machinery; (g) Automobiles; (h) Automobile Parts; (i) Bicycles; (j) Railway Rolling Stock; (k) Wire and Wire Goods; (l) Sheet Metal Products; (m) Hardware, Tools and Cutlery; (n) Bridge Building and Structural Steel Work; (o) Shipbuilding and Ship Repairs; (p) Aircraft; (q) Miscellaneous Iron and Steel Products. Commodity Bulletins on The Production of Pig Iron; Steel; Washing Machines; Cream Separators; Warm Air Furnaces; Galvanized Sheets; Wire Nails; Steel Wire; Wire Fencing; Stoves, etc. Monthly Bulletins: (a) Pig Iron, Steel Ingots and Castings; (b) Steel Ingots; (c) Automobile Statistics*.
- (7) Manufactures of Non-Ferrous Metals—Biennial Report. Annual Bulletins as follows: Preliminary Summary on Manufactures of Non-Ferrous Metals. (a) Aluminium Products; (b) Brass and Copper Products; (c) White Metal Alloys; (d) Jewellery and Silverware; (e) Electrical Apparatus and Supplies; (f) Non-Ferrous Metal Smelting and Refining; (g) Miscellaneous Non-Ferrous Metal Goods. Quarterly Reports on Production and Sales of Radio Sets*, and Sales of Storage Batteries. Commodity Bulletins on the Production of Batteries; Silverware; Vacuum Cleaners; Electric Motors and Generators; Electric Transformers; Incandescent Lamps, etc.
- (8) Manufactures of the Non-Metallic Minerals — Biennial Report. Annual Bulletins as follows: Preliminary Summary on Manufactures of Non-Metallic Minerals. (a) Asbestos Products; (b) Cement and Cement Products; (c) Coke and Gas; (d) Glass Products; (e) Lime; (f) Petroleum Products; (g) Clay Products; (h) Salt; (i) Sand-lime Brick; (j) Stone; (k) Artificial Abrasives; (l) Gypsum and Gypsum Products; (m) Miscellaneous Non-Metallic Mineral Products, including Carbon Electrodes—Mica Products—Non-Metallic Minerals, n.e.s. Also special report on the consumption of Coke in Canada. Monthly bulletins on (a) Coke Statistics; (b) Sales of Manufactured and Natural Gas.
- (9) Chemicals and Allied Products—Biennial Report. Annual Bulletins as follows: Preliminary Summary on Chemicals and Allied Products; (a) Coal Tar Distillation; (b) Acids, Alkalies and Salts; (c) Compressed Gases; (d) Fertilizers; (e) Medicinal and Pharmaceutical Preparations; (f) Paints, Pigments and Varnishes; (g) Soaps, Cleaning Preparations and Washing Compounds; (h) Toilet Preparations; (i) Inks; (j) Adhesives; (k) Polishes and Dressings; (l) Hard Wood Distillation; (m) Miscellaneous Chemical Products, including Boiler Compounds; Plastic Products; Insecticides; Sweeping Compounds, Disinfectants; Matches; Dyes and Colours; Explosives, ammunition and fireworks; Chemical Products, n.e.s. Special Reports on the Fertilizer Trade in Canada. Commodity Bulletins on Sulphuric Acid, Ammonium Sulphate, etc. Special Report—Directory of Chemical Industries in Canada. Special Report on the Consumption of Chemicals in Municipal Waterworks.
- (10) Miscellaneous Manufactures—General Report. Annual Bulletins as follows: (a) Brooms, Brushes and Mops; (b) Musical Instruments (including pianos, organs and phonographs and Musical Instrument Materials and Parts; (c) Buttons; (d) Bed Springs and Mattresses; (e) Sporting Goods.

*Discontinued for duration.

VALEUR NETTE DE LA PRODUCTION MANUFACTURIERE
PAR COMTES OU DIVISIONS DE RECENSEMENT.

(LATEST PREWAR YEAR)

(DERNIERE ANNEE D'AVANT-GUERRE)



Comptrolle le Volume et les Terminaux du Nord-Ouest

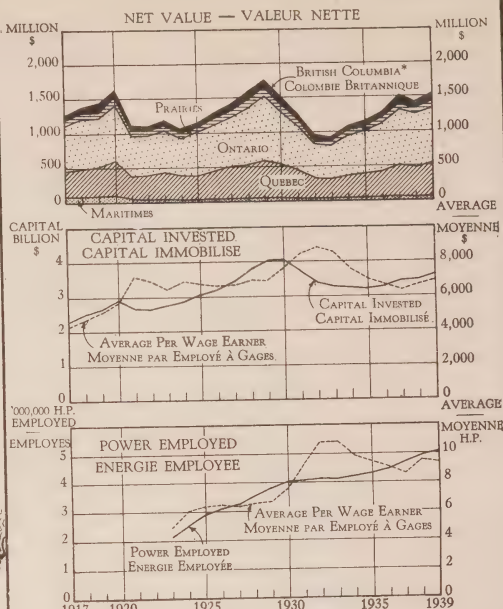
Industry	Production, million \$
Food and kindred products	20,710
Textile mill	10,100
Chemical and allied products	10,000
Nonferrous metal	9,800
Transportation equipment	9,700
Primary metal	9,600
Stone, clay and glass products	9,500
Electrical, electronic and other electric	9,400
Plastics and rubber products	9,300
Chemical and allied products	9,200
Food and kindred products	9,100
Textile mill	9,000
Chemical and allied products	8,900
Nonferrous metal	8,800
Transportation equipment	8,700
Primary metal	8,600
Stone, clay and glass products	8,500
Electrical, electronic and other electric	8,400
Plastics and rubber products	8,300
Chemical and allied products	8,200
Food and kindred products	8,100
Textile mill	8,000
Chemical and allied products	7,900
Nonferrous metal	7,800
Transportation equipment	7,700
Primary metal	7,600
Stone, clay and glass products	7,500
Electrical, electronic and other electric	7,400
Plastics and rubber products	7,300
Chemical and allied products	7,200
Food and kindred products	7,100
Textile mill	7,000
Chemical and allied products	6,900
Nonferrous metal	6,800
Transportation equipment	6,700
Primary metal	6,600
Stone, clay and glass products	6,500
Electrical, electronic and other electric	6,400
Plastics and rubber products	6,300
Chemical and allied products	6,200
Food and kindred products	6,100
Textile mill	6,000
Chemical and allied products	5,900
Nonferrous metal	5,800
Transportation equipment	5,700
Primary metal	5,600
Stone, clay and glass products	5,500
Electrical, electronic and other electric	5,400
Plastics and rubber products	5,300
Chemical and allied products	5,200
Food and kindred products	5,100
Textile mill	5,000
Chemical and allied products	4,900
Nonferrous metal	4,800
Transportation equipment	4,700
Primary metal	4,600
Stone, clay and glass products	4,500
Electrical, electronic and other electric	4,400
Plastics and rubber products	4,300
Chemical and allied products	4,200
Food and kindred products	4,100
Textile mill	4,000
Chemical and allied products	3,900
Nonferrous metal	3,800
Transportation equipment	3,700
Primary metal	3,600
Stone, clay and glass products	3,500
Electrical, electronic and other electric	3,400
Plastics and rubber products	3,300
Chemical and allied products	3,200
Food and kindred products	3,100
Textile mill	3,000
Chemical and allied products	2,900
Nonferrous metal	2,800
Transportation equipment	2,700
Primary metal	2,600
Stone, clay and glass products	2,500
Electrical, electronic and other electric	2,400
Plastics and rubber products	2,300
Chemical and allied products	2,200
Food and kindred products	2,100
Textile mill	2,000
Chemical and allied products	1,900
Nonferrous metal	1,800
Transportation equipment	1,700
Primary metal	1,600
Stone, clay and glass products	1,500
Electrical, electronic and other electric	1,400
Plastics and rubber products	1,300
Chemical and allied products	1,200
Food and kindred products	1,100
Textile mill	1,000
Chemical and allied products	900
Nonferrous metal	800
Transportation equipment	700
Primary metal	600
Stone, clay and glass products	500
Electrical, electronic and other electric	400
Plastics and rubber products	300
Chemical and allied products	200
Food and kindred products	100
Textile mill	0



DUCTION
IONS,

UFACTURIERE
NSEMENT,

FACTORS IN MANUFACTURING PRODUCTION FACTEURS DE PRODUCTION MANUFACTURIERE



NET VALUE OF LEADING INDUSTRIES, 1939 VALEUR NETTE DES PREMIERES INDUSTRIES, 1939

INDUSTRY — INDUSTRIE	MILLION \$
PULP AND PAPER PULPE ET PAPIER	103,123,660
NON-FERROUS METAL SMELTING AND REFINING SMELTAGE ET AFFINAGE DES MÉTAUX N.F.	80,057,835
ELECTRICAL APPARATUS AND SUPPLIES APPAREILS ET FOURNITURES ÉLECTRIQUES	48,462,341
PRINTING AND PUBLISHING IMPRESSION ET ÉDITION	47,270,818
SAWMILLS SCIERIES	44,852,358
PRIMARY IRON AND STEEL FER ET ACIER PRIMAIRES	40,130,444
RUBBER GOODS ARTICLES EN CAOUTCHOUC	39,799,568
BREAD AND OTHER BAKERY PRODUCTS PAIN ET AUTRES PROD. DE LA BOULANGERIE	39,264,949
AUTOMOBILES	34,972,702
BUTTER AND CHEESE BEURRE ET FROMAGE	33,185,177
COTTON YARN AND CLOTH FILÉS ET TISSUS DE COTON	32,279,911
CLOTHING, FACTORY, MEN'S CONFECTION POUR HOMMES	30,506,388
MACHINERY MACHINERIE	29,546,294
HOSIERY AND KNITTED GOODS BONNETERIE	29,457,833
SLAUGHTERING AND MEAT PACKING ABATTOIRS ET SALAISONS	29,048,432
BISCUITS, CONFECTIONERY, COCOA, ETC. BISCUITS, CONFISERIE, CACAO, ETC.	27,654,965
BREWERIES	26,394,981
CLOTHING, FACTORY, WOMEN'S CONFECTION POUR FEMMES	25,624,385
PETROLEUM PRODUCTS PRODUITS DU PÉTROLE	25,534,218
FLOUR AND FEEDMILLS MINOTERIE ET MEUNERIE	25,051,936

LAC ST. JEAN DISTRICT OF EASTERN QUEBEC
DISTRICT DU LAC ST-JEAN DANS LE QUEBEC ORIENTAL



TORONTO, ONT.

All Other Exports
Tous Autres Exportés

Manufactures
Produits Manufacturés

Wool and Fur Products
Produits de Laine et de Peaux

Grain and Grain Products
Produits de Céréales et de Céréales

Timber and Timber Products
Terre et Produits de Bois

Non-Ferrous Metals Products
Produits de Métaux Non-Ferreux

Chemicals and Allied Products
Produits de Chimie et de Chimie

MONTREAL, QUE.

All Other Exports
Tous Autres Exportés

Manufactures
Produits Manufacturés

Wool and Fur Products
Produits de Laine et de Peaux

Grain and Grain Products
Produits de Céréales et de Céréales

Timber and Timber Products
Terre et Produits de Bois

Non-Ferrous Metals Products
Produits de Métaux Non-Ferreux

Chemicals and Allied Products
Produits de Chimie et de Chimie

HAMILTON, ONT.

All Other Exports
Tous Autres Exportés

Manufactures
Produits Manufacturés

Wool and Fur Products
Produits de Laine et de Peaux

Grain and Grain Products
Produits de Céréales et de Céréales

Timber and Timber Products
Terre et Produits de Bois

Non-Ferrous Metals Products
Produits de Métaux Non-Ferreux

Chemicals and Allied Products
Produits de Chimie et de Chimie

WINDSOR, ONT.

All Other Exports
Tous Autres Exportés

Manufactures
Produits Manufacturés

Wool and Fur Products
Produits de Laine et de Peaux

Grain and Grain Products
Produits de Céréales et de Céréales

Timber and Timber Products
Terre et Produits de Bois

Non-Ferrous Metals Products
Produits de Métaux Non-Ferreux

Chemicals and Allied Products
Produits de Chimie et de Chimie

LONDON, ONT.

All Other Exports
Tous Autres Exportés

Manufactures
Produits Manufacturés

Wool and Fur Products
Produits de Laine et de Peaux

Grain and Grain Products
Produits de Céréales et de Céréales

Timber and Timber Products
Terre et Produits de Bois

Non-Ferrous Metals Products
Produits de Métaux Non-Ferreux

Chemicals and Allied Products
Produits de Chimie et de Chimie

QUEBEC, QUE.

All Other Exports
Tous Autres Exportés

Manufactures
Produits Manufacturés

Wool and Fur Products
Produits de Laine et de Peaux

Grain and Grain Products
Produits de Céréales et de Céréales

Timber and Timber Products
Terre et Produits de Bois

Non-Ferrous Metals Products
Produits de Métaux Non-Ferreux

Chemicals and Allied Products
Produits de Chimie et de Chimie

TROIS-RIVIERES, QUE.

All Other Exports
Tous Autres Exportés

Manufactures
Produits Manufacturés

Wool and Fur Products
Produits de Laine et de Peaux

Grain and Grain Products
Produits de Céréales et de Céréales

Timber and Timber Products
Terre et Produits de Bois

Non-Ferrous Metals Products
Produits de Métaux Non-Ferreux

Chemicals and Allied Products
Produits de Chimie et de Chimie

CHIEF INDUSTRIAL CENTRES
IN THE
ST. LAWRENCE VALLEY
(INCLUDING THE EASTERN TOWNSHIPS)
AND THE
GREAT LAKES PENINSULA,
BY NET VALUE OF PRODUCTION,
1939
(LATEST PRE-WAR YEAR)

CENTRES INDUSTRIELS
DANS LA
VALLEE DU ST-LAURENT
(Y COMPRIS LES CANTONS DE L'EST)
ET LA
PENINSULE DES GRANDS LACS,
D'APRES LA VALEUR NETTE DE PRODUCTION,
1939
(DERNIERE ANNEE D'AVANT GUERRE)

Gov. Do 31-201 Canada, Statistics, Bureau of
Can
S

Government
Publication

CANADA—DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS

GENERAL MANUFACTURES BRANCH

GENERAL REVIEW OF
**The Manufacturing Industries
of Canada, 1943**

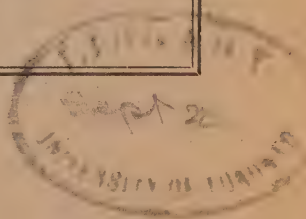
SUMMARY REPORT

Published by Authority of the Hon. James A. MacKinnon, M.P.,
Minister of Trade and Commerce



OTTAWA
EDMOND CLOUTIER
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1946

Price 50 cents



CANADA—DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
GENERAL MANUFACTURES BRANCH

The Manufacturing Industries of Canada, 1943

SUMMARY REPORT

Published by Authority of the Hon. James A. MacKinnon, M.P.,
Minister of Trade and Commerce



OTTAWA
EDMOND CLOUTIER
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1946



TABLE OF CONTENTS

	PAGE
Part I.—General Analysis of Manufacturing in the Dominion	5
Section 1. <i>Growth of Manufacturing in Canada</i>	7
1. Historical Summary of Statistics of Manufactures for the Dominion, 1917-43.....	7
2. Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-43.....	8
3. Summary Statistics of Manufactures, by Industrial Groups, Significant Years, 1917-43... 10	10
4. Summary of Statistics of Manufactures, Significant Years, 1917-43.....	13
5. Consumption of Manufactured Products, 1928-43.....	14
Section 2. <i>Value and Volume of Manufactured Products</i>	14
6. Indexes of the Volume of Manufacturing Production, According to Component Material and Purpose Classifications, Significant Years, 1923-43.....	15
7. Indexes of the Volume of Manufacturing Production for the Groups of the Purpose Classification, Significant Years, 1923-43.....	16
Section 3. <i>Production by Industrial Groups and Individual Industries</i>	16
Subsection 1. Manufactures Grouped by Chief Component Materials.....	16
8. Percentage Variation in Employment, Salaries and Wages, and Gross Value of Products in the Main Industrial Groups Compared for Significant Years, 1929-43.....	17
9. Statistics of the Numbers, Capital, Employees, Salaries and Wages, Power, Fuel, Materials, and Values of Products of Canadian Manufacturing Industries, 1943.....	18
Subsection 2. Manufactures Classified by the Purpose of the Products.....	24
10. Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups, Significant Years, 1922-43, and in Detail for 1943.....	24
11. Quantities and Values of the Principal Commodities Produced by the Manufacturing Industries of Canada, Grouped by Purpose, 1943.....	27
Subsection 3. Manufactures Classified by Origin of the Materials.....	29
12. Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Materials Used, by Main Groups, Significant Years, 1924-43.....	29
Subsection 4. Leading Manufacturing Industries.....	31
13. Principal Statistics of the Forty Leading Industries of Canada, Ranked According to the Gross Value of the Products, 1942.....	32
14. Principal Statistics of the Forty Leading Industries of Canada, Ranked According to the Gross Value of the Products, 1943.....	33
Section 4. <i>Principal Factors in Manufacturing Production</i>	34
Subsection 1. Capital Employed.....	34
15. Percentage Distribution of Capital Employed in the Manufacturing Industries of Canada, by Provinces and Industrial Groups, Significant Years, 1917-43.....	34
16. Forms of Capital Employed in the Manufacturing Industries of Canada, by Provinces and Industrial Groups, 1943, with Totals for Significant Years, 1924-42.....	35
Subsection 2. Employment in Manufactures.....	35
17. Salaried Employees and Wage-Earners in the Manufacturing Industries of Canada, with Volume of Manufacturing Production and Comparative Efficiency of Production, 1931-43.....	36
18. Wage-Earners Employed in the Manufacturing Industries of Canada, by Months and Sex, Significant Years, 1922-43.....	37
19. Wage-Earners in Manufacturing Working Specified Numbers of Hours per Week in the Month of Highest Employment, 1938-43.....	38
20. Wage-Earners Working Specified Weekly Hours in the Month of Highest Employment, by Sex, Province and Industrial Group, 1943.....	39
21. Male Wage-Earners in the Forty Leading Industries Working Specified Weekly Hours in the Month of Highest Employment, 1943.....	41
22. Female Wage-Earners in the Forty Leading Industries Working Specified Weekly Hours in the Month of Highest Employment, 1943.....	42
Subsection 3. Salaries and Wages in Canadian Manufacturing Industries.....	43
23. Salaries and Wages Paid in the Manufacturing Industries of Canada, by Provinces and Industrial Groups, 1943, with Totals for Significant Years, 1917-42.....	43
24. Salaries and Wages Paid in the Forty Leading Industries, 1943, with Comparative Figures of Average Salaries and Wages Paid in 1942.....	45
25. Average Annual, Weekly and Hourly Earnings of the Male and Female Wage-Earners, 1934-43.....	47
26. Average Annual, Weekly and Hourly Earnings of Wage-Earners, Classified by Sex, Province and Industrial Group, 1943.....	48
27. The Forty Leading Industries Employing the Greatest Number of Male Wage-Earners, Ranked According to the Average Annual, Weekly and Hourly Earnings, 1943.....	49
28. The Forty Leading Industries Employing the Greatest Number of Female Wage-Earners, Ranked According to the Average Annual, Weekly and Hourly Earnings, 1943.....	50

TABLE OF CONTENTS—Concluded

	PAGE
Part I.—General Analysis of Manufacturing in the Dominion—concluded	
29. Average Yearly Earnings, and Index Numbers of Earnings, Cost of Living and Real Wages of Wage-Earners, in Manufacturing Industries, 1931-43.....	51
30. Percentages of Salaries and Wages Paid to the Total Net Values of Manufacturing Production, 1924-43.....	52
Subsection 4. Size of Manufacturing Establishments.....	52
31. Manufacturing Establishments Grouped According to Gross Values of Products, with Total and Average Values of Products in each Class, for Canada, 1929, 1939, 1942 and 1943.....	53
32. Manufacturing Establishments Classified by Number of Employees, by Provinces, 1943.....	54
33. Establishments and Employees in Canadian Manufactures, Grouped According to the Number of Employees per Establishment, 1929, 1939, 1942 and 1943.....	54
34. Percentage Importance of Establishments, Each Employing 200 or more Persons, in the Twenty-five Leading Industries, 1943.....	55
35. Principal Statistics of the Twenty-Five Leading Industries, Grouped According to Number of Employees per Establishment, 1943.....	55
Subsection 5. Power and Fuel.....	59
36. Power Equipment Installed in the Manufacturing Industries of Canada, 1931-42, with Details by Provinces and Industrial Groups, 1943.....	60
37. Fuel and Electricity Used in the Manufacturing Industries of Canada, 1931-42, with Details by Provinces and Industrial Groups, 1943.....	62
Part II.—Provincial and Local Distribution of Manufacturing Production.....	63
1. Summary Statistics of Manufactures in Each Province, Classified by Industrial Groups, 1943.....	63
2. Concentration of Manufacturing Production in Each Province, 1943.....	66
3. Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Number of Employees per Establishment, 1943.....	66
Section 1. The Manufactures of the Maritime Provinces, 1943.....	68
4. Statistics of the Leading Industries of the Maritime Provinces, 1943.....	68
Section 2. The Manufactures of Quebec, 1943.....	69
5. Statistics of the Leading Industries of the Province of Quebec, 1943.....	70
Section 3. The Manufactures of Ontario, 1943.....	71
6. Statistics of the Leading Industries of the Province of Ontario, 1943.....	71
Section 4. The Manufactures of the Prairie Provinces, 1943.....	72
7. Statistics of the Leading Industries of the Prairie Provinces, 1943.....	73
Section 5. The Manufactures of British Columbia, 1943.....	74
8. Statistics of the Leading Industries of British Columbia, 1943.....	74
Section 6. Manufacturing Industries in Cities and Towns.....	75
9. Cities and Towns with a Gross Manufacturing Production of over \$1,000,000 each, Number of Establishments and Total Gross Production in such Cities and Towns as a Percentage of the Grand Total, by Provinces, 1943.....	75
10. Principal Statistics of the Manufacturing Industries of the Six Leading Manufacturing Cities of Canada, 1933-43.....	76
11. Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1943.....	77
12. Principal Statistics by Counties and Census Divisions, 1943.....	80
Appendix I—	
Principal Statistics of the Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1943.....	85
Appendix II—	
Alphabetical List of Products Manufactured in Canada, 1943.....	96
List of Publications on the Census of Manufactures.....	133

DEPARTMENT OF TRADE AND COMMERCE

Dominion Bureau of Statistics—General Manufactures Branch

OTTAWA, CANADA

Dominion Statistician: HERBERT MARSHALL, B.A., F.S.S.

Chief, General Manufactures Branch: A. COHEN, B. Com.

THE MANUFACTURING INDUSTRIES OF CANADA, 1943

Introduction

This report deals with manufacturing industries in Canada in two main Parts. Part I gives general analyses of manufactures in the Dominion including: the historical development of manufacturing in Canada in so far as statistical data are available; production by industrial groups and individual industries, i.e., a detailed treatment of current production under various groupings and individual industries; general analyses of the principal factors in manufacturing production under such sub-headings as capital, employment, salaries and wages, size of establishment, power and fuel. Part II deals with the provincial and local distribution of manufacturing production.

With regard to the first section of Part I, dealing with historical development, it is impossible to give absolutely comparable statistics over a long period of years. From 1870 to 1915 statistics were collected only in connection with decennial or quinquennial censuses, and there was inevitably some variation in the information collected. The annual Census of Manufactures was instituted in 1917 and, while numerous changes have been made since then in the information collected and the treatment of the data, an effort has been made to carry all major revisions, in so far as possible, back to 1917, so that the figures for the period since then are on a reasonably comparable basis.

The far-reaching influence of the War of 1914-18 was, of course, the outstanding factor in the growth recorded prior to the war now concluded. It was during these years that Canadian manufactures began to develop on a really large scale. Munitions contracts placed by the Imperial Munitions Board of Canada in those

years totalled well over \$1,000,000,000 and these did not include such fields of production as shipbuilding and aviation. Shipbuilding construction alone during the War of 1914-18 amounted to \$35,000,000 in 1917, \$75,000,000 in 1918 and \$86,000,000 in 1919. In the same three years, employees in the shipbuilding industry numbered 12,000, 22,000 and 25,000, respectively.

Canada's effort in the Second World War brought manufacturing production to a much higher level than ever before. The output of manufactured products in 1943 amounted to \$8,732,860,999 which represented an increase of 151.3 p.c. over the pre-war year of 1939, and an increase of 124.9 p.c. compared with the pre-war maximum attained in 1929. There is little doubt that the diversified development that took place during the war years will have a permanent effect on Canadian manufacturing production in the post-war period. Undoubtedly, the effects of the thorough-going transformation in industrial production will be far-reaching and will complicate the post-war readjustment in industry.

PART I.—GENERAL ANALYSES OF MANUFACTURING IN THE DOMINION

Section 1.—Growth of Manufacturing in Canada

This section gives a picture of the growth of manufacturing, in general, as shown by comparable principal statistics, i.e., establishments, capital, employees, salaries and wages paid, cost of materials, and values of products. Other useful comparisons are made in Table 4 and figures of consumption are given in Table 5. Tables 6 and 7 show volume comparisons.

1.—Historical Summary of Statistics of Manufactures for the Dominion, 1917-1943

NOTE.—Statistics of manufacturing from 1870 have been published, but between that year and 1917 they are not on a comparable basis to the series given below. They will be found in Table 1 in former editions of this report. Statistics of the non-ferrous metal smelting industries were included in manufactures for the first time in 1925.

Year	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
1917.....	21,845	2,333,991,229	606,523	497,801,844	1,539,678,811	1,281,131,980	2,820,810,791
1918.....	21,777	2,518,197,329	602,179	567,991,171	1,827,631,548	1,399,794,849	3,227,426,397
1919.....	22,083	2,670,559,435	594,066	601,715,668	1,779,056,765	1,442,400,638	3,221,457,403
1920.....	22,532	2,923,667,011	598,893	717,493,876	2,085,271,649	1,621,273,348	3,706,544,997
1921.....	20,848	2,697,858,073	438,555	497,399,761	1,365,292,885	1,123,694,263	2,488,987,148
1922.....	21,016	2,667,493,290	456,256	489,397,230	1,272,651,585	1,103,266,106	2,375,917,691
1923.....	21,080	2,788,051,630	508,203	549,529,631	1,456,595,367	1,206,332,107	2,662,927,474
1924.....	20,709	2,895,317,508	487,610	534,467,675	1,422,573,946	1,075,458,459	2,570,561,931
1925 ²	20,981	3,065,730,916	522,924	569,944,442	1,571,788,252	1,167,936,726	2,81 ³ ,864,958
1926 ²	21,301	3,208,071,197	559,161	625,682,242	1,712,519,991	1,305,168,549	3,100,604,637
1927 ²	21,501	3,454,825,529	595,052	662,705,332	1,741,128,711	1,427,649,292	3,257,214,876
1928 ²	21,973	3,804,062,566	631,429	721,471,634	1,894,027,188	1,597,887,676	3,582,345,302
1929 ²	22,216	4,004,892,009	666,531	777,291,217	2,029,670,813	1,755,386,937	3,883,446,116
1930 ²	22,618	4,041,030,475	614,696	697,555,378	1,664,787,763	1,522,737,125	3,280,236,603
1931.....	23,083	3,705,701,893	528,640	587,566,990	1,221,911,982	1,252,017,248	2,555,126,448
1932.....	23,102	3,380,475,509	468,833	473,601,716	954,381,097	955,960,724	1,980,471,543
1933.....	23,780	3,279,259,838	468,658	436,247,824	967,788,928	919,671,181	1,954,075,785
1934.....	24,209	3,249,348,864	519,812	503,851,055	1,229,513,621	1,087,801,742	2,393,692,729
1935.....	24,034	3,216,403,127	556,664	559,467,777	1,419,146,217	1,153,485,104	2,653,911,209
1936.....	24,202	3,271,263,531	594,359	612,071,434	1,624,213,996	1,289,592,672	3,002,403,814
1937.....	24,834	3,465,227,831	660,451	721,727,037	2,006,926,787	1,508,924,867	3,625,459,500
1938.....	25,200	3,485,683,018	642,016	705,668,589	1,807,478,028	1,428,286,778	3,337,681,366
1939.....	24,805	3,647,024,449	658,114	737,811,153	1,836,159,375	1,531,051,901	3,474,783,528
1940.....	25,513	4,095,716,836	762,244	920,872,865	2,449,721,903	1,942,471,238	4,529,173,316
1941.....	26,293	4,905,503,966	961,178	1,264,862,643	3,296,547,019	2,605,119,788	6,076,308,124
1942.....	27,862	5,488,785,545	1,152,091	1,682,804,842	4,037,102,725	3,309,973,758	7,553,794,972
1943.....	27,652	6,317,166,727	1,241,068	1,987,292,384	4,690,493,083	3,816,413,541	8,732,860,999

¹ In accordance with a resolution passed by the Conference of British Commonwealth Statisticians, 1935, the net value of production is now computed by subtracting the cost of fuel and electricity as well as the cost of materials from the gross value of the products. The figures for 1924 and later years have, therefore, been revised in accordance with this resolution. The revision could not be carried farther back as statistics for cost of electricity are not available for years prior to 1924.

² A change in the method of computing the number of wage-earners in the years 1925 to 1930, inclusive, increased the number somewhat over that which the method otherwise used would have given. In 1931, however, the method in force prior to 1925 was re-adopted. The figures for 1931 and later years are, therefore, comparable with those for 1924 and earlier years.

2.—Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-43

Province and Year	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
Prince Edward Island—							
1917.....	411	2,008,082	1,556	663,251	3,087,621	1,750,135	4,837,756
1920.....	370	2,328,686	1,287	855,210	4,164,223	2,135,857	6,300,080
1922.....	340	2,446,574	1,086	593,660	2,620,235	1,660,282	4,280,517
1929 ²	263	2,646,354	2,074	727,286	2,862,725	1,466,446	4,408,698
1933.....	249	2,256,307	991	529,684	1,590,834	1,126,826	2,775,787
1937.....	240	2,637,472	1,062	607,547	2,386,091	1,117,298	3,566,991
1939.....	222	2,682,900	1,088	617,945	2,239,117	1,243,979	3,543,681
1940.....	210	2,940,818	1,057	645,800	2,518,233	1,270,233	3,856,544
1941.....	213	3,106,369	1,105	680,883	3,229,433	1,347,990	4,649,476
1942.....	243	3,367,368	1,261	842,061	4,789,315	1,973,540	6,855,344
1943.....	230	3,881,832	1,552	1,298,112	6,432,079	3,021,848	9,577,446
Nova Scotia—							
1917.....	1,337	124,357,851	25,252	18,838,051	102,415,215	57,565,703	159,980,918
1920.....	1,345	135,679,188	23,425	25,625,089	85,724,785	61,371,243	147,096,028
1922.....	1,092	98,117,897	13,678	11,586,235	37,980,329	27,516,271	65,496,600
1929 ²	1,064	118,951,398	19,986	16,905,885	50,725,562	35,676,421	89,787,548
1933.....	1,277	122,004,624	12,211	9,604,680	25,354,319	19,988,257	47,912,432
1937.....	1,135	94,756,601	18,088	16,727,338	46,964,053	33,146,796	83,393,656
1939.....	1,083	101,954,082	17,627	16,651,685	43,332,195	35,855,563	83,139,572
1940.....	1,155	111,652,959	21,062	21,519,617	62,160,537	46,548,446	113,814,650
1941.....	1,177	124,409,791	24,577	27,527,339	76,779,821	51,318,369	133,873,428
1942.....	1,332	152,668,789	31,318	41,273,942	85,193,680	63,615,890	155,931,264
1943.....	1,278	179,363,703	37,445	55,205,712	96,551,817	84,909,686	188,463,088
New Brunswick—							
1917.....	943	60,300,907	19,710	12,893,014	32,380,621	27,027,725	59,408,346
1920.....	901	101,216,395	19,007	19,266,821	60,812,641	45,803,164	106,615,805
1922.....	846	77,036,627	13,934	11,801,670	38,032,967	25,163,444	63,196,411
1929 ²	803	91,376,948	17,952	15,127,716	39,800,366	26,640,786	68,145,012
1933.....	747	90,148,317	11,336	9,308,100	20,442,421	18,166,713	41,345,622
1937.....	805	89,797,597	15,612	14,563,310	36,983,284	28,770,727	69,479,207
1939.....	803	91,171,323	14,501	13,659,162	35,617,614	27,041,195	66,058,151
1940.....	777	93,108,166	16,859	17,639,789	46,939,404	38,253,475	89,281,008
1941.....	791	97,952,799	19,600	21,718,407	59,234,107	47,296,960	111,433,726
1942.....	867	105,056,835	22,182	26,546,806	64,891,227	53,920,484	123,839,475
1943.....	862	111,287,910	23,225	30,451,181	76,711,513	58,956,676	140,934,879
Quebec—							
1917.....	7,032	662,012,975	188,043	141,008,616	385,212,984	380,882,409	766,095,393
1920.....	7,530	878,859,638	183,748	202,516,550	553,558,520	499,643,217	1,053,201,737
1922.....	7,190	800,859,568	143,584	139,876,821	333,298,544	346,020,126	679,318,670
1929 ²	6,948	1,246,208,650	206,580	225,226,808	537,270,055	537,796,395	1,108,592,775
1933.....	7,856	1,035,339,591	157,481	134,696,386	292,580,568	288,504,782	604,496,078
1937.....	8,518	1,117,772,721	219,033	216,971,207	562,889,160	445,885,666	1,046,470,796
1939.....	8,373	1,182,538,441	220,321	223,757,767	536,823,039	470,385,279	1,045,757,585
1940.....	8,381	1,345,927,911	252,492	277,639,876	713,132,575	595,552,909	1,357,375,776
1941.....	8,711	1,700,527,405	327,591	393,819,671	961,162,209	815,086,832	1,841,088,523
1942.....	9,349	1,883,353,668	399,017	536,329,170	1,193,445,432	1,059,873,943	2,333,303,012
1943.....	9,372	2,230,620,386	437,247	658,323,620	1,483,627,797	1,280,097,615	2,852,191,853
Ontario—							
1917.....	9,061	1,157,850,643	299,389	258,393,065	794,556,502	662,174,261	1,456,730,763
1920.....	9,113	1,464,097,346	295,674	362,941,317	1,071,843,374	792,267,562	1,864,110,936
1922.....	8,703	1,400,041,955	235,070	265,818,003	674,025,732	572,098,704	1,246,124,436
1929 ²	9,348	1,986,736,556	328,533	406,622,627	1,056,530,202	916,971,816	2,020,492,433
1933.....	9,542	1,587,947,947	224,816	220,530,088	464,544,563	465,103,842	958,776,858
1937.....	9,706	1,674,806,201	321,743	373,018,048	1,025,871,741	804,703,114	1,880,388,188
1939.....	9,824	1,762,571,669	318,671	378,376,209	907,011,461	791,428,569	1,745,674,707
1940.....	10,040	1,988,461,940	372,843	479,399,188	1,236,798,529	1,004,529,583	2,302,014,654
1941.....	10,259	2,336,788,884	468,230	660,722,278	1,683,912,216	1,360,055,750	3,121,756,568
1942.....	10,711	2,632,519,471	542,958	840,783,705	2,056,746,983	1,671,130,314	3,817,396,404
1943.....	10,587	2,994,953,988	570,017	950,399,212	2,278,871,511	1,844,651,587	4,221,101,063

¹ See footnote 1, Table 1.² See footnote 2, Table 1.

2.—Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-43

—concluded

Province and Year	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
Manitoba—							
1917.....	732	82,566,858	18,939	16,513,423	69,715,149	42,289,801	111,995,950
1920.....	747	94,424,145	23,728	32,372,081	92,729,271	62,776,912	155,506,183
1922.....	697	65,172,676	13,076	16,853,345	54,373,811	36,842,899	91,216,710
1929 ²	861	121,363,898	24,012	31,224,596	87,932,324	63,925,015	155,266,294
1933.....	1,010	100,074,404	18,871	18,687,430	44,579,998	37,390,275	83,934,777
1937.....	1,043	119,363,026	23,706	27,198,978	87,684,514	49,950,465	140,805,451
1939.....	1,087	119,659,365	23,910	28,444,798	82,408,293	48,810,544	134,293,595
1940.....	1,171	132,978,496	26,679	31,940,562	101,693,250	62,352,698	167,019,165
1941.....	1,184	163,489,471	32,262	40,894,267	132,330,823	74,451,721	211,534,751
1942.....	1,287	175,992,477	37,519	51,605,139	159,248,309	94,856,679	259,554,350
1943.....	1,245	173,752,507	37,003	53,841,825	200,464,756	99,146,670	304,867,912
Saskatchewan—							
1917.....	560	24,372,585	6,230	5,493,332	22,040,674	13,894,179	35,934,853
1920.....	554	24,640,520	6,709	9,571,175	34,894,105	22,610,861	57,504,966
1922.....	490	22,734,469	3,494	4,734,885	22,366,129	13,189,266	35,552,395
1929 ²	594	43,925,797	7,025	9,105,597	51,093,566	23,002,952	75,368,605
1933.....	673	38,688,433	4,782	4,848,763	19,124,030	11,473,634	31,559,387
1937.....	689	39,279,050	6,107	6,758,154	43,782,999	17,068,655	62,205,884
1939.....	737	37,664,095	6,475	7,346,127	38,782,135	20,283,273	60,650,589
1940.....	814	40,698,082	7,415	8,412,580	48,654,473	25,657,683	76,284,392
1941.....	945	42,158,738	8,546	9,979,974	65,836,308	28,172,441	96,023,975
1942.....	966	45,013,677	9,891	12,543,065	84,208,291	33,933,836	129,256,733
1943.....	976	60,674,093	11,683	16,445,866	111,193,185	37,895,459	152,123,330
Alberta—							
1917.....	636	49,146,241	9,461	8,662,417	42,632,212	23,883,673	68,515,885
1920.....	666	48,310,655	10,955	15,210,628	56,130,646	29,812,891	85,952,537
1922.....	556	41,154,178	6,516	8,293,572	30,189,648	18,939,659	49,129,307
1929 ²	736	81,875,952	12,216	14,585,734	62,500,175	36,824,969	100,966,196
1933.....	874	69,694,563	9,753	9,573,468	29,425,975	18,876,929	49,395,514
1937.....	895	70,804,072	12,524	13,903,062	55,898,599	28,923,095	86,225,069
1939.....	961	73,284,225	12,712	14,977,700	53,151,149	39,618,153	87,474,080
1940.....	1,068	78,440,506	14,191	16,824,993	67,420,671	37,747,215	107,313,964
1941.....	1,108	95,676,318	16,761	20,151,705	94,176,887	45,958,219	142,651,493
1942.....	1,115	101,401,133	18,397	23,992,613	117,617,500	57,479,536	178,193,011
1943.....	1,133	111,682,419	20,613	29,494,369	142,057,051	65,796,813	211,159,142
British Columbia and Yukon—							
1917.....	1,133	171,375,087	37,943	35,426,675	87,637,833	71,673,094	159,310,927
1920.....	1,306	174,110,438	34,369	49,135,095	125,405,084	104,851,641	230,256,725
1922.....	1,102	159,929,346	25,818	29,839,039	79,764,190	61,838,455	141,602,645
1929 ²	1,569	311,806,456	48,153	57,764,968	141,145,838	113,082,137	260,418,645
1933.....	1,552	293,195,652	28,417	28,469,225	70,166,220	59,034,923	133,879,330
1937.....	1,713	256,011,093	42,576	51,979,393	144,466,346	99,359,051	251,924,255
1939 ³	1,710	274,969,592	42,554	53,881,994	136,655,872	103,263,292	247,948,600
1940 ³	1,879	300,841,677	49,768	66,727,184	170,357,991	130,206,263	311,046,478
1941 ³	1,905	340,609,179	62,447	89,253,478	219,755,738	181,232,637	412,957,807
1942 ³	1,990	388,649,300	89,570	148,782,062	270,823,072	272,926,065	558,137,606
1943 ³	1,991	450,360,048	102,221	185,711,773	294,445,095	341,699,478	652,046,313
Yukon and N.W.T.—							
1939.....	5	538,847	55	97,766	138,599	92,954	242,968
1940.....	9	666,281	78	123,276	97,240	152,733	266,745
1941.....	9	785,012	59	111,641	129,477	199,863	341,377
1942.....	9	852,827	68	106,278	139,006	263,471	417,773
1943.....	8	589,841	62	129,714	138,369	237,709	395,943

¹ See footnote 1, Table 1.² See footnote 2, Table 1.³ British Columbia only.

3.—Summary Statistics of Manufactures, by Industrial Groups, Significant Years, 1917-43

Industrial Group and Year	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
Vegetable Products—							
1917.....	4,151	279,627,827	62,777	45,915,557	367,214,061	183,782,501	550,996,562
1920.....	4,549	402,383,047	74,241	77,750,189	536,828,044	239,328,371	776,156,415
1922.....	4,638	379,567,139	64,753	66,228,286	333,295,009	210,835,301	544,130,310
1929 ²	5,350	581,820,861	91,032	95,853,121	431,595,751	341,688,938	783,706,883
1933.....	5,916	522,389,736	75,416	68,535,349	226,879,373	196,820,952	432,315,617
1937.....	5,968	539,531,357	94,258	94,632,901	395,491,147	266,869,693	672,540,163
1939.....	5,872	539,446,225	99,447	104,248,785	356,726,155	292,129,840	659,624,014
1940.....	5,861	586,790,195	103,634	111,915,880	430,120,335	295,582,069	738,432,443
1941.....	5,948	634,728,760	113,753	131,066,093	532,876,217	349,912,287	897,978,448
1942.....	5,985	656,756,413	115,476	145,000,211	552,791,525	396,956,313	965,896,035
1943.....	5,913	684,292,303	117,243	157,733,379	635,042,582	410,340,183	1,062,561,932
Animal Products—							
1917.....	5,486	207,165,245	46,994	35,753,133	320,302,039	124,103,990	444,406,029
1920.....	4,823	221,792,457	48,687	54,291,606	400,496,354	152,995,130	553,491,484
1922.....	5,118	201,829,414	49,595	49,933,679	264,078,631	107,473,382	371,552,013
1929 ²	4,490	243,825,065	67,670	62,081,423	345,351,882	127,929,857	477,761,855
1933.....	4,496	201,993,642	53,111	46,453,188	179,429,948	87,629,444	271,068,210
1937.....	4,435	230,312,163	67,996	64,816,361	326,537,087	118,117,971	449,783,908
1939.....	4,362	250,335,531	69,358	68,231,871	333,647,306	122,821,410	461,983,262
1940.....	4,250	261,794,531	73,666	75,226,038	398,487,114	141,233,679	546,336,264
1941.....	4,240	303,657,373	82,131	90,185,037	534,909,242	165,416,939	708,220,447
1942.....	4,392	322,045,016	87,038	103,620,997	649,160,318	203,152,956	861,190,126
1943.....	4,380	324,811,863	88,037	114,467,581	750,435,541	211,149,715	971,190,123
Textiles and Textile Products—							
1917.....	1,067	191,338,745	76,978	47,764,436	131,225,632	109,904,530	241,129,562
1920.....	1,304	302,758,185	87,730	84,433,609	256,233,300	173,741,035	429,974,335
1922.....	1,089	259,324,870	80,558	69,685,529	151,333,320	142,577,057	293,910,377
1929 ²	1,534	360,762,584	103,881	94,969,433	217,954,088	180,469,064	403,205,809
1933.....	1,740	298,730,436	95,707	72,813,424	143,184,861	131,065,992	279,475,267
1937.....	1,941	322,204,180	121,677	105,056,051	219,813,775	174,076,945	400,383,726
1939.....	1,930	347,248,927	121,022	107,117,035	203,618,197	181,927,898	392,657,759
1940.....	1,958	394,493,058	138,973	133,136,316	298,656,288	240,338,903	547,451,110
1941.....	2,104	439,078,775	156,892	159,339,028	367,149,392	290,105,448	666,438,539
1942.....	2,369	464,161,573	165,478	185,731,313	441,718,052	341,475,081	793,304,750
1943.....	2,384	455,056,029	157,987	191,305,628	446,136,675	334,242,717	790,659,927
Wood and Paper Products—							
1917.....	7,263	536,320,247	152,277	113,359,997	148,277,935	245,372,487	393,650,422
1920.....	7,881	774,937,232	144,391	172,368,578	309,813,724	417,256,115	727,069,839
1922.....	6,966	761,020,831	118,364	132,092,249	206,860,089	283,006,200	489,866,289
1929 ²	7,392	1,151,463,962	164,572	192,088,948	313,797,201	381,485,477	724,972,308
1933.....	7,891	892,652,622	105,080	102,218,652	134,663,641	184,233,540	341,336,701
1937.....	8,497	927,070,757	147,254	165,298,485	256,269,941	306,961,553	597,061,878
1939.....	8,538	960,804,672	144,782	165,287,455	246,292,820	303,662,441	579,892,183
1940.....	9,276	1,021,849,742	160,868	193,765,595	315,995,317	396,891,501	750,631,337
1941.....	9,420	1,086,022,546	179,967	227,821,739	386,999,813	463,967,834	892,936,114
1942.....	10,222	1,080,457,129	186,106	252,179,776	428,526,286	488,433,355	961,842,906
1943.....	9,974	1,103,984,216	189,865	264,844,792	447,399,954	508,835,982	1,001,563,243
Iron and Its Products							
1917.....	1,495	695,677,552	161,745	161,875,424	378,193,116	371,792,489	749,985,605
1920.....	1,789	726,371,335	164,087	231,595,911	377,499,134	411,875,057	789,374,191
1922.....	1,083	567,011,222	78,565	95,443,053	171,529,909	170,769,391	342,299,300
1929 ²	1,224	826,063,942	142,772	203,740,658	405,818,468	367,465,582	790,726,338
1933.....	1,334	614,632,403	73,348	72,296,179	98,793,191	109,198,169	216,828,992
1937.....	1,345	651,398,528	127,148	163,261,130	328,091,063	280,155,582	624,819,877
1939.....	1,394	697,893,720	121,041	158,559,728	262,292,781	275,774,796	553,486,880
1940.....	1,433	837,382,032	164,325	242,737,569	454,479,763	429,461,950	906,103,055
1941.....	1,759	1,138,701,669	253,701	408,064,135	715,595,982	735,511,841	1,483,169,765
1942.....	1,931	1,446,215,017	360,845	639,330,901	985,960,237	1,084,424,334	2,112,822,237
1943.....	2,044	1,852,506,052	435,744	833,383,684	1,131,858,008	1,396,768,112	2,575,976,547

¹ See footnote 1, Table 1.² See footnote 2, Table 1.

3.—Summary Statistics of Manufactures, by Industrial Groups, Significant Years, 1917-43—concluded

Industrial Group and Year	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
Non-Ferrous Metal Products—							
1917.....	296	69,421,911	18,220	15,898,890	46,445,469	41,039,351	87,484,820
1920.....	324	109,382,033	23,162	27,895,343	48,434,120	52,847,178	101,281,298
1922.....	325	102,208,275	18,222	21,451,629	30,861,895	39,993,798	70,855,693
1929 ²	408	298,721,106	39,867	54,501,806	124,900,632	150,415,215	283,545,666
1933.....	478	266,266,443	25,273	28,099,026	71,990,608	88,427,984	164,765,604
1937.....	526	306,522,643	44,614	57,722,728	282,532,128	182,968,223	482,440,562
1939.....	526	346,489,890	44,563	59,684,858	242,063,177	155,908,806	416,060,459
1940.....	545	425,766,853	54,317	75,655,811	307,808,225	210,352,784	540,781,367
1941.....	579	545,862,427	73,450	108,895,000	406,132,161	288,823,325	726,348,447
1942.....	596	612,513,064	90,937	146,690,366	505,122,844	355,005,408	901,569,437
1943.....	597	674,802,402	109,522	186,874,396	615,283,895	369,005,912	1,034,390,379
Non-Metallic Mineral Products—							
1917.....	1,075	145,423,082	20,795	18,224,724	36,994,392	58,092,396	95,086,788
1920.....	846	215,281,921	25,500	32,351,764	69,856,558	80,205,472	150,062,030
1922.....	812	230,486,004	20,932	25,401,278	60,671,305	74,022,607	134,603,912
1929 ²	843	316,692,818	29,257	38,958,390	112,573,103	99,065,847	229,774,300
1933.....	770	295,139,543	16,975	19,282,401	69,077,701	52,817,078	131,325,706
1937.....	823	287,473,542	23,837	30,389,958	115,938,578	77,667,225	208,205,148
1939.....	809	290,865,285	23,026	30,067,934	107,979,292	85,511,631	208,166,781
1940.....	804	309,092,155	25,415	34,897,235	139,312,380	97,693,069	255,624,328
1941.....	773	325,032,038	28,829	42,376,214	183,140,990	117,425,887	324,289,898
1942.....	782	329,401,312	30,707	48,702,880	191,143,787	141,216,996	358,075,414
1943.....	747	351,164,254	30,994	53,282,340	215,139,225	146,460,170	388,713,942
Chemicals and Allied Products—							
1917.....	539	175,836,690	56,153	51,505,484	99,068,092	131,381,995	230,450,087
1920.....	464	122,123,730	17,653	22,193,421	62,644,608	65,183,212	127,827,820
1922.....	469	118,025,483	14,082	16,770,503	37,650,061	48,981,277	86,631,338
1929 ²	554	165,886,912	16,694	22,639,449	55,184,337	78,785,911	138,545,221
1933.....	696	153,900,930	15,397	18,738,629	34,271,854	55,394,284	92,820,761
1937.....	754	161,165,068	21,968	28,612,719	64,460,947	79,290,240	148,973,220
1939.....	808	172,459,365	22,595	31,567,558	65,230,839	89,046,832	159,536,984
1940.....	804	213,610,510	27,682	38,640,990	82,534,474	104,121,900	193,890,338
1941.....	849	358,429,529	54,014	75,634,741	134,924,947	157,304,350	304,400,569
1942.....	928	471,679,779	93,030	134,345,942	233,386,894	252,380,766	501,656,123
1943.....	945	759,864,951	92,288	146,677,194	368,111,343	379,453,873	765,217,897
Misc. Industries—							
1917.....	473	33,179,930	10,584	7,504,199	11,958,675	15,662,241	27,620,916
1920.....	552	48,637,071	13,442	14,613,455	23,465,807	27,841,778	51,307,585
1922.....	516	48,020,052	11,185	12,391,024	16,371,366	25,607,093	41,978,459
1929 ²	421	59,654,759	10,786	12,457,989	22,495,351	28,081,046	51,207,736
1933.....	459	33,554,083	8,351	7,810,976	9,497,751	14,083,738	24,138,927
1937.....	545	39,549,593	11,699	11,936,704	17,792,121	22,807,435	41,251,081
1939.....	566	41,480,534	12,280	13,045,929	18,308,810	24,368,247	43,393,206
1940.....	582	44,937,760	13,364	14,897,461	22,328,007	26,795,583	49,923,074
1941.....	621	73,990,849	18,441	21,480,656	34,818,275	36,651,877	72,525,897
1942.....	657	105,556,242	22,474	27,202,456	49,292,782	46,918,549	97,437,944
1943.....	668	110,684,657	25,388	38,723,390	81,085,860	60,156,877	142,587,014

¹ See footnote 1, Table 1.² See footnote 2, Table 1.

Summary Statistics of Manufactures.—The figures in Table 4 trace the tendencies in Canadian manufacturing industries as clearly as possible through the latest period of their development. In analysing statistics of production and materials used, it should be borne in mind that, due to the inflation of values from 1914 through the immediate post-war period and the drop in prices of commodities during the depressions following 1921 and 1930, the figures for these periods are not completely comparable. One very important figure, however, which shows the trend of development clearly, is concerned with the use of power. The total horse-power employed increased from 1,658,475 in 1917 to 6,415,851 in 1943, an increase of about 287 p.c. in 26 years. In the same period, horse-power per wage-earner showed an interrupted trend from 3.06 to 10.82 in 1933 and 9.46 in 1939. With the large increase in the number of wage-earners on war production, and the more efficient utilization of the equipment available, the horse-power per wage-earner dropped to 6.12 in 1943. The significant feature is the increase in both the absolute figures of power employed and the averages per wage-earner during the depression years as compared with 1929, although the large numbers of persons again finding employment since 1933 reduced the averages for the years 1934 to 1937 and again for 1940 to 1943. Other interesting comparisons are the trend of value added by manufacture, per employee, and of average salaries and wages paid since 1929.

Consumption of Manufactured Products.—One of the beneficial results of adopting the same classification for external trade and for production is exhibited in Table 5, where the value of commodities made available for consumption in Canada is derived from these statistics. For example, the value of all manufactured commodities made available in 1943 was \$7,594,000,000, a figure obtained by adding to the value of manufactured products the value of the imports of manufactured and partly manufactured goods and deducting the value of the exports.

In past years there have always been large amounts of manufactured animal, wood and non-ferrous metal products available for consumption in Canada with considerable surplus left for export. With the commencement of the War, however, it was necessary to export more and more of such goods to the United Kingdom, and while this was done mainly by increasing production, Government control of consumption at home grew stronger as the War advanced. In the case of manufactured vegetable products, the figures for 1943 showed large excesses of exports over imports for such products as cereal foods (including flour), canned and dehydrated vegetables, etc. Excesses of imports were chiefly confined to cocoa, tea, coffee and preserved fruits and fruit juices, in which cases domestic production cannot be substituted.

On balance, Canada, in the past, imported large quantities of iron and steel, textile and non-metallic mineral products in spite of large home production. The urgent requirements for munitions of war brought about an expansion of the iron and steel, chemical and non-ferrous metals industries that will enable Canada to meet most requirements for home consumption in the future as these industries are adjusted for peacetime needs.

4—Summary Statistics of Manufactures, Significant Years, 1917-43

Item	1917	1920	1929 ¹	1933	1937	1939	1942	1943
Establishments.....No.	21,845	22,532	22,216	23,780	24,834	24,805	27,892	27,652
Capital.....\$	2,333,991,229	2,923,667,011	4,004,892,009	3,279,259,838	3,465,227,831	3,647,024,449	5,438,765,545	6,317,727,767
Averages, per establishment.....\$	106,843	129,756	180,271	137,900	139,556	147,028	196,999	228,452
Averages, per employee.....\$	3,848	4,882	6,009	6,997	6,247	5,542	4,764	5,090
Averages, per wage-earner.....\$	4,309	5,616	6,933	8,584	6,363	6,838	5,629	6,029
Totals, employees.....No.	606,523	598,893	666,531	468,658	660,451	658,114	1,152,091	1,241,068
Averages, per establishment.....\$	27.8	26.6	30.0	19.7	26.6	26.5	41.4	44.9
Totals, salaries and wages.....\$	497,801,844	717,493,876	777,291,217	436,247,824	721,727,037	737,811,153	1,082,804,842	1,937,292,384
Averages, per establishment.....\$	22,788	31,843	34,988	18,345	29,062	29,744	60,398	71,868
Averages, per employee.....\$	1,981	1,198	1,166	1,063	1,093	1,121	1,461	1,601
Employees on salaries.....No.	64,918	78,334	88,841	86,636	115,827	124,772	177,187	193,195
Averages, per establishment.....\$	3.0	3.5	4.0	3.6	4.7	5.0	6.4	7.0
Salaries.....\$	85,353,667	141,837,361	175,553,710	139,317,946	195,983,475	217,839,334	334,870,793	388,857,505
Averages, per salaried employee.....\$	1,315	1,811	1,976	1,608	1,692	1,746	1,890	2,013
Employees on wages.....No.	541,605	520,559	577,690	382,022	544,624	533,342	974,904	1,047,873
Averages, per establishment.....\$	24.8	23.1	26.0	16.1	21.9	21.5	35.0	37.9
Wages.....\$	412,448,177	575,656,515	601,737,507	296,029,878	525,743,562	519,971,819	1,347,934,049	1,598,434,879
Averages, per wage-earner.....\$	1,539,678,811	2,085,276,649	2,029,670,813	967,788,628	2,006,026,787	1,836,159,375	4,037,102,725	4,690,468,083
Cost of materials.....\$	70,482	92,947	91,861	40,698	80,814	74,024	144,896	169,626
Averages, per establishment.....\$	3,482	4,151	4,142	1,814	3,039	2,790	3,574	3,779
Values added in manufacture ¹\$	1,281,131,980	1,621,273,348	1,755,386,937	919,671,181	1,508,024,867	1,531,051,901	3,309,973,758	3,816,413,541
Averages, per establishment ²\$	58,646	71,654	79,015	38,674	60,760	61,226	118,799	138,016
Averages, per employee.....\$	2,112	2,707	2,634	1,962	2,285	2,326	2,873	3,075
Gross value of products.....\$	2,820,810,791	3,706,544,997	3,883,446,116	1,954,075,785	3,625,459,540	3,474,783,528	7,553,794,972	8,732,860,999
Averages, per establishment.....\$	129,128	164,571	174,804	82,173	145,988	140,084	271,115	315,813
Averages, per employee.....\$	4,651	6,189	5,826	4,170	5,489	5,280	6,557	7,037
Power employed.....h.p.	1,658,475	2,068,875	3,555,048	4,135,008	4,712,283	5,045,287	6,002,020	6,415,851
Averages, per establishment.....“	76	92	174	174	203	218	232	232
Averages, per wage-earner.....“	3.06	3.97	6.67	10.82	8.65	9.46	6.22	6.12

¹ A change in the method of computing the number of wage-earners in the years 1925 to 1930, inclusive, increased the number somewhat over that which the method otherwise used would have given. There was, therefore, a proportionate reduction in the averages for 1925-30 per employee and wage-earner, as compared with what these averages would have been under the other method. In 1931, however, the method in force prior to 1925 was re-adopted. The figures for 1931 and later years are, therefore, comparable with those for 1924 and earlier years.

² Net values of products; see footnote 1, Table 1.

5.—Consumption of Manufactured Products, 1928-43

Year	Value of Products Manufactured	Manufactured and Partly Manufactured Goods ¹		Value of Manufactured Products Available for Consumption
		Value of Net Imports	Value of Domestic Exports	
	\$	\$	\$	\$
1928.....	3,582,345,302	954,387,551	698,376,615	3,838,356,238
1929.....	3,883,446,116	939,130,201	686,876,071	4,135,700,246
1930.....	3,280,236,603	675,828,233	490,108,470	3,465,956,366
1931.....	2,555,126,448	423,519,849	347,456,198	2,631,190,099
1932.....	1,980,471,543	281,855,757	267,765,614	1,994,561,686
1933.....	1,954,075,785	298,068,344	365,232,113	1,886,912,016
1934.....	2,393,692,729	357,320,284	419,094,297	2,331,918,716
1935.....	2,653,911,209	385,597,041	582,041,141	2,457,467,109
1936.....	3,002,403,814	468,455,981	676,890,803	2,793,968,992
1937.....	3,625,459,500	566,876,483	781,099,407	3,411,236,576
1938.....	3,337,681,366	472,193,253	587,758,795	3,222,115,824
1939.....	3,474,783,528	542,364,930	646,853,938	3,370,294,520
1940.....	4,529,173,316	807,636,948	913,049,979	4,423,760,285
1941.....	6,076,308,124	1,123,994,913	1,292,855,603	5,907,447,434
1942.....	7,553,794,972	1,283,884,068	2,056,368,079	6,781,310,961
1943.....	8,732,860,999	1,305,838,746	2,444,862,298	7,593,837,447

¹ Imports and exports of manufactured and partly manufactured goods for the years 1928 to 1938 are for the fiscal years ended Mar. 31 of the following years, while for 1939 to 1943 they are for the calendar year. Net imports are total imports less foreign products re-exported.

Section 2.—Value and Volume of Manufactured Products

Value of Manufactured Products.—In the interpretation of manufacturing values over a number of years, variations in the level of prices must be borne in mind, especially when such variations have been as great as those in the period since the annual Census of Manufactures was begun in 1917. The index number of wholesale prices in Canada, on the 1926 base, compiled by the Dominion Bureau of Statistics, stood at 114·3 in 1917, 155·9 in 1920, 97·3 in 1922, 95·6 in 1929, 67·1 in 1933, 84·6 in 1937, 75·3 in 1939 and 100·0 p.c. in 1943. Index numbers of the prices of fully or chiefly manufactured goods were: 113·5 in 1917, 156·5 in 1920, 100·4 in 1922, 93·0 in 1929, 70·2 in 1933, 80·5 in 1937, 75·3 in 1939 and 93·1 p.c. in 1943.

Volume of Manufacturing Production.—Since real income is ultimately measured in goods and services, the growth of the volume of manufacturing production, as distinguished from its value, becomes a matter of great significance. The important thing to know is whether consumers are getting more goods and services, not whether they are expending more dollars and cents.

The index of volume (Table 6) is based on the quantities of manufactured products reported. The industry indexes are weighted according to the values added by manufacture. The indexes for the years 1923-31 are based on the values added in

1926. The weights and products were changed in 1931, 1936 and then again in 1941. By changing the weights and products used in the construction of the index every five years, current changes in production are thereby reflected more accurately.

The physical volume of manufacturing production increased 50·2 p.c. from 1923 to 1929. When it is recalled that the population of Canada is estimated to have increased only 11·1 p.c. during the same period, the growth of manufacturing production is indeed remarkable. Of this advance, the part resulting from an increase in the domestic demand due to growth of population would therefore be about 11·1 p.c. Exports of partly and fully manufactured goods increased from \$591,830,000 in the fiscal year ended Mar. 31, 1924, to \$686,876,000 in the fiscal year 1930, the increase in exports representing about 3·6 p.c. of the 1923 production. The remainder of the increase in production by 1929, or a margin equal to roughly 35 p.c. of the volume of manufactures of 1923, was, therefore, apparently absorbed by increases in capital equipment and by the rise in the standard of living of the population of Canada.

A similar analysis of the volume of manufactures since 1929 in relation to population and exports would show that the decline in the depression preceding the Second World War was due chiefly to reduced exports and a cessation in production of capital equipment. As a result of the expansion in production resulting from the demands created by the War, the physical volume of production in 1943 increased by 76·6 p.c. since 1939 and by 85·1 p.c. since 1929. The chemical and allied products group, with an increase of 262·5 p.c., reported the greatest expansion in output since 1939. This was followed by the iron and its products group with an increase of 222·2 p.c., non-ferrous metal products 129·9 p.c., miscellaneous industries 68·0 p.c., non-metallic mineral products 55·6 p.c., animal products 40·4 p.c., textiles and textile products 33·7 p.c., vegetable products 24·6 p.c., and wood and paper products 21·4 p.c. There was also an increase in the volume of consumer goods. As was to be expected, the increase was not so great as that for the output of equipment and supplies needed by the Armed Forces. Drink and tobacco increased by 50·5 p.c., food 26·8 p.c., and clothing 24·7 p.c.

6.—Indexes of the Volume of Manufacturing Production, According to Component Material and Purpose Classifications, Significant Years, 1923-43

(1935-39=100)

Group and Classification	1923	1929	1933	1939	1941	1942	1943
Component Material Classification—							
Vegetable products.....	63·6	98·7	73·8	109·0	137·2	136·3	135·8
Animal products.....	75·0	87·9	79·6	107·2	138·2	145·2	150·5
Textiles and textile products.....	64·3	86·1	81·1	104·9	143·1	152·3	140·2
Wood and paper products.....	65·0	99·4	69·6	104·4	131·3	131·2	126·7
Iron and its products.....	81·5	128·5	50·0	101·9	217·1	289·3	328·3
Non-ferrous metal products.....	42·7	81·3	57·6	111·1	165·4	213·7	255·4
Non-metallic mineral products.....	76·4	124·6	66·8	105·1	148·3	157·6	163·5
Chemicals and allied products.....	59·2	84·8	69·9	108·9	219·6	369·6	394·8
Miscellaneous industries.....	89·9	123·5	66·1	110·7	157·4	180·2	186·0
Totals, All Industries.....	67·5	101·4	67·7	106·3	155·9	179·9	187·7
Purpose Classification—							
Food.....	73·7	89·4	79·9	107·0	131·7	130·7	135·7
Clothing.....	69·2	95·8	81·7	108·2	136·0	142·7	134·9
Drink and tobacco.....	50·1	92·6	63·4	111·6	149·5	171·1	167·9
Personal utilities.....	85·1	101·5	70·7	108·5	140·0	144·6	141·7
House furnishings.....	62·1	108·3	68·7	106·5	140·4	149·5	149·7
Books and stationery.....	56·1	79·3	73·5	104·7	112·8	106·7	107·2
Producers materials.....	69·3	101·8	63·6	106·9	151·1	172·3	172·7
Industrial equipment.....	64·3	109·2	59·2	105·1	184·9	222·8	257·0
Vehicles and vessels.....	77·4	142·6	57·7	97·4	230·8	310·2	373·0
Miscellaneous.....	45·0	66·2	59·9	115·5	230·8	430·9	405·1

7.—Indexes of the Volume of Manufacturing Production for the Groups of the Purpose Classification, Significant Years, 1923-43

(1935-39=100)

Group and Classification	1923	1929	1933	1939	1941	1942	1943
Food	73.7	89.4	79.9	107.0	131.7	139.7	135.7
Breadstuffs.....	81.0	98.7	84.3	106.9	128.3	130.9	138.7
Fish.....	108.5	114.1	86.7	98.8	164.0	145.4	131.9
Fruit and vegetable preparations.....	32.9	70.8	64.5	109.9	136.8	123.0	107.0
Meats.....	72.7	78.5	76.2	106.0	143.4	153.1	165.3
Milk products.....	69.8	77.2	78.7	107.3	125.4	136.5	145.5
Oils and fats.....	52.0	40.9	41.9	156.4	243.0	296.4	314.0
Sugar.....	79.2	88.5	82.5	109.4	115.7	76.9	83.3
Infusions.....	64.4	75.0	82.5	105.8	111.5	145.3	156.2
Miscellaneous.....	46.5	67.4	66.5	110.4	143.8		
Clothing	69.2	95.8	81.7	108.2	136.0	142.7	134.9
Boots and shoes.....	73.0	100.6	80.0	113.4	115.5	114.1	107.9
Fur goods.....	41.1	97.6	81.0	118.3	154.4	157.5	169.7
Garments and personal furnishings.....	75.3	94.2	80.2	103.1	148.7	166.5	153.9
Gloves and mittens.....	59.2	84.0	76.4	100.4	148.3	166.4	167.1
Hats and caps.....	58.6	95.3	74.3	104.5	131.8	133.8	130.9
Knitted goods.....	64.8	86.1	83.1	112.4	128.1	124.0	118.2
Waterproofs.....	48.9	89.8	65.7	100.4	309.4	329.2	250.0
Drink and Tobacco	50.1	92.6	63.4	111.6	149.5	171.1	167.9
Beverages, alcoholic.....	49.5	105.9	60.5	102.8	147.6	179.2	165.8
Beverages, non-alcoholic.....	35.9	61.3	54.9	136.4	183.9	179.9	178.6
Tobacco.....	55.3	90.7	77.1	111.3	134.4	162.7	170.6
Personal Utilities	85.1	101.5	70.7	108.5	140.0	144.6	141.7
Jewellery and time-pieces.....	78.4	88.5	67.7	108.1	155.9	161.8	140.0
Recreational supplies.....	193.3	176.7	48.2	114.1	124.7	131.8	152.4
Personal utilities.....	56.1	79.8	78.1	107.5	135.9	139.6	142.6
House Furnishings	62.1	108.3	68.7	106.5	140.4	149.5	149.7
Books and Stationery	56.1	79.3	73.5	104.7	112.8	106.7	107.2
Producers Materials	69.3	101.8	63.6	106.9	151.1	172.3	172.7
Farm materials (fertilizers).....	8.0	13.4	51.7	124.8	122.1	159.2	204.5
Manufacturers materials.....	58.7	88.1	64.4	105.6	148.7	167.8	169.1
Building materials.....	109.3	152.9	58.8	111.2	160.9	167.1	154.8
General materials.....	86.0	120.3	69.3	108.5	171.3	183.7	190.0
Industrial Equipment	64.3	109.2	59.2	195.1	184.9	222.8	257.0
Farming equipment.....	97.7	144.7	43.3	85.1	152.8	206.6	240.7
Manufacturing equipment.....	66.5	101.3	44.9	107.6	241.0	284.3	293.5
Trading equipment.....	55.2	77.2	80.0	107.7	126.8	Nil	Nil
Service equipment.....	67.7	75.8	72.5	100.4	127.1	166.2	317.8
Light, heat and power equipment.....	46.6	104.8	61.7	105.0	169.8	196.6	220.7
General equipment.....	74.2	114.4	58.5	106.4	212.2	260.5	292.8
Vehicles and Vessels	77.4	142.6	57.7	97.4	230.8	310.2	373.0
Miscellaneous	45.0	66.2	59.9	115.5	230.8	430.9	405.1
Totals, All Manufactures	67.5	101.4	67.7	106.3	155.9	179.9	187.7

Section 3.—Production by Industrial Groups and Individual Industries.

For the purposes of the Census of Manufactures, the main detailed analysis is made under a classification in which industries are grouped according to the chief component materials of the goods manufactured. This is, therefore, the grouping used in Table 9, where the statistics of individual industries are presented in detail, and in the historical series shown in Table 3. However, there are also less detailed analyses under purpose groupings given in Table 10 and under origin groupings in Table 12.

Subsection 1.—Manufactures Grouped by Chief Component Materials

A classification based on the chief component materials in the various products of each manufacturing establishment was applied for the first time in the compilation of the returns for 1920. The number of groups was reduced from fifteen to nine to correspond with the external trade classification and the classes of industry were somewhat altered to conform with recent industrial developments. Subsequently, a number of minor changes were made, the most important being the elimination of central electric stations and the dyeing, cleaning and laundry industry from the compilation in 1936. Revisions due to these changes have been carried back to 1917 in so far as possible.

Recent Changes in Manufacturing Production.—Table 8 shows the effects of the depression, the recovery since 1933, and the impact of the Second World War upon the main groups of industries with regard to the numbers employed, the salaries and wages paid, and the gross value of products. Owing to the price decline during the depression, money values of both wages and products were naturally affected more than number of employees. Furthermore, during periods of curtailed production there is a tendency for wage-earners to be put on part time, while the number of salaried employees responds less quickly to reduction in output than that of wage-earners. Therefore, there are several reasons why the variation in number of employees should be less than that of money values. The figures of Table 8 are to be compared with those of Table 6 which show changes in volume of production. Compared with 1939, the number of employees in 1943 increased by 88.6 p.c. as compared with an increase of 76.6 p.c. in the physical volume of production. Salaries and wages paid were 169.3 p.c. higher and the gross value of production 151.3 p.c. higher. Another significant change is the increase in the proportion of women engaged in manufacturing. Whereas in 1939, there were 281 females to every 1,000 males employed, in 1943 this figure jumped to 392.

8.—Percentage Variation in Employment, Salaries and Wages, and Gross Value of Products in the Main Industrial Groups Compared for Significant Years, 1929-43

NOTE.—The highest pre-depression year was 1929, while the lowest depression year was 1933.

Industrial Group	1933 Compared with 1929			1939 Compared with 1929			1943 Compared with 1939		
	Em- ployees	Salaries and Wages	Gross Value of Pro- ducts	Em- ployees	Salaries and Wages	Gross Value of Pro- ducts	Em- ployees	Salaries and Wages	Gross Value of Pro- ducts
Vegetable products.....	-17.2	-28.5	-44.8	+ 9.2	+ 8.8	-15.8	+17.9	+ 51.3	+ 61.1
Animal products.....	-21.5	-25.2	-43.3	+ 2.5	+ 9.9	- 3.3	+ 26.9	+ 67.8	+110.2
Textile products.....	- 7.9	-23.3	-30.7	+16.5	+12.8	- 2.6	+ 30.5	+ 78.6	+101.4
Wood and paper products..	-36.1	-46.8	-52.9	-12.0	-14.0	-20.0	+ 27.0	+ 60.2	+ 72.7
Iron and its products.....	-48.6	-64.5	-72.6	-15.2	-22.2	-30.0	+260.0	+425.6	+365.4
Non-ferrous metals.....	-36.6	-48.4	-41.9	+11.8	+ 9.5	+46.7	+145.8	+213.1	+148.6
Non-metallic minerals....	-42.0	-50.5	-42.8	-21.3	-22.8	- 9.4	+ 34.6	+ 77.2	+ 86.7
Chemicals.....	- 7.8	-17.2	-33.0	+35.3	+39.4	+15.2	+308.4	+364.6	+379.6
Miscellaneous products....	-22.6	-37.3	-52.9	+13.9	+ 4.7	-15.3	+106.7	+196.8	+228.6
Averages, All Industries.	-29.7	-43.9	-49.7	- 1.3	- 5.1	-10.5	+ 88.6	+169.3	+151.3

Detailed Statistics by Groups and Individual Industries.—Table 9 presents for the year 1943 detailed statistics regarding the individual industries under which all industrial plants in the Dominion are classified. The industries are further assembled under nine main groups according to the principal component material of their products.

The incidence of the War resulted in a rearrangement in the rank of many industries. Industries producing supplies and equipment for the Armed Forces naturally advanced while those industries producing for the domestic consumer market declined in importance. To supply the raw materials needed by the industries engaged principally in war production, it became necessary to restrict or prohibit the manufacture of many products such as pleasure cars, radios, washing

(Concluded on page 24)

9.—Statistics of the Numbers, Capital, Employees, Salaries and Wages, Power, Fuel,

Industry and Group		Establishments	Capital Employed	Employees on Salaries		
				Male	Female	Salaries
		No.	\$	No.	No.	\$
PROVINCE						
1	Prince Edward Island.....	230	3,881,832	271	68	307,549
2	Nova Scotia.....	1,278	179,363,703	2,972	1,109	6,625,069
3	New Brunswick.....	862	111,287,910	2,380	867	5,664,351
4	Quebec.....	9,372	2,230,620,386	43,885	18,757	124,885,674
5	Ontario.....	10,587	2,994,953,988	60,493	35,552	202,362,514
6	Manitoba.....	1,245	173,752,507	4,408	1,878	11,760,728
7	Saskatchewan.....	976	60,674,093	2,196	803	4,474,979
8	Alberta.....	1,133	111,682,419	3,018	1,181	6,935,127
9	British Columbia.....	1,961	450,360,048	9,039	4,301	25,812,131
10	Yukon and Northwest Territories.....	8	589,841	17	.....	29,383
Totals.....		27,652	6,317,166,727	128,679	64,516	388,857,505
INDUSTRIAL GROUP						
1	Vegetable products.....	5,913	684,292,303	17,007	7,262	46,834,790
2	Animal products.....	4,380	324,811,863	12,564	4,629	29,678,029
3	Textiles and textile products.....	2,384	455,056,029	11,987	6,888	43,890,793
4	Wood and paper products.....	9,974	1,103,984,216	26,767	9,768	68,036,425
5	Iron and its products.....	2,044	1,852,506,052	31,852	19,312	105,475,801
6	Non-ferrous metal products.....	597	674,802,402	10,521	6,178	36,085,180
7	Non-metallic mineral products.....	747	351,164,254	3,781	1,583	11,927,013
8	Chemicals and allied products.....	945	759,864,951	10,430	6,722	35,091,843
9	Miscellaneous industries.....	668	110,684,657	3,770	2,174	11,837,721
1.—Vegetable Products—						
1	Aerated and mineral waters.....	455	23,593,578	1,091	397	2,956,464
2	Biscuits, confectionery, cocoa, etc.....	211	45,319,223	1,950	787	6,050,742
3	Bread and other bakery products.....	2,996	57,067,417	3,211	1,166	6,153,520
4	Breweries.....	61	71,607,123	1,420	274	4,594,285
5	Distilleries.....	16	46,505,176	448	208	1,637,890
6	Flour and feed mills.....	1,131	70,869,815	1,725	493	3,375,757
7	Foods, breakfast.....	34	7,145,901	134	69	392,104
8	Foods, stock and poultry.....	138	15,522,877	506	229	1,344,962
9	Foods, miscellaneous.....	259	38,991,544	1,382	624	4,071,424
10	Fruit and vegetable preparations.....	382	60,753,837	1,155	630	3,158,358
11	Ice cream cones.....	6	683,678	13	12	35,717
12	Macaroni, vermicelli, etc.....	16	2,955,709	59	27	155,614
13	Malt and malt products.....	11	11,191,838	60	28	237,013
14	Rubber goods, including rubber footwear.....	51	73,550,768	1,754	1,009	5,772,177
15	Starch and glucose.....	8	6,835,054	120	79	463,253
16	Sugar refineries.....	10	44,144,876	305	119	1,185,276
17	Tobacco, cigars and cigarettes.....	70	78,331,842	1,337	989	4,097,173
18	Tobacco processing.....	15	13,891,592	159	35	483,558
19	Vegetable oil mills.....	11	4,249,673	47	30	154,992
20	Wine.....	30	8,997,862	116	52	450,310
21	All other industries.....	2	2,082,920	15	5	64,111
Totals, Vegetable Products.....		5,913	684,292,303	17,007	7,262	46,834,790
2.—Animal Products—						
1	Animal oils and fats.....	8	396,162	21	8	56,986
2	Belting, leather.....	17	1,538,450	63	30	210,679
3	Boot and shoe findings, leather.....	20	1,659,158	56	20	177,726
4	Boots and shoes, leather.....	222	34,873,991	1,601	609	4,839,365
5	Butter and cheese.....	2,314	72,237,363	4,393	1,427	7,091,185
6	Cheese, processed.....	22	5,012,787	115	78	306,152
7	Condensed milk.....	26	7,134,362	171	87	452,994
8	Dairy products, other.....	86	3,487,971	140	59	320,967
9	Fish curing and packing.....	523	30,741,194	874	196	1,552,071
10	Fur dressing and dyeing.....	16	2,045,693	126	41	378,824
11	Fur goods.....	495	21,722,623	958	377	2,570,989
12	Gloves and mittens, leather.....	65	3,563,928	198	80	473,534
13	Hair goods, animal and human.....	15	386,837	21	10	75,160
14	Leather tanneries.....	78	26,093,568	361	131	1,444,218
15	Miscellaneous leather goods.....	244	9,397,166	638	222	1,538,862
16	Sausage and sausage casings.....	76	1,572,082	114	29	199,331
17	Slaughtering and meat packing.....	153	102,948,528	2,714	1,225	7,988,986
Totals, Animal Products.....		4,380	324,811,863	12,564	4,629	29,678,029

Materials, and Values of Products of Canadian Manufacturing Industries, 1943

Employees on Wages			Power, Installed h.p.	Cost of Fuel and Electricity \$	Cost of Materials \$	Value of Products		
Male	Female	Wages				Net	Gross	
No.	No.	\$				\$	\$	
815	398	990,563	4,559	123,519	6,432,079	3,021,848	9,577,446	1
28,033	5,331	48,580,643	195,706	7,001,585	96,551,817	84,909,686	188,463,088	2
16,029	3,949	24,786,830	249,785	5,266,690	76,711,513	58,956,676	140,934,879	3
262,141	112,464	533,437,946	2,239,564	88,466,441	1,483,627,797	1,280,097,615	2,852,191,853	4
337,710	136,262	754,036,698	2,671,084	97,577,966	2,278,871,511	1,844,651,587	4,221,101,063	5
22,940	7,777	42,081,097	165,924	5,256,485	200,464,756	99,146,670	304,867,912	6
7,114	1,570	11,970,887	78,208	3,034,716	111,193,185	37,895,459	152,123,360	7
13,007	3,407	22,559,242	138,842	3,305,278	142,057,051	65,796,813	211,159,142	8
75,022	13,859	159,899,642	672,023	15,901,830	294,445,005	341,699,478	652,046,313	9
43	2	91,331	156	19,865	138,369	237,709	395,943	10
762,854	285,019	1,598,434,879	6,415,851	225,954,375	4,690,493,083	3,816,413,541	8,732,860,999	
57,854	35,120	110,898,679	414,953	17,179,167	635,042,582	410,340,183	1,062,561,932	1
49,415	21,429	84,789,552	179,322	9,604,872	750,435,541	211,149,715	971,190,128	2
52,733	86,379	147,414,835	266,834	10,280,535	446,136,675	334,242,717	790,659,927	3
124,277	23,053	196,808,367	2,766,491	45,327,307	447,399,954	508,835,982	1,001,563,243	4
330,763	53,817	727,907,883	1,209,202	47,350,427	1,131,858,008	1,396,768,112	2,575,976,547	5
68,147	24,676	150,789,216	101,970	50,100,572	615,283,895	369,005,912	1,034,390,379	6
22,716	2,914	41,355,327	314,221	27,114,547	215,139,225	146,460,170	388,713,942	7
45,338	29,798	111,555,351	525,762	17,652,671	368,111,343	379,453,873	765,217,887	8
11,611	7,833	26,885,669	37,096	1,344,277	81,085,860	60,156,877	142,587,014	9
3,537	559	5,304,958	5,909	757,384	13,742,105	26,514,286	41,013,775	1
3,968	6,764	9,988,145	25,659	1,081,470	39,346,522	39,833,554	80,261,546	2
16,082	6,370	26,737,540	19,721	3,951,112	56,951,269	59,543,244	120,445,625	3
4,556	363	8,257,811	26,356	1,246,925	15,918,326	52,493,557	69,658,808	4
1,277	809	2,694,071	10,859	1,031,114	15,038,821	18,076,155	34,146,090	5
4,691	254	6,639,981	131,582	1,912,200	169,488,522	29,726,569	201,127,291	6
493	322	1,191,337	6,646	264,334	6,350,264	7,457,569	14,072,167	7
1,410	86	1,989,766	15,377	351,434	33,041,989	7,201,280	40,594,703	8
1,552	2,234	3,673,273	12,037	521,416	50,194,167	22,082,455	72,798,428	9
4,996	5,113	9,192,110	27,644	1,865,602	44,564,481	26,298,614	72,228,697	10
35	57	98,050	52	23,691	283,269	391,780	698,740	11
254	245	496,290	1,994	104,797	1,736,082	1,324,838	3,165,717	12
330	10	616,136	6,073	475,350	7,542,967	3,985,832	12,004,149	13
8,681	4,469	19,570,331	83,052	1,908,247	68,297,492	59,952,041	130,157,780	14
673	145	1,088,500	4,934	463,161	8,197,669	3,224,088	11,884,918	15
1,537	313	2,883,197	25,427	1,191,889	38,618,832	11,429,028	51,239,749	16
2,350	6,129	7,987,208	3,864	262,220	31,476,712	32,353,003	64,091,935	17
718	758	1,412,976	959	74,642	21,023,560	3,228,516	24,326,718	18
311	5	437,681	4,592	114,341	7,609,395	1,764,887	9,488,623	19
347	115	558,830	1,364	72,001	2,403,109	2,794,035	5,269,145	20
56	.....	80,488	862	5,837	3,217,029	664,462	3,887,328	21
57,854	35,120	110,898,679	414,953	17,179,167	635,042,582	410,340,183	1,062,561,932	
88	.....	135,446	797	60,340	500,157	374,390	934,887	1
194	50	298,317	302	19,763	1,272,048	721,062	2,012,873	2
4,957	202	681,953	3,644	106,283	1,419,334	1,709,838	3,235,455	3
8,463	7,488	16,838,433	8,998	398,810	42,648,779	32,536,365	75,583,954	4
11,748	1,613	16,745,181	50,165	3,570,718	166,881,687	45,318,999	215,771,044	5
285	417	758,837	1,463	63,207	13,745,245	4,527,909	18,336,361	6
898	136	1,297,477	7,260	731,659	21,448,238	5,891,919	28,071,816	7
309	95	501,422	2,853	119,923	2,600,923	2,525,581	5,246,427	8
5,526	2,025	7,585,018	21,766	850,145	43,366,785	20,588,039	64,804,969	9
693	290	1,135,323	2,210	64,785	586,801	2,298,185	2,949,771	10
1,874	1,641	4,659,347	814	115,030	26,486,962	12,529,622	39,131,614	11
825	1,585	2,147,865	425	38,284	4,590,836	3,919,867	8,548,987	12
176	53	214,352	114	8,329	589,611	455,886	1,053,826	13
3,653	451	5,713,482	17,492	810,557	28,786,142	15,176,348	44,773,047	14
1,845	2,099	3,688,434	2,198	98,767	9,674,884	8,986,643	18,760,294	15
244	85	383,011	685	65,152	3,552,316	1,128,398	4,745,866	16
11,637	3,199	22,005,654	58,136	2,483,120	382,284,793	52,460,664	437,228,577	17
49,415	21,429	84,789,552	179,322	9,604,872	750,435,541	211,149,715	971,190,128	

9.—Statistics of the Numbers, Capital, Employees, Salaries and Wages, Power, Fuel,

Industry and Group		Establish- ments	Capital Employed	Employees on Salaries		
				Male	Female	Salaries
		No.	\$	No.	No.	\$
3.—Textiles and Textile Products—						
1	Awnings, tents and sails.....	77	4,110,935	195	76	533,852
2	Bags, cotton and jute.....	30	9,899,757	110	61	495,402
3	Batting and wadding.....	4	1,477,355	35	10	132,802
4	Carpets, mats and rugs.....	17	7,504,095	134	73	505,043
5	Clothing, men's factory.....	410	60,916,655	2,774	1,277	9,371,388
6	Clothing, women's factory.....	781	44,299,242	2,736	1,552	9,614,045
7	Clothing contractors, men's.....	106	936,176	173	27	361,376
8	Clothing contractors, women's.....	61	458,423	83	27	221,459
9	Cordage, rope and twine.....	11	13,552,590	101	49	411,100
10	Corsets.....	27	4,776,317	204	282	935,756
11	Cotton and wool waste.....	25	1,861,765	62	30	259,113
12	Cotton textiles, miscellaneous.....	81	4,481,545	215	108	649,316
13	Cotton thread.....	7	4,284,795	114	72	390,748
14	Cotton yarn and cloth.....	40	85,060,925	666	510	3,019,462
15	Dyeing and finishing of textiles.....	40	7,897,269	214	113	866,966
16	Flax, fibre.....	41	2,467,138	67	5	149,312
17	Gloves and mittens, fabric.....	14	705,855	45	26	106,015
18	Hats and caps.....	167	9,583,006	650	324	2,189,272
19	Hosiery and knitted goods.....	191	58,023,438	1,303	917	5,053,371
20	Miscellaneous textiles.....	19	15,750,343	279	167	1,234,207
21	Narrow fabrics, laces, etc.....	38	7,628,976	256	213	1,028,107
22	Oiled and waterproofed clothing.....	11	1,561,621	47	24	169,924
23	Silk and artificial silk.....	33	50,361,261	661	436	2,666,842
24	Woollen cloth.....	73	29,598,965	479	303	2,064,278
25	Woollen goods, miscellaneous.....	35	12,980,371	159	85	734,466
26	Woollen yarn.....	43	14,359,917	220	116	712,470
27	All other industries.....	2	517,292	5	2	14,701
Totals, Textiles and Products.....		2,384	455,056,029	11,987	6,888	43,890,793
4.—Wood and Paper Products—						
1	Beekeepers' and poultrymen's supplies.....	9	276,572	10	9	23,710
2	Blueprinting.....	25	374,304	35	18	110,967
3	Boat building.....	98	2,289,804	134	30	226,769
4	Boxes and bags, paper.....	155	28,216,082	878	563	3,343,532
5	Boxes, wooden.....	104	12,604,919	432	166	1,134,210
6	Carriages, wagons and sleighs.....	57	918,939	88	12	117,292
7	Coffins and caskets.....	56	4,318,971	144	43	357,317
8	Cooperage.....	56	2,127,128	81	25	152,695
9	Engraving, stereotyping and electrotyping.....	104	9,080,578	504	257	1,835,344
10	Excelsior.....	9	303,355	15	7	32,456
11	Flooring, hardwood.....	21	4,780,878	90	44	312,931
12	Furniture.....	449	32,174,700	1,307	477	3,634,325
13	Laths, trees and shoe findings.....	17	1,490,500	75	45	204,162
14	Lithographing.....	42	13,236,554	427	292	1,978,652
15	Miscellaneous paper products.....	170	29,511,735	819	533	3,112,805
16	Miscellaneous wooden products.....	193	7,610,979	331	136	905,577
17	Planing mills, sash and door factories.....	827	42,184,892	1,611	446	3,525,505
18	Printing and bookbinding.....	1,328	48,615,815	2,936	1,234	7,793,465
19	Printing and publishing.....	771	57,725,311	5,599	3,150	15,209,561
20	Pulp and paper.....	106	667,458,143	3,972	1,412	14,663,655
21	Refrigerators, other than electric.....	14	776,682	34	15	100,417
22	Roofing paper, etc.....	17	5,493,441	211	135	841,253
23	Sawmills.....	5,140	115,273,788	6,648	564	7,139,172
24	Trade composition.....	36	1,189,197	63	27	188,716
25	Woodenware.....	18	1,095,672	34	13	79,389
26	Wood turning.....	63	3,760,138	131	48	307,971
27	All other industries.....	29	11,095,109	158	67	704,577
Totals, Wood and Paper Products.....		9,974	1,103,984,216	26,767	9,768	68,036,425
5.—Iron and Its Products—						
1	Agricultural implements.....	37	61,820,335	1,204	715	3,734,420
2	Aircraft.....	45	223,616,099	5,302	4,632	15,346,887
3	Automobiles.....	5	139,610,450	2,145	1,219	8,426,267
4	Automobile supplies.....	101	78,194,016	1,455	1,012	5,396,823
5	Bicycles.....	8	4,064,999	63	51	152,331
6	Boilers, tanks and plate work.....	38	25,122,738	698	336	2,446,482
7	Bridge and structural steel.....	22	39,458,775	880	369	3,479,351
8	Castings, iron.....	198	60,193,907	1,068	562	3,607,731
9	Hardware and tools.....	241	62,873,901	1,477	1,181	6,153,810
10	Heating and cooking apparatus.....	72	20,176,358	622	350	2,077,557
11	Iron and steel products, miscellaneous.....	161	276,501,433	3,764	2,299	13,092,925
12	Machinery.....	256	123,621,513	3,186	1,917	10,905,591
13	Machine shops.....	405	15,820,936	953	325	2,529,538
14	Primary iron and steel.....	63	235,386,238	1,734	955	6,263,581

Materials, and Values of Products of Canadian Manufacturing Industries, 1943—con.

Employees on Wages			Power Installed	Cost of Fuel and Electricity	Cost of Materials	Value of Products		
Male	Female	Wages				Net	Gross	
No.	No.	\$	h.p.	\$	\$	\$	\$	
565	1,029	1,614,098	544	43,925	7,279,923	3,709,846	11,033,694	1
279	968	1,176,850	1,628	67,882	19,822,334	4,195,192	24,085,408	2
168	96	366,993	1,712	43,075	1,687,955	1,121,459	2,852,489	3
407	464	1,193,074	3,117	121,940	2,553,349	3,088,634	5,763,925	4
7,355	19,479	27,895,687	5,512	463,079	91,554,837	57,782,196	149,890,112	5
4,637	16,897	22,771,432	3,126	301,546	69,264,831	55,271,412	124,837,789	6
833	1,558	2,539,521	288	58,088	212,513	3,432,094	3,702,605	7
160	892	1,004,426	136	16,444	61,297	1,626,646	1,704,387	8
798	583	1,868,698	8,376	153,053	8,197,632	4,300,242	12,650,931	9
139	1,595	1,309,058	570	26,875	2,891,021	4,214,643	7,132,539	10
190	171	411,491	1,047	59,791	3,770,209	1,338,303	5,168,303	11
282	1,213	1,235,406	733	33,032	5,204,156	3,449,441	8,686,629	12
182	692	738,850	2,466	98,714	3,345,189	2,888,622	6,332,525	13
12,057	10,293	25,126,749	113,097	3,095,541	80,663,290	43,121,047	126,879,874	14
1,003	326	1,579,794	4,984	517,124	2,981,932	5,509,861	9,008,917	15
897	18	788,707	2,996	54,058	907,060	3,437,208	3,491,266	16
74	466	403,973	248	9,174	182,290	935,838	1,852,072	17
1,682	2,658	4,683,644	2,632	182,290	10,921,710	10,962,150	22,066,150	18
6,086	14,038	18,796,615	22,988	1,171,947	38,532,495	40,504,777	80,209,219	19
1,274	778	2,946,920	9,160	315,130	10,681,139	10,325,037	21,321,306	20
857	1,608	2,549,264	2,278	106,552	7,257,795	8,067,091	15,431,868	21
202	550	882,630	273	24,250	3,175,467	1,718,206	4,917,923	22
5,600	4,223	11,047,816	38,079	1,709,918	19,454,469	29,275,701	50,440,088	23
4,239	3,673	9,075,309	19,531	1,013,492	31,434,044	20,776,418	53,223,954	24
1,351	451	2,280,140	11,496	280,120	11,126,574	5,893,707	17,300,401	25
1,275	1,777	3,049,059	9,651	307,836	12,773,403	7,125,410	20,206,649	26
22	63	79,221	166	5,659	382,047	171,698	559,404	27
52,733	86,379	147,414,835	266,834	10,280,535	446,136,675	334,242,717	799,659,927	
36	2	35,291	356	6,186	160,452	248,375	415,013	1
83	33	125,668	81	11,361	174,268	457,731	643,342	2
628	49	914,807	2,214	40,668	1,708,157	1,818,731	3,567,556	3
3,833	4,719	8,768,242	12,272	446,583	30,492,491	22,996,602	53,865,676	4
4,674	929	6,110,841	18,764	343,160	12,376,958	10,822,682	23,542,800	5
246	1	278,568	1,338	37,606	455,115	558,764	1,051,485	6
742	159	927,438	2,379	66,155	1,577,752	2,234,490	3,878,397	7
668	27	855,916	2,884	59,404	2,651,493	1,583,692	4,294,499	8
1,464	621	3,898,138	3,092	126,202	1,954,901	8,324,625	10,405,728	9
92	23	111,520	885	15,508	151,231	238,099	404,838	10
1,182	67	1,447,121	6,816	141,393	4,023,952	3,466,570	7,631,915	11
9,978	1,678	14,289,491	26,174	741,242	19,062,790	27,303,493	47,107,525	12
456	248	691,839	1,975	39,194	888,047	1,125,961	2,053,202	13
1,431	892	3,232,807	2,984	113,137	5,974,949	8,113,027	14,201,113	14
2,501	2,528	5,735,226	12,198	469,438	27,192,425	20,747,351	48,409,214	15
2,104	893	3,361,052	7,876	216,134	4,884,538	6,790,848	11,891,518	16
9,986	1,374	13,643,423	65,630	895,402	34,864,939	27,658,085	63,418,426	17
6,714	4,060	13,431,838	15,901	606,135	20,280,797	33,217,585	54,104,517	18
7,570	1,644	14,514,828	29,179	900,130	16,268,501	58,785,596	76,054,227	19
30,507	1,129	56,535,767	2,081,573	36,211,064	143,956,462	165,485,944	345,653,470	20
273	35	378,070	594	17,177	600,199	773,314	1,390,690	21
598	154	1,036,798	3,005	299,677	5,030,933	5,368,153	10,698,762	22
35,499	1,273	42,425,131	454,451	3,149,576	101,021,760	91,714,000	195,885,336	23
233	9	413,390	124	17,156	76,389	898,072	961,617	24
583	162	701,953	2,619	21,659	772,733	1,057,848	1,852,240	25
1,176	232	1,345,850	4,941	73,731	1,805,946	2,602,658	4,485,335	26
1,020	142	1,598,296	6,276	242,229	8,978,776	4,473,796	13,694,801	27
124,277	23,073	195,898,367	2,736,491	45,327,397	417,393,954	598,835,932	1,001,562,243	
10,297	1,849	20,863,490	31,302	1,210,780	25,213,399	30,528,390	56,952,569	1
44,420	15,175	111,479,821	35,203	1,749,421	60,448,010	183,831,155	246,028,586	2
29,610	271	49,142,938	92,219	2,227,727	248,652,602	101,349,623	352,229,955	3
14,748	4,016	34,931,744	69,052	2,203,570	89,988,643	82,884,770	175,074,933	4
515	104	1,290,490	2,333	77,470	1,543,280	1,748,290	3,369,040	5
4,225	210	8,640,039	19,075	547,891	16,270,970	20,547,071	37,365,939	6
9,228	497	19,696,521	37,671	1,035,517	24,014,652	47,495,637	72,515,834	7
13,484	802	25,120,125	60,074	2,414,611	26,677,705	46,388,897	75,479,138	8
12,686	3,884	27,068,277	33,336	1,347,034	24,237,712	65,715,287	91,296,039	9
4,936	418	8,041,537	12,441	539,943	10,387,209	16,723,797	27,645,874	10
28,009	13,505	82,717,380	127,511	3,294,764	181,658,309	179,745,001	364,698,074	11
20,740	2,396	41,912,453	80,086	1,799,257	48,085,844	101,874,475	152,359,576	12
4,956	375	8,865,464	11,004	366,550	4,649,965	18,254,509	23,251,034	13
30,032	1,501	59,390,887	303,570	18,985,135	101,413,794	103,652,130	223,951,059	14

9.—Statistics of the Numbers, Capital, Employees, Salaries and Wages, Power, Fuel,

Industry and Group		Establish- ments	Capital Employed	Employees on Salaries		
				Male	Female	Salaries
		No.	\$	No.	No.	\$
5.—Iron and Its Products—concluded						
15	Railway rolling-stock.....	34	125,160,005	1,870	399	5,118,819
16	Sheet metal products.....	191	77,846,582	1,365	897	4,712,027
17	Shipbuilding and repairs.....	87	241,992,825	3,568	1,776	10,054,058
18	Wire and wire goods.....	80	36,044,940	498	317	1,977,603
Totals, Iron and Its Products.....		2,044	1,852,506,052	31,852	19,312	105,475,801
6.—Non-ferrous Metal Products—						
1	Aluminum products.....	17	19,180,869	389	316	1,194,325
2	Brass and copper products.....	158	73,747,578	1,387	761	5,100,651
3	Electrical apparatus and supplies.....	223	161,260,825	5,497	3,616	19,509,058
4	Jewellery, silverware, etc.....	124	13,924,608	456	305	1,795,267
5	Miscellaneous non-ferrous metal products.....	23	3,691,479	80	74	377,408
6	Non-ferrous metal smelting and refining.....	16	392,217,159	2,456	919	7,160,290
7	White metal alloys.....	36	10,779,884	256	187	948,181
Totals, Non-ferrous Metal Products..		597	674,802,402	10,521	6,178	36,085,180
7.—Non-metallic Mineral Products—						
1	Abrasive products.....	15	13,172,836	257	229	1,083,113
2	Asbestos products.....	13	5,798,080	95	36	293,318
3	Cement.....	8	50,438,932	75	16	215,137
4	Cement products.....	140	4,442,971	221	45	469,687
5	Clay products from domestic clay.....	105	17,162,747	190	58	570,300
6	Clay products from imported clay.....	24	5,542,318	121	65	423,659
7	Coke and gas products.....	33	109,465,222	813	375	2,290,284
8	Glass products.....	91	21,412,222	385	217	1,397,584
9	Gypsum products.....	9	4,092,304	39	12	97,405
10	Lime.....	45	4,607,651	78	21	158,629
11	Miscellaneous non-metallic mineral products.....	48	15,637,918	198	86	639,498
12	Petroleum products.....	52	90,196,659	1,006	342	3,524,801
13	Salt.....	9	5,490,594	82	53	366,555
14	Sand-lime brick.....	4	358,158	10	.....	25,355
15	Stone, monumental and ornamental.....	151	3,345,642	211	28	371,688
Totals, Non-metallic Mineral Products.		747	351,164,254	3,781	1,583	11,927,013
8.—Chemicals and Allied Products—						
1	Acids, alkalies and salts.....	38	102,927,307	1,086	388	3,519,362
2	Adhesives.....	22	4,408,819	129	53	418,465
3	Coal tar distillation.....	10	5,087,610	77	23	254,427
4	Fertilizers.....	26	17,913,098	281	129	995,264
5	Gases, compressed.....	38	7,519,123	199	247	776,314
6	Inks, printing and writing.....	32	3,041,328	152	69	749,447
7	Medicinal and pharmaceutical preparations.....	205	41,791,686	1,674	1,594	5,744,243
8	Miscellaneous chemical products.....	200	505,359,005	4,424	2,579	13,594,284
9	Paints, pigments and varnishes.....	96	33,330,845	1,145	757	4,329,273
10	Polishes and dressings.....	52	3,793,548	156	115	492,760
11	Soaps, washing compounds, etc.....	134	22,765,347	800	429	2,840,746
12	Toilet preparations.....	86	9,989,810	293	335	1,344,790
13	Wood distillation.....	6	1,937,425	14	4	32,468
Totals, Chemicals and Allied Products.		945	759,864,951	10,430	6,722	35,091,843
9.—Miscellaneous Industries—						
1	Artificial flowers and feathers.....	26	750,517	52	34	156,185
2	Automobile accessories, fabric.....	9	1,522,402	78	39	280,553
3	Brooms, brushes and mops.....	88	6,155,907	301	147	801,422
4	Buttons.....	25	2,353,642	117	46	373,464
5	Candles.....	12	989,423	51	21	137,282
6	Fountain pens and pencils.....	11	3,429,912	114	116	499,481
7	Ice, artificial.....	53	4,529,794	94	38	239,911
8	Jewellery cases and silverware cabinets.....	4	472,695	19	20	68,336
9	Lamps, electric and lamp shades.....	24	790,121	66	26	210,362
10	Mattresses and springs.....	76	10,080,519	341	144	1,248,185
11	Miscellaneous, including carpet sweepers.....	6	161,615	10	5	26,171
12	Motion pictures.....	5	1,042,955	299	192	973,441
13	Musical instruments.....	25	3,365,348	108	38	283,690
14	Pipes, tobacco.....	5	74,690	7	.....	9,691
15	Regalia and society emblems.....	12	155,114	13	8	29,680
16	Scientific and professional equipment.....	46	63,633,603	1,512	1,019	4,804,517
17	Signs, electric, neon and other.....	31	2,703,325	98	39	292,847
18	Sporting goods.....	34	3,161,913	129	56	322,344
19	Stamps and stencils, rubber and metal.....	43	1,035,442	91	44	250,127
20	Statuary, art goods and novelties.....	65	1,093,961	94	40	238,201
21	Store display accessories.....	9	156,781	18	7	38,806
22	Toys.....	45	1,290,220	83	48	217,455
23	Typewriter supplies.....	8	1,404,799	55	36	268,122
24	Umbrellas.....	6	329,959	20	11	67,448
Totals, Miscellaneous Industries..		668	110,684,657	3,770	2,174	11,837,721
Grand Totals, all Industries.....		27,652	6,317,166,727	128,679	64,516	388,857,505

Materials, and Values of Products of Canadian Manufacturing Industries, 1943—con.

Employees on Wages			Power Installed	Cost of Fuel and Electricity	Cost of Materials	Value of Products		
Male	Female	Wages				Net	Gross	
No.	No.	\$				\$	\$	
27,649	577	54,323,860	130,456	4,007,840	83,069,419	72,079,328	159,156,587	15
10,746	3,947	21,865,881	27,469	1,240,412	48,922,922	46,760,657	96,923,991	16
68,153	2,350	143,541,278	113,759	3,428,518	123,317,336	249,815,120	376,560,974	17
4,319	1,540	9,015,708	22,041	903,977	12,717,237	27,496,094	41,117,308	18
330,763	53,817	727,907,883	1,209,202	47,350,427	1,131,858,008	1,396,768,112	2,575,976,547	
3,784	1,449	7,569,498	28,034	758,124	15,136,675	17,041,486	32,936,285	1
15,719	4,032	35,630,550	73,109	3,254,224	108,330,435	81,403,059	192,987,718	2
22,132	15,683	57,397,936	103,572	2,440,467	109,281,060	134,049,332	245,770,859	3
2,080	1,495	4,721,865	4,658	163,887	11,882,521	11,866,959	23,913,367	4
477	251	965,772	1,059	42,275	1,906,068	3,388,471	5,336,814	5
22,577	797	41,331,442	484,572	43,105,101	356,251,255	111,857,020	511,213,376	6
1,378	969	3,172,153	6,966	336,494	12,495,881	9,399,585	22,231,960	7
68,147	24,676	150,789,216	701,970	50,100,572	615,283,895	369,005,912	1,034,390,379	
2,542	308	5,370,656	13,971	2,988,814	11,581,923	22,039,191	36,609,928	1
684	133	1,103,390	4,250	180,871	2,424,245	2,639,622	5,244,738	2
1,091	27	1,939,081	96,980	3,089,380	2,467,709	7,152,763	12,709,852	3
944	12	1,285,744	5,018	244,805	2,343,350	3,051,105	5,639,260	4
1,718	207	2,339,541	21,448	1,157,471	1,044,336	5,346,386	6,608,193	5
737	194	1,344,702	2,896	332,902	929,854	3,122,660	4,385,416	6
3,130	63	5,665,314	40,563	5,078,910	32,434,667	23,387,021	60,900,598	7
3,419	1,667	6,917,107	17,376	1,965,967	9,095,016	15,238,355	26,299,338	8
376	9	534,807	4,759	307,748	2,707,124	2,402,173	5,417,045	9
797	2	1,249,764	9,820	1,747,012	177,470	4,908,510	6,832,902	10
1,544	78	2,581,151	12,512	1,023,575	10,182,144	10,254,834	21,460,553	11
4,614	123	9,223,931	71,838	8,240,688	138,159,884	40,705,482	187,106,054	12
495	52	856,454	5,871	596,252	943,522	3,648,854	5,188,628	13
45	1	58,958	690	124,549	66,673	2,134,474	213,247	14
580	38	884,727	6,229	138,127	1,521,308	2,438,665	4,098,100	15
22,716	2,914	41,355,327	314,221	27,114,547	215,139,225	146,460,170	388,713,942	
6,122	449	11,538,361	198,667	8,502,717	27,714,019	42,142,717	78,359,453	1
414	55	673,256	2,276	211,889	3,037,649	2,486,613	5,736,151	2
314	10	534,908	1,209	326,448	4,059,598	2,154,239	6,540,285	3
1,691	103	3,319,478	33,713	1,141,339	19,036,806	6,927,212	27,105,357	4
614	20	1,072,439	9,940	344,136	1,380,575	7,487,515	9,212,226	5
277	73	534,422	2,271	41,837	1,920,857	2,694,771	4,657,465	6
1,512	2,407	4,268,319	5,993	352,555	18,997,079	31,423,052	50,772,686	7
29,943	24,482	80,901,747	250,450	5,198,468	242,940,411	234,521,138	482,660,017	8
2,242	445	3,932,450	11,135	510,175	22,754,700	21,802,970	45,067,845	9
190	242	415,459	307	30,652	3,559,818	2,791,572	6,382,042	10
1,428	563	3,012,280	8,329	661,730	16,625,211	14,204,387	31,491,328	11
312	949	1,041,243	1,087	51,749	5,123,030	10,335,425	15,510,204	12
279	.....	340,989	385	278,976	961,590	482,262	1,722,828	13
45,338	29,798	111,585,351	525,762	17,652,671	368,111,343	379,453,873	765,217,887	
83	482	404,783	362	6,316	522,641	956,426	1,485,383	1
177	364	875,312	969	25,982	4,549,381	1,772,048	6,347,411	2
1,104	684	1,676,751	2,121	81,598	4,539,386	4,729,206	9,350,190	3
451	418	940,435	1,325	55,163	1,428,330	2,337,689	3,821,182	4
73	58	130,813	97	14,791	541,683	591,533	1,148,007	5
169	357	542,246	646	30,339	2,082,623	1,979,339	4,092,301	6
562	14	800,729	11,585	267,119	132,777	2,274,398	2,674,294	7
73	117	192,702	194	7,534	237,861	389,084	684,479	8
156	230	342,682	404	13,071	611,338	762,697	1,388,006	9
1,760	611	3,053,496	6,111	185,951	9,898,511	7,599,398	17,683,860	10
17	27	33,102	58	4,038	82,394	71,039	157,471	11
59	35	146,097	86	10,925	973,905	2,391,770	3,376,600	12
615	45	757,825	1,686	67,742	828,539	1,344,091	2,240,372	13
30	7	32,568	24	1,568	45,926	65,480	113,974	14
15	28	38,781	25	845	117,587	122,120	240,552	15
4,700	2,975	13,935,440	7,974	397,904	48,383,410	24,320,313	73,101,627	16
244	19	418,794	179	61,599	289,210	1,707,673	2,058,482	17
409	221	713,977	1,661	42,923	2,377,897	1,670,660	4,091,450	18
188	39	285,787	258	13,217	204,925	897,228	1,115,370	19
234	401	495,708	161	14,272	726,281	1,040,321	1,780,874	20
34	13	40,791	31	3,243	68,135	142,437	213,815	21
307	537	670,210	416	21,279	1,118,028	1,748,216	2,887,523	22
138	74	270,136	710	14,558	1,093,512	939,003	2,047,073	23
13	77	86,504	13	1,400	231,580	303,708	536,688	24
11,611	7,833	26,885,669	37,096	1,344,277	81,085,560	60,156,877	142,587,014	
762,854	285,019	1,598,434,879	6,415,851	225,954,375	4,690,493,083	3,816,413,541	8,732,860,999	

machines, electrical equipment, household appliances, agricultural implements, etc. Though these industries were forced to change over to wartime production, the changes did not affect the value of their output and consequently their importance as producers of manufactured goods did not alter drastically. To analyse the effects of the War on any industry, it is necessary to compare the nature of the products made before the War with that of the present. This should be borne in mind in making industrial comparisons with pre-war years. For example, the number of employees engaged in the agricultural implements industry increased by 7,208 between 1940 and 1943; this in spite of the fact that the output of agricultural implements remained at about the same level. The increase was due to a change-over of some of the plants to war production. It is therefore impossible to trace industrial trends from the principal statistics alone, as published in this report.

Subsection 2.—Manufactures Classified by the Purpose of the Products

Significant changes have occurred since 1922 in the importance of the various groups shown in the purpose classification. On the basis of percentage to gross value of production, the most striking change is in the food group which showed a substantial decline from 28.2 p.c. of the total in 1922 to 22.6 p.c. in 1939 and 16.8 p.c. in 1943. The producer materials group, which took the lead from the food group in 1923, showed a steady increase up to 1939, since when it has remained at about 32 p.c. of the total. Due to the production of war equipment, vehicles and vessels increased from 7.7 p.c. in 1939 to 14.6 p.c. in 1943 and industrial equipment from 15.2 p.c. to 17.1 p.c. The other groups with the exception of "miscellaneous" showed slight declines during the war years.

10.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups, Significant Years 1922-43, and in Detail for 1943.

Year and Purpose Heading	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
1922	No.	\$	No.	\$	\$	\$
Food.....	8,256	343,867,673	66,815	67,738,707	490,731,438	673,794,031
Drink and Tobacco.....	496	104,047,461	13,402	13,777,956	33,027,203	99,520,819
Clothing.....	659	166,336,319	63,441	59,056,687	117,015,780	221,903,467
Personal utilities.....	936	56,060,262	16,901	17,080,049	21,879,031	57,258,476
House furnishings.....	600	75,168,053	18,032	19,861,883	24,956,960	62,961,050
Books and stationery.....	1,557	82,240,691	28,103	36,920,804	27,190,071	99,118,969
Vehicles and vessels.....	1,154	191,257,804	30,067	37,237,412	87,840,814	160,624,079
Producers materials.....	5,588	1,086,692,015	143,354	147,581,011	316,400,400	666,241,271
Industrial equipment.....	1,740	556,862,578	75,269	89,081,303	160,035,399	338,882,958
Miscellaneous.....	30	4,950,434	869	1,061,388	2,964,354	4,916,418
Totals, 1922.....	21,016	2,667,493,299	456,256	439,397,230	1,282,041,450¹	2,385,230,538¹
1929						
Food.....	8,351	463,984,558	94,707	87,960,036	597,396,238	837,986,384
Drink and tobacco.....	599	201,365,785	18,976	21,670,376	65,440,053	208,968,998
Clothing.....	1,680	223,376,104	93,935	88,914,849	172,726,557	336,452,685
Personal utilities.....	380	56,155,234	11,148	13,595,331	29,389,246	61,191,750
House furnishings.....	600	76,185,921	20,857	23,248,775	34,293,465	77,811,331
Books and stationery.....	1,017	144,222,275	38,141	56,003,183	45,384,362	155,947,960
Vehicles and vessels.....	781	310,942,038	61,835	91,239,185	243,258,350	407,947,648
Producers materials.....	6,227	1,776,758,115	223,071	258,255,079	524,193,104	1,154,908,260
Industrial equipment.....	1,576	719,112,914	99,922	131,820,142	304,581,449	614,827,756
Miscellaneous.....	105	32,789,065	3,939	4,584,261	13,007,989	27,403,344
Totals, 1929.....	23,216	4,004,892,039	666,531	777,291,217	2,029,670,813	3,883,446,116

¹ For the year 1922 the figures for "Cost of Materials" and "Gross Value of Products" include the value placed on intermediate products used in further processes in the chemical group of industries. For this reason these figures differ slightly from those contained in the other tables of this report.

10.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups, Significant Years 1922-43, and in Detail for 1943—continued

Year and Purpose Heading	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1933						
Food.....	8,759	408,995,499	75,434	68,652,798	313,769,942	492,729,174
Drink and tobacco.....	670	185,612,678	18,289	17,623,141	40,454,300	98,409,638
Clothing.....	1,922	143,382,092	75,363	56,001,234	103,209,050	194,627,734
Personal utilities.....	601	39,681,900	8,938	8,616,372	15,323,848	35,589,961
House furnishings.....	654	66,047,002	15,587	12,887,200	16,022,534	38,684,649
Books and stationery.....	2,170	132,507,101	34,300	42,830,661	28,818,387	103,477,917
Vehicles and vessels.....	479	232,153,543	37,618	35,725,625	56,917,292	120,992,781
Producers materials.....	6,564	1,459,569,284	139,734	126,208,238	252,383,314	573,991,467
Industrial equipment.....	1,819	588,147,285	60,061	64,155,422	133,382,392	277,075,032
Miscellaneous.....	142	23,163,454	3,334	3,544,129	7,516,826	18,497,642
Totals, 1933.....	23,780	3,279,259,838	468,658	436,247,824	967,788,928	1,954,075,785
1937						
Food.....	8,696	441,611,585	96,740	94,656,930	558,118,480	792,271,852
Drink and tobacco.....	668	187,487,631	21,646	24,398,981	68,935,399	152,152,105
Clothing.....	2,158	173,474,299	95,274	79,547,935	148,901,374	271,690,917
Personal utilities.....	634	43,476,516	12,420	12,729,626	28,185,411	55,289,473
House furnishings.....	800	89,293,123	27,446	27,169,931	41,836,387	90,102,397
Books and stationery.....	2,349	137,392,420	40,348	53,453,842	44,257,314	138,673,644
Vehicles and vessels.....	376	248,949,257	55,141	71,890,706	186,070,917	319,280,534
Producers materials.....	6,892	1,482,194,043	278,930	232,733,013	634,232,482	1,221,670,588
Industrial equipment.....	2,086	629,908,231	97,250	119,070,287	280,546,886	551,891,976
Miscellaneous.....	175	31,440,726	5,256	6,075,786	15,842,137	32,436,014
Totals, 1937.....	24,834	3,465,227,831	660,451	721,727,037	2,006,926,787	3,625,459,500
1939						
Food.....	8,520	451,298,489	99,983	101,904,518	526,619,353	784,072,722
Drink and tobacco.....	657	190,313,279	23,489	27,051,038	74,295,571	164,812,439
Clothing.....	2,178	187,495,826	97,220	83,762,588	146,201,614	275,567,762
Personal utilities.....	623	46,866,657	12,623	13,771,704	26,408,179	57,043,684
House furnishings.....	767	93,773,837	27,647	28,417,336	49,528,394	88,800,804
Books and stationery.....	2,452	143,293,147	41,804	56,466,921	47,916,777	144,288,052
Vehicles and vessels.....	364	269,734,181	54,673	72,238,591	141,704,209	266,089,493
Producers materials.....	7,095	1,580,602,852	291,849	229,381,185	559,816,486	1,130,510,177
Industrial equipment.....	1,957	659,305,878	93,235	117,754,260	257,416,596	528,678,421
Miscellaneous.....	183	33,340,303	5,591	7,063,013	15,252,136	34,919,974
Totals, 1939.....	24,805	3,647,024,449	658,114	737,811,153	1,836,159,375	3,474,783,528
1942						
Food.....	8,492	567,240,164	119,749	143,710,556	931,767,514	1,287,339,635
Drink and tobacco.....	676	235,092,943	28,998	38,848,227	94,538,408	236,292,352
Clothing.....	2,575	243,759,650	124,316	134,956,209	281,402,163	497,675,551
Personal utilities.....	711	67,082,124	18,203	23,393,832	49,485,895	98,406,172
House furnishings.....	878	124,276,791	36,995	48,351,601	81,952,482	171,793,189
Books and stationery.....	2,538	155,721,790	45,235	67,493,322	68,438,815	190,289,162
Vehicles and vessels.....	400	564,753,604	168,473	306,339,734	595,568,046	1,003,535,576
Producers materials.....	8,769	2,289,297,436	347,559	516,634,897	1,273,159,717	2,477,577,100
Industrial equipment.....	2,584	978,137,048	195,096	311,065,219	616,892,683	1,315,623,021
Miscellaneous.....	239	263,423,975	67,557	92,101,245	133,987,002	275,235,214
Totals, 1942.....	27,862	5,488,785,545	1,152,091	1,682,804,842	1,637,102,725	7,553,794,972
1943						
Food.....	8,421	592,585,732	123,531	159,966,391	1,094,856,728	1,464,737,993
Drink and tobacco.....	647	242,927,173	28,044	40,435,534	99,602,633	238,506,471
Clothing.....	2,592	244,217,485	119,715	141,914,240	292,357,250	523,922,505
Personal utilities.....	730	68,356,782	18,059	24,516,425	50,345,687	104,512,562
House furnishings.....	881	121,791,799	38,472	54,067,442	89,661,310	178,461,622
Books and stationery.....	2,476	159,733,494	45,647	71,581,405	72,022,230	204,779,758
Vehicles and vessels.....	385	816,203,889	217,970	425,756,661	587,491,411	1,272,121,963
Producers materials.....	8,554	2,503,815,480	361,570	552,769,064	1,449,892,836	2,748,227,057
Industrial equipment.....	2,724	1,051,234,389	223,783	387,609,582	707,744,312	1,492,541,620
Miscellaneous.....	242	516,300,504	64,277	98,675,638	255,518,686	505,049,448
Totals, 1943.....	27,652	6,317,166,727	1,241,038	1,687,292,334	1,699,493,033	8,732,860,991

10.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups, Significant Years 1922-43, and in Detail for 1943—concluded

Year and Purpose Heading	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1943—DETAIL						
Food	8,421	592,585,732	123,531	159,966,391	1,094,856,728	1,464,737,993
Breadstuffs.....	4,407	197,316,501	49,685	62,312,545	284,915,924	435,662,563
Fish.....	523	30,741,194	8,621	9,137,089	43,366,785	64,804,969
Fruit and vegetable pre- parations.....	382	60,753,837	11,894	12,350,468	44,564,481	72,228,697
Meats.....	229	104,520,610	19,247	30,576,982	385,837,109	441,974,443
Milk products.....	2,448	87,872,483	21,971	27,474,215	204,676,093	267,426,008
Oils and fats.....	8	396,162	117	192,432	500,157	934,887
Sugar.....	10	44,144,876	2,274	4,068,473	38,618,832	51,239,749
Miscellaneous.....	414	66,840,069	9,722	13,854,187	92,377,347	130,466,677
Drink and Tobacco	647	242,927,173	28,044	40,435,534	99,602,633	238,506,471
Beverages, alcoholic.....	77	118,112,299	9,355	17,184,057	30,957,147	103,804,898
Beverages, non-alcoholic.....	485	32,591,440	6,214	9,270,562	16,145,214	46,282,920
Tobacco.....	85	92,223,434	12,475	13,980,915	52,500,272	88,418,653
Clothing	2,592	244,217,485	119,715	141,914,240	292,357,250	523,922,505
Boots and shoes, leather.....	222	34,873,991	18,665	21,677,798	42,648,779	75,583,954
Fur goods.....	511	23,768,316	6,000	8,744,483	27,073,763	42,081,385
Garments and personal furnishings.....	1,385	111,386,813	62,619	76,024,148	163,984,499	287,177,432
Gloves and mittens.....	79	4,269,783	3,299	3,131,387	5,497,896	10,401,059
Hats and caps.....	193	10,333,523	5,965	7,433,884	11,444,351	23,551,533
Knitted goods.....	191	58,023,438	22,344	23,849,986	38,532,495	80,209,219
Waterproofs.....	11	1,561,621	823	1,052,554	3,175,467	4,917,923
Personal Utilities	730	68,356,782	18,059	24,516,425	50,345,687	104,512,562
Jewellery and time-pieces.....	128	14,397,303	4,565	6,778,170	12,120,382	24,547,846
Recreational supplies.....	104	7,817,481	2,596	2,965,501	4,324,464	9,219,375
Personal utilities.....	498	46,141,998	10,898	14,772,754	33,900,841	70,745,341
House Furnishings	881	121,791,799	38,472	54,067,442	80,661,310	178,461,622
Books and Stationery	2,476	159,733,494	45,647	71,581,405	72,022,230	204,779,758
Vehicles and Vessels	385	816,203,889	217,970	425,756,663	587,491,411	1,272,121,963
Producers Materials	8,554	2,503,815,480	361,570	582,769,064	1,449,892,836	2,748,227,057
Farm materials.....	26	17,913,098	2,204	4,314,742	19,036,806	27,105,357
Manufacturers materials.....	1,242	1,830,184,797	212,315	358,712,733	986,208,953	1,839,330,104
Building materials.....	6,781	581,154,092	122,783	189,245,234	370,147,554	749,299,037
General materials.....	505	74,563,493	24,268	30,496,355	74,499,523	132,492,559
Industrial Equipment	2,724	1,051,234,389	223,783	387,609,582	707,744,312	1,492,541,620
Farming equipment.....	46	62,096,907	14,122	24,656,881	25,373,851	57,367,582
Manufacturing equipment.....	273	125,112,015	29,063	53,713,095	49,573,891	154,412,778
Trading equipment.....	144	9,830,141	1,845	2,906,050	1,788,559	8,109,034
Service equipment.....	377	111,881,176	19,835	31,890,721	70,658,427	132,910,184
Light, heat and power equipment.....	368	387,771,295	63,255	109,263,698	297,509,735	533,325,594
General equipment.....	1,516	354,542,855	95,663	165,179,137	262,839,849	606,416,448
Miscellaneous	242	516,300,504	64,277	98,675,638	255,518,686	505,049,448

Table 11 has been included in order to give the amount and value of each of the principal commodities produced by the manufacturing industries of Canada. The list is not intended to be complete since a large number of commodities are produced in such small quantities that it would extend the table considerably without adding proportionately to its value to include them. The commodities listed, however, cover approximately 75 p.c. of total production. For a complete list of products, see appendix II of this report.

11.—Quantities and Values of the Principal Commodities Produced by the Manufacturing Industries of Canada, Grouped by Purpose, 1943.

	Unit of Measure	Quantity	Value
			\$
Food—			
Biscuits, all kinds.....	ton	73,035	23,700,297
Bread, pies, cakes, etc.....	—	—	113,699,084
Butter, factory made.....	lb.	311,709,476	105,103,734
Cheese, factory made.....	"	207,841,716	45,407,575
Confectionery, all kinds.....	—	—	40,352,368
Cream, sold in dairy factories.....	lb.	18,191,262	12,881,003
Feed, chopped grain.....	ton	1,493,337	50,786,495
Fish, canned and otherwise prepared.....	—	—	43,839,627
Flour, wheat.....	bbl.	23,993,269	112,368,871
Feeds, stock, poultry, etc.....	—	—	47,283,277
Fruits and vegetables, canned.....	lb.	269,144,819	19,557,223
Ice cream, factory made.....	gal.	15,213,593	18,475,628
Jams, jellies and marmalades.....	lb.	97,926,596	11,387,611
Lard.....	"	89,505,583	12,816,561
Meats, cured.....	"	745,815,271	166,944,830
Meats, sold fresh.....	"	885,935,612	168,036,224
Milk, sold in factories.....	gal.	115,370,989	46,276,080
Milk, evaporated and condensed.....	lb.	205,283,301	17,511,560
Pickles, sauces and catsup.....	—	—	6,935,722
Powders, edible.....	—	—	29,991,791
Sausage, fresh and cured.....	lb.	124,346,102	23,652,487
Shortening.....	"	98,351,787	14,232,293
Soup, canned.....	"	92,279,552	10,569,930
Sugar, granulated (cane and beet).....	"	756,756,906	43,422,107
Tea and coffee, prepared.....	"	66,143,074	31,323,630
Drink and Tobacco—			
Aerated waters.....	gal.	58,020,492	36,785,322
Beer, ale, stout and porter.....	"	95,691,158	114,758,766
Cigarettes.....	M	13,591,320	155,930,531
Cigars.....	"	200,370	9,665,753
Spirits, potable, sold.....	Pr gal.	6,407,571	27,104,237
Tobacco, chewing, smoking and snuff.....	lb.	28,677,508	40,992,976
Tobacco, raw leaf, processed.....	"	74,239,405	24,247,496
Wine, sold.....	gal.	3,500,525	5,548,620
Clothing—			
Coats, men's and women's.....	No.	2,984,787	74,193,319
Dresses, women's and misses'.....	"	12,813,383	39,850,610
Footwear, leather.....	pr.	29,382,256	71,541,449
Footwear, rubber.....	"	11,987,720	14,498,440
Hats and caps, men's and boys'.....	doz.	717,898	9,328,327
Hats and caps, women's.....	"	476,012	8,258,240
Hosiery, all kinds.....	"	8,374,383	33,700,438
Shirts, fine and work.....	"	1,322,804	16,871,749
Suits, men's and boys'.....	No.	1,516,269	25,486,783
Suits, women's and misses'.....	"	552,957	5,806,408
Underwear.....	doz.	3,333,155	20,145,865
Uniforms, woollen.....	No.	2,634,432	22,444,324
Personal Utilities—			
Bags, leather.....	—	—	6,604,642
Jewellery.....	—	—	6,666,642
Pianos, organs and parts.....	—	—	1,044,262
Plated ware, all kinds.....	—	—	4,341,594
Radio sets and accessories.....	—	—	65,244,952
Soap.....	—	—	25,313,557
Sporting goods.....	—	—	2,866,824
Toilet preparations and perfumes.....	—	—	15,277,133
Toys and games.....	—	—	5,828,028
House Furnishings—			
Blankets, all kinds.....	lb.	12,098,957	9,161,290
Brooms and brushes.....	—	—	4,648,740
Carpets, mats and rugs.....	carpet yd.	1,366,302	3,766,750
Furniture, household, incl. beds and couches.....	—	—	38,133,653
Heating and ventilating equipment and furnaces.....	—	—	12,376,414
Kitchenware.....	—	—	1,923,908
Mattresses.....	No.	1,079,373	7,303,407
Mops.....	—	—	1,169,581
Springs, bed and other furniture.....	—	—	3,775,007
Stoves, coal, wood, electric and gas.....	No.	252,520	8,345,390

¹Includes excise taxes on tobacco products and prime cost of spirits.

11.—Quantities and Values of the Principal Commodities Produced by the Manufacturing Industries of Canada, Grouped by Purpose, 1913.—continued

	Unit of Measure	Quantity	Value \$
Books and Stationery—			
Advertising matter, printed.....	—	—	13,662,981
Books and catalogues, printed.....	—	—	8,345,965
Circular letters, bank notes, etc., printed.....	—	—	7,777,280
Periodicals, printed for publishers.....	—	—	7,094,692
Periodicals, printed by publishers—			
Subscriptions and sales.....	—	—	25,235,785
Gross revenue from advertising.....	—	—	38,973,967
Sheet forms, commercial, printed.....	—	—	14,169,958
Vehicles and Vessels—			
Aircraft, including parts and repairs.....	—	—	283,087,222
Automobiles, commercial.....	—	—	222,487,817
Automobile parts and accessories.....	—	—	176,604,607
Cars, steam and electric, and parts.....	—	—	47,919,662
Ships and ship repairs.....	—	—	446,351,387
Miscellaneous—			
Abrasives, artificial.....	—	—	27,383,744
Bags, cotton and jute.....	doz.	10,663,103	22,017,274
Bags, paper.....	—	—	9,824,140
Bars, iron and steel, hot rolled.....	net ton	470,556	42,081,805
Batteries, electric.....	—	—	13,824,241
Blooms, billets and slabs.....	—	—	13,906,485
Boilers, heating and power, and parts.....	—	—	20,914,641
Boxes, paper and wood.....	—	—	57,563,712
Calcium and sodium compounds.....	—	—	26,636,128
Cans, tin.....	—	—	22,408,219
Castings, iron and steel.....	ton	442,502	60,159,171
Coke.....	—	3,551,773	31,339,978
Cotton fabrics.....	yd.	395,193,059	75,509,673
Enamels, lacquers and varnishes.....	—	—	15,552,468
Explosives.....	—	—	42,894,156
Farm implements and parts.....	—	—	17,023,359
Ferro-alloys.....	—	—	24,832,066
Forgings, steel and other.....	—	—	30,920,960
Gas, sold.....	M cu. ft.	20,403,544	18,609,364
Gases, compressed and liquefied.....	—	—	14,787,145
Gasoline.....	imp. gal.	869,288,237	110,043,999
Glass, pressed and blown.....	—	—	17,167,808
Hardware.....	—	—	7,993,104
Leather, shoe.....	—	—	32,780,296
Lumber, sawn.....	—	—	152,748,670
Machinery, industrial, household, etc.....	—	—	64,296,067
Medicines and pharmaceuticals.....	—	—	39,643,087
Munitions and other war supplies.....	—	—	849,066,333
Oil, fuel and gas.....	imp. gal.	866,020,855	44,172,747
Paints, mixed, ready for use.....	—	7,852,146	18,776,917
Paper, newsprint, wrapping and book.....	—	—	189,565,706
Paper boards.....	—	—	40,763,380
Pipes and fittings, iron, steel, etc.....	—	—	23,903,002
Plates, sheets, etc., iron and steel.....	—	—	45,177,734
Pulp, wood, made for sale.....	short ton	1,696,915	107,513,273
Refrigerators, electric.....	No.	2,137	239,113
Rods and bars, brass, bronze, etc.....	lb.	63,118,639	11,083,553
Rods, wire, copper, steel, etc.....	ton	148,673	19,150,125
Rolled iron and steel forms, semi-finished.....	—	—	13,906,485
Sash, doors and other millwork.....	—	—	22,963,962
Scientific instruments.....	—	—	65,168,759
Silk, artificial and mixtures, continuous filament.....	yd.	60,781,533	28,459,978
Smelter and refinery products.....	—	—	511,213,376
Spun rayon and mixtures.....	yd.	22,030,660	8,174,346
Steel ingots and castings (sold).....	net ton	151,924	30,077,984
Steel shapes erected, bridge, etc.....	—	92,878	15,590,162
Steel shapes, fabricated and other.....	—	—	16,657,809
Tire fabrics.....	lb.	21,726,110	10,113,893
Tools, all kinds.....	—	—	22,080,876
Twine and rope.....	lb.	105,953,749	14,221,952
Wires and cables, electrical.....	—	—	35,474,819
Wire, wire rope and cable, steel.....	—	—	16,658,909
Woolen cloth, woven and other.....	yd.	26,568,665	47,835,806
Yarn, cotton, artificial silk, wool, etc.....	lb.	77,636,039	52,832,254

Subsection 3.—Manufactures Classified by Origin of the Materials

The distinction made between farm materials of Canadian and foreign origin is based on whether the materials are indigenous to Canada rather than on their actual source. Thus, the industries included in the foreign origin classes are those depending upon materials that cannot be grown in Canada, such as tea, coffee, spices, cane sugar, rice, rubber, cotton, etc. Industries included in the Canadian origin classes may, however, be using large quantities of imported materials.

The mineral origin group includes, in addition to the non-ferrous metals, so largely produced in Canada, the manufactures of iron and steel, of petroleum, and of other mineral substances, the raw materials for which are very largely imported. Products of mineral origin, with the exception of fuels, are nearly all durable goods. A high standard of living and advanced industrial organization is usually indicated by a relatively large production and consumption of mineral products. During periods of depression when the production of capital goods is curtailed, employment in the industries of the farm group, which produce mainly consumer goods, exceeds that of the mineral group. In 1943 the industries of the mineral group had by far the greatest capital investment, employed the largest number of persons and paid out the highest amount in salaries and wages, the average capital per employee was \$5,441 and average salaries and wages \$1,831. For the industries of the farm origin group the respective averages were \$4,417 and \$1,297.

12.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Material Used, by Main Groups, Significant Years 1924-43

Year and Origin	Estab-lish-ments	Capital	Em-ployeets	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1924						
Farm origin.....	8,663	772,791,471	152,488	153,213,763	716,047,892	1,099,279,665
Mineral origin.....	2,806	1,010,517,944	136,837	171,068,497	349,800,585	700,002,097
Forest origin.....	6,873	876,149,932	126,907	147,719,245	245,183,429	544,282,597
Marine origin.....	836	20,304,785	11,157	3,344,348	16,089,332	26,637,962
Wild life origin.....	226	10,837,249	2,944	3,194,213	7,506,169	13,386,266
Mixed origin.....	1,305	204,716,127	57,277	55,927,609	101,563,384	200,718,177
Grand Totals, 1924...	20,409	2,895,317,508	487,610	534,467,675	1,436,190,791	2,584,306,764
Farm Origin Group—						
From field crops.....	4,595	525,717,571	89,436	87,789,237	433,443,376	691,513,259
From animal husbandry..	4,068	247,073,900	63,052	65,424,526	282,604,516	407,766,406
Totals, Farm Origin.....	8,663	772,791,471	152,488	153,213,763	716,047,892	1,099,279,665
Canadian origin.....	8,379	546,231,949	114,514	119,217,657	553,357,883	848,236,237
Foreign origin.....	284	226,559,522	37,974	33,996,106	162,690,009	251,043,428
1929						
Farm origin.....	9,041	969,384,866	181,682	188,306,755	852,606,083	1,396,769,569
Mineral origin.....	3,219	1,550,662,908	218,879	304,027,803	678,683,203	1,392,499,868
Forest origin.....	7,353	1,148,558,242	163,863	191,044,307	313,088,964	722,269,066
Marine origin.....	730	28,644,442	16,367	5,411,855	21,496,859	34,966,260
Wild life origin.....	234	14,338,686	3,767	4,783,323	12,847,817	20,861,039
Mixed origin.....	1,639	293,302,865	81,973	83,717,174	150,947,887	316,080,314
Grand Totals, 1929...	22,216	4,004,892,009	666,531	777,291,217	2,029,670,813	3,883,446,116
Farm Origin Group—						
From field crops.....	5,191	697,206,163	114,236	115,201,292	496,842,580	889,075,246
From animal husbandry..	3,850	272,178,703	67,446	73,105,463	355,763,503	507,694,323
Totals, Farm Origin.....	9,041	969,384,866	181,682	188,306,755	852,606,083	1,396,769,569
Canadian origin.....	8,743	708,461,549	134,680	140,340,993	682,056,026	1,106,006,184
Foreign origin.....	298	260,923,317	47,002	47,965,762	170,550,057	290,763,385

¹ For the year 1924 the figures for "Cost of Materials" and "Gross Value of Products" include the value placed on intermediate products used in further processes in the chemical group of industries. For this reason these figures differ slightly from those contained in the other tables of this report.

12.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Material Used, by Main Groups, Significant Years 1921-43—continued

Year and Origin	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1933						
Farm origin.....	9,695	844,582,058	158,602	137,711,749	454,882,704	791,956,470
Mineral origin.....	3,539	1,306,641,651	130,565	138,101,092	271,434,337	601,428,003
Forest origin.....	7,796	882,445,602	102,807	99,046,012	133,550,374	335,886,257
Marine origin.....	620	15,532,755	4,064	2,287,385	10,960,289	17,380,323
Wild life origin.....	335	10,507,177	3,498	3,481,885	7,159,079	13,000,927
Mixed origin.....	1,795	219,550,595	69,122	55,619,701	89,802,145	194,423,805
Grand Totals, 1933...	23,780	3,279,259,838	468,658	436,247,824	967,788,928	1,954,075,785
Farm Origin Group—						
From field crops.....	5,746	609,044,529	93,433	81,655,182	263,007,043	494,048,930
From animal husbandry..	3,949	235,537,529	65,169	56,056,567	191,875,661	297,907,540
Totals, Farm Origin.....	9,695	844,582,058	158,602	137,711,749	454,882,704	791,956,470
Canadian origin.....	9,373	629,450,643	124,547	107,807,386	365,559,776	620,197,449
Foreign origin.....	322	215,131,415	34,055	29,904,363	89,322,928	171,759,021
1937						
Farm origin.....	10,139	901,539,200	203,908	197,861,819	809,964,706	1,276,249,283
Mineral origin.....	3,384	1,401,562,788	216,959	280,323,383	784,742,328	1,451,202,762
Forest origin.....	8,392	916,530,488	144,597	161,030,221	254,863,829	589,517,795
Marine origin.....	597	18,130,385	5,427	3,354,771	16,318,781	26,088,625
Wild life origin.....	365	13,328,164	4,264	4,452,918	10,761,233	17,658,867
Mixed origin.....	1,957	214,136,866	85,296	74,703,925	130,275,910	264,742,168
Grand Totals, 1937...	24,834	3,465,227,831	669,451	721,727,037	2,006,926,787	3,625,459,500
Farm Origin Group—						
From field crops.....	6,197	635,995,955	118,765	115,999,546	456,791,911	774,683,154
From animal husbandry..	3,942	265,543,245	85,143	81,862,273	353,172,795	501,566,129
Totals, Farm Origin.....	10,139	901,539,200	203,908	197,861,819	809,964,706	1,276,249,283
Canadian origin.....	9,326	673,003,567	158,075	152,070,575	659,488,389	1,008,885,353
Foreign origin.....	813	228,535,633	45,833	45,791,244	150,476,317	267,363,930
1939						
Farm origin.....	10,203	952,929,892	220,210	217,724,965	778,250,125	1,289,993,021
Mineral origin.....	3,474	1,498,265,618	210,752	280,054,303	669,728,573	1,321,444,094
Forest origin.....	8,430	951,016,933	142,091	160,798,500	244,944,997	572,335,960
Marine origin.....	523	21,479,200	5,369	3,638,794	18,114,698	28,816,536
Wild life origin.....	384	14,723,743	4,604	5,396,623	11,592,066	19,961,526
Mixed origin.....	1,791	208,609,063	75,088	70,197,968	113,528,916	242,232,391
Grand Totals, 1939...	24,805	3,647,024,449	658,114	737,811,153	1,836,159,375	3,474,783,528
Farm Origin Group—						
From field crops.....	6,096	649,746,486	124,708	126,311,033	410,994,461	759,964,866
From animal husbandry..	4,107	303,183,406	95,502	91,413,932	367,255,664	530,025,155
Totals, Farm Origin.....	10,203	952,929,892	220,210	217,724,965	778,250,125	1,289,993,021
Canadian origin.....	9,382	699,345,423	171,460	168,260,771	630,779,223	1,011,294,132
Foreign origin.....	821	253,584,469	48,750	49,464,194	147,470,902	278,698,889
1942						
Farm origin.....	10,406	1,191,225,000	277,751	335,108,000	1,427,517,113	2,215,132,914
Mineral origin.....	4,165	2,889,845,478	580,269	975,331,512	1,918,115,633	3,869,273,611
Forest origin.....	10,114	1,071,366,655	183,271	247,087,184	426,930,938	952,493,897

12.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Material Used, by Main Groups, Significant Years 1924-43—concluded

Year and Origin	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1942—concluded						
Marine origin.....	493	33,554,131	8,547	7,661,976	37,746,371	59,477,038
Wild life origin.....	502	22,950,754	5,750	7,826,147	21,910,883	34,778,875
Mixed origin.....	2,182	279,843,527	96,503	109,790,023	204,881,787	422,638,637
Grand Totals, 1942...	27,862	5,488,785,545	1,152,091	1,682,894,842	4,037,102,725	7,553,794,972
Farm Origin Group—						
From field crops.....	6,336	798,518,291	153,782	188,232,801	687,201,645	1,193,759,193
From animal husbandry..	4,070	392,706,709	123,969	146,875,199	740,315,468	1,021,373,721
Totals, Farm Origin.....	10,406	1,191,225,000	277,751	335,108,000	1,427,517,113	2,215,132,914
Canadian origin.....	9,561	906,847,142	216,747	257,491,350	1,182,216,572	1,778,693,248
Foreign origin.....	845	284,377,858	61,004	77,616,650	245,300,541	436,439,666
1943						
Farm origin.....	10,299	1,216,233,910	275,337	357,141,351	1,602,302,829	2,394,035,243
Mineral origin.....	4,256	3,667,230,050	673,988	1,234,374,825	2,358,826,073	4,788,289,815
Forest origin.....	9,870	1,094,903,638	181,019	259,111,310	445,445,053	991,157,515
Marine origin.....	523	30,741,194	8,621	9,137,089	43,366,785	64,804,969
Wild life origin.....	511	23,768,316	6,000	8,744,453	27,073,763	42,081,385
Mixed origin.....	2,193	284,289,619	96,103	118,783,326	213,478,580	452,492,072
Grand Totals, 1943...	27,652	6,317,166,727	1,241,068	1,987,292,384	4,690,493,083	8,732,860,999
Farm Origin Group—						
From field crops.....	6,269	819,635,374	153,149	200,773,531	772,653,116	1,279,733,823
From animal husbandry..	4,030	396,598,536	122,188	156,367,820	829,649,713	1,114,801,420
Totals, Farm Origin.....	10,299	1,216,233,910	275,337	357,141,351	1,602,302,829	2,394,035,243
Canadian origin.....	9,468	940,503,127	216,663	277,316,138	1,341,198,884	1,954,615,390
Foreign origin.....	831	275,730,783	58,674	79,825,213	261,103,945	439,419,853

Subsection 4.—Leading Manufacturing Industries

In the following statement, the rank of the ten leading industries in 1943, from the standpoint of gross value of production, is compared with their respective ranks in significant years since 1922.

THE TEN LEADING INDUSTRIES, 1943, COMPARED AS TO RANK, SIGNIFICANT YEARS 1922-43

NOTE.—Where a dash is given it indicates that the industry did not rank among the forty leading industries.

Industry	Rank in—							
	1943	1942	1941	1939	1937	1933	1929	1922
Non-ferrous metal smelting and refining.....	1	1	1	1	1	2	9	—
Miscellaneous chemical products.....	2	5	19	38	—	—	—	—
Slaughtering and meat packing.....	3	2	3	3	3	3	2	3
Shipbuilding and repairs.....	4	6	17	—	—	—	—	—
Miscellaneous iron and steel products.....	5	12	36	—	—	—	—	—
Automobiles.....	6	4	4	5	4	11	4	6
Pulp and paper.....	7	3	2	2	2	1	1	2
Aircraft.....	8	18	23	—	—	—	—	—
Electrical apparatus and supplies.....	9	9	6	9	8	16	8	17
Primary iron and steel.....	10	7	7	11	12	31	16	20

A prominent feature of Canadian manufacturing development in recent years has been the rapid growth of non-ferrous metal smelting. This industry, based upon the rich base metal resources of the country, has now taken its place among the leading manufactures along with the industries based upon forest, agricultural and live-stock resources. The incidence of the depression resulted in a rearrangement in the ranking of many industries; in some cases this has proved to be temporary. Under the impetus of war production, the industries engaged in producing the equipment needed by the Armed Forces, such as shipbuilding, aircraft, automobiles, miscellaneous chemical products, and primary iron and steel, advanced to higher positions.

13.—Principal Statistics of the Forty Leading Industries of Canada, Ranked According to Gross Value of Products, 1942

Industry	Estab- lish- ments No.	Capital \$	Em- ployees No.	Salaries and Wages \$	Cost of Materials \$	Value of Products	
						Net \$	Gross \$
1 Non-ferrous metal smelting and refining.....	16	356,052,965	21,162	37,340,556	285,987,513	125,881,047	447,617,199
2 Slaughtering and meat packing.....	148	96,787,894	17,397	26,695,879	310,446,760	56,347,138	369,047,175
3 Automobiles.....	6	143,442,197	24,403	52,281,941	239,544,621	83,471,013	342,772,681
4 Pulp and paper.....	105	655,598,196	38,007	69,656,363	135,970,437	165,193,627	337,390,484
5 Miscellaneous chemical products.....	194	250,666,479	64,900	88,185,249	120,541,882	126,519,004	251,665,872
6 Primary iron and steel.....	61	205,804,671	33,245	60,874,818	110,551,516	102,820,061	232,105,755
7 Shipbuilding.....	79	125,048,259	50,132	92,188,814	73,325,151	166,453,853	224,138,127
8 Butter and cheese.....	2,378	69,084,129	19,465	22,186,532	159,940,961	46,846,003	210,148,057
9 Electrical apparatus and supplies.....	225	143,178,182	39,676	61,799,069	92,799,017	113,824,021	208,872,781
10 Sawmills.....	5,277	112,119,272	47,765	49,562,069	98,774,251	91,206,949	192,919,077
11 Automobile supplies.....	101	76,029,153	21,010	37,011,834	112,061,012	70,386,482	184,499,499
12 Iron and steel products, miscellaneous.....	168	172,190,553	34,848	60,792,877	70,135,177	91,716,356	164,298,544
13 Brass and copper products.....	149	66,282,716	17,454	29,269,030	85,452,694	76,461,348	164,291,350
14 Petroleum products.....	52	84,162,248	5,920	11,507,252	121,924,256	34,713,285	163,716,515
15 Flour and feed mills.....	1,171	62,586,759	6,720	8,776,553	126,374,719	31,417,102	159,463,671
16 Machinery.....	265	122,587,591	27,354	47,707,573	52,950,771	104,755,759	210,371,788
17 Railway rolling-stock.....	35	124,513,549	31,682	59,333,662	81,833,797	70,421,286	156,070,617
18 Aircraft and parts.....	42	90,527,920	44,886	76,334,141	46,252,255	104,121,754	151,554,598
19 Clothing, men's factory.....	410	60,449,404	32,913	36,924,532	91,469,115	57,633,950	149,563,452
20 Cotton yarn and cloth.....	40	91,398,489	25,796	29,304,427	80,629,998	58,030,976	141,899,520
21 Rubber goods (inc. rubber footwear).....	49	74,464,827	15,497	23,413,150	61,576,546	58,896,249	122,231,402
22 Clothing, women's factory.....	774	43,536,721	26,328	30,037,557	66,344,779	49,526,970	116,179,083
23 Sheet metal products.....	185	77,168,793	16,597	24,269,001	58,883,664	50,413,855	110,442,259
24 Bread and other bakery products.....	3,023	53,919,647	25,521	29,047,237	49,962,446	50,446,715	104,089,254
25 Hardware, tools and cutlery.....	227	54,368,983	15,706	25,238,486	22,757,199	58,390,316	82,307,758
26 Castings, iron.....	201	59,342,833	16,867	28,671,888	30,330,276	48,721,977	81,341,609
27 Hosiery and knitted goods.....	186	57,826,720	23,462	23,422,666	38,550,016	40,485,197	80,134,426
28 Biscuits, confectionery, cocoa, etc.....	202	45,205,955	13,724	15,443,400	38,428,657	37,375,513	76,869,436
29 Breweries.....	61	72,868,623	6,868	12,911,103	17,341,712	55,354,723	74,024,601
30 Fruit and vegetable preparations.....	379	54,798,625	12,304	11,487,840	45,135,269	27,254,776	73,569,273
31 Miscellaneous food products.....	259	39,474,244	5,434	7,183,958	50,926,649	19,963,168	71,364,374
32 Printing and publishing.....	797	56,079,815	18,019	28,196,033	15,827,116	52,259,557	68,975,702
33 Boots and shoes, leather.....	221	35,877,425	19,113	19,846,642	40,153,136	27,114,358	67,648,973
34 Acids, alkalies and salts.....	35	75,169,327	7,842	14,128,210	23,927,969	33,580,249	65,123,577
35 Bridge and structural steel work.....	22	46,787,155	9,117	19,028,055	28,528,769	34,141,433	63,383,569
36 Fish curing and packing.....	493	33,554,131	8,547	7,661,976	37,746,371	20,969,913	59,477,038
37 Tobacco, cigars and cigarettes.....	78	71,209,895	10,502	10,757,712	28,716,426	30,428,451	59,390,032
38 Planning mills, sash and door factories.....	857	39,062,511	12,917	15,100,183	32,584,180	25,201,076	58,603,018
39 Woollen cloth.....	70	30,183,515	8,765	10,795,662	32,321,183	22,586,487	55,878,254
40 Coke and gas products.....	31	97,882,090	4,401	7,281,903	27,294,505	23,620,770	55,788,491
Totals, Forty Leading Industries....	19,063	4,227,232,463	882,266	1,321,655,863	3,244,302,771	2,544,952,756	5,958,228,888
Totals, All industries.....	27,862	5,488,785,545	1,152,091	1,682,804,842	4,037,102,725	3,309,973,758	7,553,794,972
Percentages of leading industries to all industries.....	68.4	77.0	76.6	78.5	78.8	76.9	78.8
Primary textiles.....	581	290,736,917	83,973	93,854,374	217,509,205	185,794,412	411,553,879

¹ On a broader classification basis, the primary textile industry, which includes the production of cottons, woolsens, silk, hosiery and knitted goods, and the dyeing and finishing of textiles, ranks first in number of employees and salaries and wages paid and second in gross value of production.

14.—Principal Statistics of the Forty Leading Industries of Canada, Ranked According to Gross Value of Products, 1943

Industry	Establishments No.	Capital \$	Em- ployees No.	Salaries and Wages \$	Cost of Materials \$	Value of Products	
						Net \$	Gross \$
1 Non-ferrous metal smelting and refining.....	16	392,217,159	26,749	48,491,732	356,251,255	111,857,020	511,213,376
2 Miscellaneous chemical products.....	200	505,359,005	61,428	94,496,031	242,940,411	234,521,138	482,660,017
3 Slaughtering and meat packing.....	153	102,948,528	18,775	29,994,640	382,284,793	52,460,664	437,228,577
4 Shipbuilding and repairs.....	87	241,992,825	75,847	153,595,336	123,317,336	249,815,120	376,560,974
5 Iron and steel products, mis.....	161	276,501,433	48,567	95,810,305	181,658,309	179,745,001	364,698,074
6 Automobiles.....	5	139,610,450	24,265	57,569,265	248,652,602	101,349,626	352,229,955
7 Pulp and paper.....	106	667,458,143	37,020	71,199,422	143,956,462	165,485,944	345,653,470
8 Aircraft.....	45	228,616,099	69,529	126,826,708	60,448,010	183,831,155	246,028,586
9 Electrical apparatus and supplies.....	223	161,260,825	46,928	76,906,994	109,281,060	134,049,332	245,770,859
10 Primary iron and steel.....	63	235,386,238	34,222	65,654,468	101,413,794	103,552,130	223,951,059
11 Butter and cheese.....	2,314	72,237,363	19,181	23,836,366	166,881,687	45,318,999	215,771,404
12 Flour and feed mills.....	1,131	70,869,815	7,163	10,015,738	169,488,522	29,726,569	201,127,291
13 Sawmills.....	5,140	115,273,788	43,954	49,564,303	101,021,760	91,714,000	195,885,336
14 Brass and copper products.....	158	73,747,578	21,899	40,731,201	108,330,435	81,403,059	192,987,718
15 Petroleum products.....	52	90,196,659	6,085	12,748,732	138,159,884	40,705,482	187,106,054
16 Automobile supplies.....	101	78,194,016	21,631	40,328,567	89,986,643	82,884,770	175,074,983
17 Railway rolling-stock.....	34	125,160,005	30,495	59,442,679	83,069,419	72,079,328	159,156,587
18 Machinery.....	256	123,621,515	28,239	52,818,044	48,685,844	101,874,475	152,359,576
19 Clothing, men's factory.....	410	60,916,655	30,885	37,267,075	91,554,837	57,782,196	149,800,112
20 Rubber goods (incl. footwear).....	51	73,550,768	15,913	25,342,508	68,297,492	59,952,041	130,157,780
21 Cotton yarn and cloth.....	40	85,060,925	23,526	28,146,211	80,663,290	43,121,043	126,879,874
22 Clothing, women's factory.....	781	44,299,242	25,752	32,385,477	69,264,831	55,271,412	124,837,789
23 Bread and other bakery products.....	2,996	57,067,417	26,829	32,891,060	56,951,269	59,543,244	120,445,625
24 Sheet metal products.....	191	77,846,582	16,955	26,577,908	48,922,922	46,760,657	96,923,991
25 Hardware, tools and cutlery.....	241	62,873,901	19,228	33,222,087	24,233,712	65,715,287	91,296,033
26 Biscuits, confectionery, cocoa, etc.....	211	45,319,223	13,469	16,038,887	39,346,522	39,833,554	80,261,546
27 Hosiery and knitted goods.....	191	58,023,438	22,344	23,849,986	38,532,495	40,504,777	80,209,219
28 Acids, alkalies and salts.....	38	102,927,307	8,045	15,057,723	27,714,019	42,142,717	78,359,453
29 Printing and publishing.....	771	57,725,311	17,963	29,724,389	16,368,501	58,785,596	76,054,227
30 Boots and shoes, leather.....	222	34,873,991	18,665	21,677,798	42,648,779	32,536,365	75,583,954
31 Castings, iron.....	198	60,193,907	15,916	28,727,856	26,677,705	46,386,822	75,479,138
32 Scientific and professional equipment.....	46	63,633,603	10,206	18,739,957	48,383,410	24,320,313	73,101,627
33 Miscellaneous food industries.....	259	38,991,544	5,792	7,744,697	50,194,167	22,082,845	72,798,428
34 Bridge and structural steel.....	22	39,458,775	10,974	23,175,872	24,014,652	47,495,665	72,515,834
35 Fruit and vegetable preparations.....	382	60,758,837	11,894	12,350,468	44,564,481	26,298,614	72,228,697
36 Breweries.....	61	71,607,123	6,613	12,852,096	15,918,326	52,493,557	69,658,808
37 Fish-curing and packing.....	523	30,741,194	8,621	9,137,089	43,366,785	20,588,039	64,804,969
38 Tobacco, cigars and cigarettes.....	70	78,331,842	10,805	12,084,381	31,476,712	32,353,003	64,091,935
39 Planing mills, sash and door factories.....	827	42,184,892	13,417	17,168,938	34,864,939	27,658,085	63,418,426
40 Coke and gas products.....	33	109,465,222	4,381	7,955,598	32,434,667	23,387,021	60,900,598
Totals, Forty Leading industries.....	18,809	5,056,498,143	960,170	1,582,148,592	3,812,222,739	2,987,386,665	6,985,271,959
Totals, All Industries.....	27,652	6,317,166,727	1,241,068	1,987,292,384	4,690,493,083	3,816,413,541	8,732,860,999
Percentages to all industries.....	68.0	80.0	77.4	79.6	81.3	78.3	80.0
Primary textiles.....	598	282,181,561	79,464	94,362,645	215,326,696	169,700,637	393,483,549

¹ On a broader classification basis, the primary textile industry, which includes the production of cottons, woollens, silk, hosiery and knitted goods, and the dyeing and finishing of textiles, ranks first in number of employees, fifth in salaries and wages paid and fourth in gross value of production.

Section 4.—Principal Factors in Manufacturing Production

The subjects treated under this Section, in as much detail as limitations of space permit, include capital, employment, salaries and wages, size of establishments and power and fuel used in manufacturing.

Subsection 1.—Capital Employed

The remarkable increase in capital employed in Canadian manufactures from the beginning of the twentieth century has, of course, run parallel with the rapid growth in industrial operations. From 1900 to 1905 the capital increased from \$446,900,000 to \$833,900,000, and advanced to \$1,958,700,000 in 1915. During this period returns were received from establishments with 5 hands or over, and, while the rise in wholesale prices did not exceed 37 p.c., the capital employed in manufactures increased nearly 340 p.c.

The capital investment in 1943 in all establishments, irrespective of the number of employees, but exclusive of central electric stations, was \$6,317,000,000 as compared with \$2,334,000,000 in 1917, an increase of 171 p.c. while wholesale prices have declined about 13 p.c. in the same period.

15.—Percentage Distribution of Capital Employed in the Manufacturing Industries by Provinces and Industrial Groups, Significant Years, 1917-43

Province or Group	1917	1920	1929	1933	1939	1941	1942	1943
	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
PROVINCE								
Prince Edward Island.....	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Nova Scotia.....	5.3	4.6	3.0	2.8	2.8	2.5	2.8	2.8
New Brunswick.....	2.6	3.5	2.3	2.7	2.5	2.0	1.9	1.8
Quebec.....	23.4	30.1	31.1	31.6	32.4	34.7	34.3	35.3
Ontario.....	49.6	50.1	49.6	48.4	48.3	47.6	48.0	47.4
Manitoba.....	3.6	3.2	3.0	3.1	3.3	3.3	3.2	2.8
Saskatchewan.....	1.0	0.8	1.1	1.2	1.0	1.0	0.8	0.9
Alberta.....	2.1	1.6	2.0	2.1	2.0	1.9	1.8	1.8
British Columbia and Yukon.....	7.3	6.0	7.8	8.0	7.6	6.9	7.1	7.1
Totals.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
INDUSTRIAL GROUP								
Vegetable products.....	12.0	13.7	14.5	15.9	14.8	12.9	12.0	10.8
Animal products.....	8.9	7.6	6.1	6.2	6.9	6.2	5.9	5.1
Textiles and textile products.....	8.2	10.4	9.0	9.1	9.5	9.0	8.4	7.2
Wood and paper products.....	23.0	26.5	28.8	27.2	26.4	22.1	19.7	17.5
Iron and its products.....	29.8	24.8	20.6	18.8	19.1	23.2	26.3	29.3
Non-ferrous metal products.....	3.0	3.7	7.5	8.1	9.5	11.1	11.2	10.7
Non-metallic mineral products.....	6.2	7.4	7.9	9.0	8.0	6.7	6.0	5.6
Chemicals and allied products.....	7.5	4.2	4.1	4.7	4.7	7.3	8.6	12.0
Miscellaneous industries.....	1.4	1.7	1.5	1.0	1.1	1.5	1.9	1.8

16.—Forms of Capital Employed in the Manufacturing Industries, by Provinces and Industrial Groups, 1943, with Totals for Significant Years, 1924-42

Year, Province or Group	Estab- lish- ments	Fixed Capital	Working Capital			Total Capital
		Land, Buildings, Fixtures, Machinery, Tools and Other Equipment	Inventory Value of Raw Materials, Stocks in Process, Fuel, and Mis- cellaneous Supplies on Hand	Inventory Value of Finished Products on Hand	Cash, Bills and Accounts Receivable, Prepaid Expenses, etc.	
	No.	\$	\$		\$	\$
Totals, 1924	20,709	1,717,122,081	658,360,445		519,834,982	2,895,317,508
Totals, 1926	21,301	1,905,620,436	707,413,136		595,037,625	3,208,071,197
Totals, 1929	22,216	2,356,913,335	867,689,319		780,289,355	4,004,892,009
Totals, 1932	23,102	2,218,729,234	597,939,060		563,807,215	3,380,475,509
Totals, 1933	23,780	2,151,091,557	573,587,617		554,580,664	3,279,259,838
Totals, 1934	24,209	2,109,729,523	598,110,478		541,508,863	3,249,348,864
Totals, 1935	24,034	2,080,221,792	610,814,942		525,366,393	3,216,403,127
Totals, 1936	24,202	2,061,610,260	651,771,457		557,881,814	3,271,263,531
Totals, 1937	24,834	2,126,929,809	757,322,293		580,975,729	3,465,227,831
Totals, 1938	25,200	2,149,402,173	739,226,808		597,054,037	3,485,683,018
Totals, 1939	24,805	2,168,887,084	784,543,558		693,593,807	3,647,024,449
Totals, 1940	25,513	2,266,087,512	992,988,598		836,640,726	4,095,716,836
Totals, 1941	26,293	2,523,213,656	929,051,356	378,109,962	1,075,128,992	4,905,503,966
Totals, 1942	27,862	2,740,826,451	1,092,063,176	404,306,102	1,251,589,816	5,488,785,545
PROVINCES, 1943						
Prince Edward Island.....	230	2,079,533	529,646	285,766	986,887	3,881,832
Nova Scotia.....	1,278	92,028,183	31,957,646	22,592,192	32,785,682	179,363,703
New Brunswick.....	862	60,286,741	18,375,637	5,740,960	26,884,572	111,287,910
Quebec.....	9,372	1,059,284,069	478,397,975	166,178,728	526,759,614	2,230,620,386
Ontario.....	10,587	1,381,616,267	674,091,828	232,683,256	706,562,637	2,994,953,988
Manitoba.....	1,245	94,296,011	27,185,310	22,564,358	29,706,828	173,752,507
Saskatchewan.....	976	30,041,247	10,377,381	7,319,282	12,936,183	60,674,093
Alberta.....	1,133	64,391,736	14,909,801	14,525,409	17,855,473	111,682,419
British Columbia.....	1,961	218,592,648	94,954,866	51,774,221	85,038,313	450,360,048
Yukon and Northwest Terri- tories.....	8	286,901	46,929	109,352	146,659	589,841
Totals, 1943	27,652	3,002,903,336	1,350,827,019	523,773,524	1,439,662,848	6,317,166,727
INDUSTRIAL GROUPS, 1943						
Vegetable products.....	5,913	282,619,237	147,178,142	91,891,156	162,603,768	684,292,303
Animal products.....	4,380	141,661,687	51,918,182	52,120,456	79,111,538	324,811,863
Textiles and textile products.....	2,384	190,613,728	113,098,355	25,036,301	126,307,645	455,056,029
Wood and paper products.....	9,974	707,656,824	138,239,069	35,482,901	222,605,422	1,103,984,216
Iron and its products.....	2,044	737,776,577	559,488,023	133,009,303	422,232,149	1,852,506,052
Non-ferrous metal products.....	597	353,314,896	129,588,556	28,360,562	163,538,388	674,802,402
Non-metallic mineral products.....	747	223,248,695	46,362,712	31,345,015	50,207,832	351,164,254
Chemicals and allied products.....	945	332,751,244	126,483,598	122,764,226	177,865,883	759,864,951
Miscellaneous industries.....	668	38,260,448	38,470,382	3,763,604	35,190,223	110,684,657

Subsection 2.—Employment in Manufactures

Using a base and taking the percentages of the wage-earners and the total employees in each year, and dividing these percentages into the corresponding volumes of manufacturing production (see p. 15 for the index of volume), tentative conclusions are arrived at regarding the efficiency of production per wage-earner

and per employee. These indexes of the efficiency of production are, of course, affected by the changes in the method of computing the number of wage-earners adopted in 1925, and then again in 1931. Inasmuch as the change increased the apparent number of employees between 1925 and 1930, it proportionately decreased the index of the efficiency of production. Comparability exists, however, between the figures prior to 1926 and subsequent to 1930. Table 17 shows only the latter period. Unfortunately, the period covered is rather limited for the purpose in view, but it is suggested that the reader compare these data with the comparable figures for 1917-30 at p. 421 of the 1939 Canada Year Book. Up to the beginning of the Second World War the indexes may be considered as supplying satisfactory evidence of a general gain in volume of production per person employed. With the outbreak of war unemployed skilled workers were first absorbed into industry, with the result that the efficiency of production was slightly bettered. As the War progressed, however, manufacturers were forced more and more to employ unskilled workers. The decline in the efficiency of production in 1942 and 1943 may, therefore, be attributed to this cause as well as to absenteeism for various causes.

17.—Salaried Employees and Wage-Earners in Manufacturing Industries, with Volume of Manufacturing Production and Comparative Efficiency of Production, 1931-43

(1935-39=100)

NOTE.—Figures, with qualifications as to comparability, for 1917 to 1930 are published at p. 421 of the 1939 Canada Year Book.

Year	Salaried Employees	Wage-Earners	Total Employees	Percentages Relative to 1935-39		Index Number of Volume of Mfd. Products	Indexes of Efficiency of Production	
				Of Wage-Earners	Of Total Employees		Per Wage-Earner	Per Employee
	No.	No.	No.	p. c.	p. c.			
1931.....	91,491	437,149	528,640	85.8	84.9	80.0	93.2	94.2
1932.....	87,050	381,783	468,833	74.9	75.3	67.6	90.3	89.8
1933.....	86,636	382,022	468,658	75.0	75.3	67.7	90.3	89.9
1934.....	92,095	427,717	519,812	83.9	83.5	79.6	94.9	95.3
1935.....	97,930	458,734	556,664	90.0	89.5	87.9	97.7	98.2
1936.....	104,417	489,942	594,359	96.1	95.5	96.2	100.1	100.7
1937.....	115,827	544,624	660,451	106.9	106.1	108.9	101.9	102.6
1938.....	120,589	521,427	642,016	102.3	103.2	100.8	98.5	97.7
1939.....	124,772	533,342	658,114	104.7	105.8	106.3	101.5	100.5
1940.....	135,760	626,484	762,244	122.9	122.5	125.2	101.9	102.2
1941.....	158,944	802,234	961,178	157.4	154.5	155.9	99.0	100.9
1942.....	177,187	974,904	1,152,091	191.3	185.1	179.9	94.0	97.2
1943.....	193,195	1,047,873	1,241,068	205.6	199.4	187.7	91.3	94.1

Monthly Record of Employment in Manufactures.—Ordinarily, manufacturing employment in Canada reaches its highest point during the summer months. Some of the seasonal industries, such as canning, are most active then, textile industries are preparing winter goods, and industry generally feels the active demand of the agricultural purchasing power resulting from the prospects of the season's harvest. After the setback of 1929, employment in 1930, 1931, 1932 and the first half of 1933 declined steadily, the monthly employment figures in each case being lower than the corresponding month of the previous year. The peak of employment in June, 1929, when 575,693 wage-earners were on the payrolls, was surpassed in September, 1937, with 582,305 wage-earners. With the outbreak of war the improvement in employment became increasingly rapid. A new high record was attained in August, 1943, when 1,067,890 wage-earners were employed, an increase of 96.4 p.c. over the same month in 1939.

18.—Wage-Earners Employed in the Manufacturing Industries of Canada, by Months and Sex, Significant Years, 1922-43

Month	1922	1929	1933	1939	1940	1941	1942	1943
TOTAL WAGE-EARNERS								
January.....	324,257	502,644	340,027	490,337	560,093	700,133	892,366	1,023,261
February.....	336,729	519,423	347,777	496,160	570,169	719,822	914,395	1,030,878
March.....	349,110	536,866	355,888	503,475	578,317	739,680	930,043	1,036,648
April.....	360,248	555,711	358,759	509,739	590,221	757,658	946,291	1,033,748
May.....	382,504	574,905	377,659	530,864	611,678	787,137	967,551	983,058
June.....	393,935	575,693	392,196	531,245	622,561	806,635	985,796	1,058,645
July.....	391,186	573,554	393,464	529,575	635,124	819,732	997,670	1,056,975
August.....	389,511	567,022	402,249	543,605	651,923	843,252	1,011,341	1,067,890
September.....	392,423	564,796	410,954	562,355	675,381	861,774	1,014,030	1,066,595
October.....	385,262	553,338	405,757	568,564	672,603	859,591	1,005,830	1,053,486
November.....	378,992	527,213	396,884	563,117	668,883	858,832	1,009,262	1,049,738
December.....	367,724	499,893	380,612	544,817	652,486	842,848	992,880	1,021,630
MALE								
January.....	243,682	397,459	257,445	381,997	436,221	549,976	683,455	771,269
February.....	253,178	410,865	260,728	385,955	443,947	564,176	698,435	755,181
March.....	263,849	426,713	267,259	391,623	450,941	579,757	708,845	757,702
April.....	274,821	443,560	271,348	398,982	463,870	597,256	720,285	755,888
May.....	294,095	459,783	285,705	416,963	483,027	621,396	736,499	764,158
June.....	304,395	460,294	296,937	417,975	493,555	636,633	750,012	776,003
July.....	304,020	459,051	300,329	417,987	504,422	646,237	756,047	779,687
August.....	301,234	449,721	302,969	421,895	512,538	654,782	753,633	777,733
September.....	298,918	441,510	304,908	431,509	523,781	662,465	748,193	767,043
October.....	291,973	432,576	301,315	437,220	524,875	661,454	739,884	754,484
November.....	286,511	412,114	294,945	432,920	523,330	659,011	739,471	753,211
December.....	277,854	391,903	285,690	422,538	514,079	649,766	731,647	738,073
FEMALE								
January.....	80,575	105,185	82,582	108,340	123,872	150,157	208,911	271,992
February.....	83,551	108,558	87,049	110,205	126,222	155,646	215,960	275,697
March.....	85,261	110,153	88,629	111,852	127,376	159,923	221,198	278,946
April.....	85,427	112,142	87,411	110,757	126,351	160,402	226,006	277,860
May.....	88,409	115,122	91,954	113,901	128,651	165,741	231,052	218,900
June.....	89,540	115,399	95,259	113,270	129,006	170,002	235,784	282,642
July.....	87,166	114,503	93,135	111,588	130,702	173,495	241,623	277,288
August.....	88,277	117,301	99,280	121,710	139,385	188,470	257,678	290,157
September.....	93,505	123,286	106,046	130,846	151,600	199,309	265,837	299,552
October.....	93,289	120,762	104,442	131,344	147,723	198,137	265,946	299,002
November.....	92,481	115,099	101,439	130,197	145,553	199,821	269,791	296,527
December.....	89,870	107,990	94,922	122,279	138,407	193,082	261,233	283,557

Hours Worked by Wage-Earners.—From 1932, the first year for which figures on hours worked per week by wage-earners are available, to 1943, each firm was required to report the number of hours worked by all its wage-earners during the month in which the greatest number had been employed, the only exception being the years 1938 and 1939 when one week in a month of normal employment was reported. In 1938 the number of hours worked per week were compiled by sex, and a change was also made in the analysis of the weekly hours worked. Since 1940 the hours worked per week include overtime while prior to that overtime was excluded. These changes make it impossible to measure accurately the changes in the number of hours worked per week. In any case, the figures in Tables 19 to 22 do not refer to any particular month, since the month of highest employment might be May for one firm and October for another; they represent the summation of the different months of highest employment as reported by all firms. For a given industry, however, the month of highest employment is more significant as in this case it coincides for a great number of firms engaged in the same industry.

For all wage-earners, the hours worked per week declined from 48.9 in 1932 to 47.2 in 1939, and reached 50.6 in 1941, some of this increase no doubt being due to the inclusion of overtime. For 1942 and 1943 there was a counter movement in the hours worked, especially among females, due to the employment of many workers on a part-time basis. Whereas in 1939 there were only 2.8 p.c. of the male and

5.3 p.c. of the female wage-earners working under 30 hours per week, in 1943 these percentages rose to 4.6 p.c. and 10.1 p.c., respectively. Also the number of hours worked by females averaged 5.6 less than the number of hours worked by their male co-workers.

19.—Wage-Earners in Manufacturing, Working Specified Numbers of Hours¹ per Week in the Month of Highest Employment, 1938-43

NOTE.—Hours worked per week in 1932-37 are given at p. 386 of the 1942 edition of the Canada Year Book; in 1940 at p. 392 of the 1943-44 edition.

Hours Worked per Week	1938	1939	1940	1941	1942	1943
TOTAL WAGE-EARNERS						
	No.	No.	No.	No.	No.	No.
30 or less.....	24,073	19,849	29,313	36,064	48,714	74,406
31-43.....	99,125	85,597	72,856	77,461	98,200	128,755
44.....	83,763	81,128	70,526	85,040	88,049	88,964
45-47.....	66,268	64,031	61,293	69,844	80,613	100,861
48.....	121,625	130,506	149,321	190,437	244,899	248,083
49-50.....	62,294	65,822	79,808	92,931	105,434	115,606
51-54.....	39,596	46,165	80,611	120,645	147,229	151,231
55.....	20,575	24,316	37,775	55,701	63,702	62,701
56-64.....	60,755	61,067	144,474	187,184	193,297	176,730
65 or over.....	8,755	8,478	47,341	63,913	73,590	60,665
Totals, Wage-Earners.....	586,829	586,959	773,318	979,220	1,143,727	1,208,002
Average Hours per Week.....	46.7	47.2	50.1	50.6	50.2	48.8
MALE						
	No.	No.	No.	No.	No.	No.
30 or less.....	15,439	12,868	19,307	23,635	30,166	39,985
31-43.....	75,842	64,780	53,422	50,969	59,146	68,530
44.....	59,983	57,667	48,028	60,062	58,342	53,563
45-47.....	47,877	45,703	42,128	43,554	47,403	62,701
48.....	97,287	103,636	120,253	149,612	182,783	185,913
49-50.....	45,981	48,378	55,596	63,541	70,870	75,975
51-54.....	33,744	37,439	61,992	90,044	106,657	114,739
55.....	16,493	19,766	28,893	43,431	48,996	49,194
56-64.....	56,171	56,837	128,100	165,242	171,775	158,657
65 or over.....	8,224	8,036	43,878	59,250	67,776	56,837
Totals, Male Wage-Earners.....	457,041	455,110	601,597	749,340	843,914	866,094
Average Hours per Week.....	47.3	48.1	50.9	51.5	51.3	50.4
FEMALE						
	No.	No.	No.	No.	No.	No.
30 or less.....	8,634	6,981	10,006	12,429	18,548	34,421
31-43.....	23,283	20,817	19,434	26,492	39,054	60,225
44.....	23,780	23,461	22,498	24,978	29,707	35,401
45-47.....	18,391	18,328	19,165	26,290	33,210	38,160
48.....	24,338	26,870	29,068	40,825	62,116	62,170
49-50.....	16,313	17,444	24,212	29,390	34,564	39,631
51-54.....	5,852	8,726	18,619	30,601	40,572	36,492
55.....	4,082	4,550	8,882	12,270	14,706	13,507
56-64.....	4,584	4,230	16,374	21,942	21,522	18,073
65 or over.....	531	442	3,463	4,663	5,814	3,828
Totals, Female Wage-Earners.....	129,788	131,849	171,721	229,880	299,813	341,908
Average Hours per Week.....	44.6	45.2	47.3	47.6	46.9	44.8

¹ For 1938 and 1939, the hours worked do not include overtime, while for 1940 to 1943 overtime is included.

20.—Wage-Earners Working Specified Weekly Hours¹ in Month of Highest Employment, by Sex, Province and Industrial Group, 1913

Province or Industrial Group	Hours Worked per Week								Total Wage-Earners	Average Hours Worked per Week
	30 or Less	31-43	44	45-47	48	49-50	51-54	55	56-64	65 or Over
MALE										
Province	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
Prince Edward Island.....	11	18	38	16	130	29	180	20	86	283
Nova Scotia.....	1,522	2,417	1,301	1,161	5,071	1,201	5,620	924	7,602	3,642
New Brunswick.....	866	1,188	392	794	3,388	1,994	3,202	719	6,247	1,367
Quebec.....	10,256	20,548	13,663	21,021	47,746	27,651	41,083	18,911	69,691	28,413
Ontario.....	20,771	33,357	22,562	31,835	74,803	36,400	52,103	26,494	62,872	20,076
Manitoba.....	1,060	1,694	2,719	1,357	7,360	3,061	3,069	837	3,930	899
Saskatchewan.....	575	1,627	439	407	1,120	614	1,372	408	2,734	592
Alberta.....	673	1,347	1,336	864	3,584	1,295	3,050	471	2,607	471
British Columbia.....	4,211	7,334	11,053	5,252	42,709	3,640	5,054	410	2,848	1,094
Yukon and Northwest Territories.....	10	.....	.....	.....	42	.....	6	.....	20	.....
Totals²	39,955	68,530	53,563	62,701	185,913	75,975	114,739	49,194	158,637	56,837
Industrial Group	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
Vegetable products.....	6,665	5,010	3,284	4,209	10,650	6,165	11,663	3,832	15,196	5,589
Animal products.....	2,377	3,561	1,727	3,548	3,467	5,363	6,059	3,147	5,157	1,324
Textiles and textile products.....	1,957	5,558	6,840	3,361	7,187	14,671	4,834	5,209	5,743	1,944
Wood and paper products.....	7,558	11,043	10,232	10,594	32,192	9,831	17,511	9,677	46,563	8,265
Iron and its products.....	14,282	20,368	20,098	31,457	80,994	28,093	48,492	18,471	64,678	32,740
Non-ferrous metal products.....	3,046	5,249	2,714	5,035	25,651	5,829	10,122	6,065	2,170	2,714
Non-metallic mineral products.....	1,172	2,559	3,718	1,065	6,619	1,291	2,649	856	4,423	1,353
Chemicals and allied products.....	2,149	4,587	3,149	2,609	17,430	3,170	11,388	1,183	6,019	2,468
Miscellaneous industries.....	779	995	1,439	1,185	1,723	1,562	2,021	784	1,708	440
Totals	86,665	122,530	103,563	118,701	318,913	114,739	185,913	62,701	218,637	75,837

¹ Including overtime.² Exclusive of "dairy factories" and "fish-curing and -packing" plants.

20.—Wage-Earners Working Specified Weekly Hours¹ in Month of Highest Employment, by Sex, Province and Industrial Group, 1943—
concluded

Province or Industrial Group	Hours Worked per Week								Total Wage- Earners	Average Hours Worked per Week
	30 or Less	31-43	44	45-47	48	49-50	51-54	55	56-64	65 or Over
FEMALE										
Province	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
Prince Edward Island.....	9	24	8	49	6	19	4	4	96	19
Nova Scotia.....	462	790	447	637	793	1,014	440	180	740	60
New Brunswick.....	350	678	487	1,066	667	541	180	5,076	242	9
Quebec.....	8,357	21,649	14,246	27,944	17,049	17,789	5,076	7,562	5,969	1,275
Ontario.....	22,342	31,610	16,740	19,057	24,095	15,576	7,562	9,783	130,094	2,128
Manitoba.....	722	1,920	2,903	1,129	761	573	73	1,077	9,573	50
Saskatchewan.....	125	163	172	521	92	222	33	160	365	132
Alberta.....	207	477	599	1,206	208	177	37	97	1,800	28
British Columbia.....	1,817	2,914	2,015	5,575	661	581	102	618	4,007	127
Yukon and Northwest Territories.....	—	—	—	—	—	—	—	—	17,796	—
Totals ²	34,421	60,225	35,401	38,160	62,170	39,631	36,492	13,507	18,073	3,828
Industrial Group	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
Vegetable products.....	9,466	10,377	4,052	5,751	7,962	4,004	4,592	1,371	3,806	795
Animal products.....	1,867	3,522	1,979	3,322	2,675	3,145	1,893	692	803	110
Textiles and textile products.....	7,256	18,620	14,344	11,264	16,625	17,011	5,600	4,314	989	337
Wood and paper products.....	4,144	4,847	4,368	3,525	4,245	2,691	1,882	1,071	1,070	289
Iron and its products.....	5,136	9,496	4,672	6,678	13,543	5,771	7,800	3,148	8,467	1,581
Non-ferrous metal products.....	2,398	4,424	2,927	3,048	4,528	4,709	4,224	2,304	1,566	281
Non-metallic mineral products.....	241	666	247	458	998	310	218	90	81	10
Chemicals and allied products.....	2,715	6,605	2,266	2,832	10,463	1,139	9,355	326	855	343
Miscellaneous industries.....	1,198	1,668	1,446	1,222	1,131	851	827	252	396	6
Totals	34,421	60,225	35,401	38,160	62,170	39,631	36,492	13,507	18,073	3,828
Industrial Group	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
Vegetable products.....	9,466	10,377	4,052	5,751	7,962	4,004	4,592	1,371	3,806	795
Animal products.....	1,867	3,522	1,979	3,322	2,675	3,145	1,893	692	803	110
Textiles and textile products.....	7,256	18,620	14,344	11,264	16,625	17,011	5,600	4,314	989	337
Wood and paper products.....	4,144	4,847	4,368	3,525	4,245	2,691	1,882	1,071	1,070	289
Iron and its products.....	5,136	9,496	4,672	6,678	13,543	5,771	7,800	3,148	8,467	1,581
Non-ferrous metal products.....	2,398	4,424	2,927	3,048	4,528	4,709	4,224	2,304	1,566	281
Non-metallic mineral products.....	241	666	247	458	998	310	218	90	81	10
Chemicals and allied products.....	2,715	6,605	2,266	2,832	10,463	1,139	9,355	326	855	343
Miscellaneous industries.....	1,198	1,668	1,446	1,222	1,131	851	827	252	396	6

¹ Including overtime.

² Exclusive of "dairy factories" and "fish-curing and -packing" plants.

21.—Male Wage-Earners in the Forty Leading Industries Working Specified Weekly Hours¹ in Month of Highest Employment, 1943

NOTE.—Industries ranked according to the annual number of male wage-earners employed.

Industry	Hours Worked per Week										Total Wage- Earners	Average Hours Worked per Week
	30 or Less	31-43	44	45-47	48	49-50	51-54	55	56-64	65 or Over		
1 Shipbuilding and repairs.....	No. 2,914	No. 6,097	No. 4,765	No. 11,230	No. 21,372	No. 4,044	No. 8,353	No. 919	No. 8,853	No. 5,566	No. 77,113	No. 50-2
2 Aircraft.....	1,885	3,012	2,715	1,943	6,148	2,208	11,867	1,682	13,296	5,744	50,500	53-2
3 Sawmills.....	1,525	1,851	1,308	1,470	12,793	2,047	6,590	2,307	31,703	6,335	63,229	54-3
4 Pulp and paper.....	1,305	2,143	499	1,890	11,833	1,737	3,767	3,862	6,786	3,934	33,756	52-0
5 Primary iron and steel.....	1,564	3,947	1,467	1,543	7,638	1,777	3,697	1,311	8,278	2,014	32,636	50-8
6 Miscellaneous chemical products.....	1,073	2,952	1,146	1,398	11,477	2,365	10,048	853	3,432	1,551	36,295	49-8
7 Miscellaneous iron and steel products.....	1,352	3,717	804	2,620	6,145	1,461	2,184	3,288	7,755	4,550	33,876	52-1
8 Railway rolling-stock.....	310	2,654	3,645	1,585	15,661	2,131	2,152	406	1,338	169	24,505	48-0
9 Non-ferrous metal smelting and refining.....	885	1,376	909	1,368	18,537	3,259	1,138	64	1,338	169	24,505	48-0
10 Electrical apparatus and supplies.....	864	1,397	1,584	1,841	1,569	3,916	5,593	5,000	3,211	897	24,497	51-3
11 Machinery.....	778	2,004	864	3,823	10,387	1,070	2,062	1,61	3,365	5,757	23,340	53-9
12 Automobiles.....	918	3,47	364	1,582	2,715	1,947	4,188	1,251	4,996	242	17,747	49-9
13 Bread and other bakery products.....	845	1,941	740	1,080	3,803	1,448	2,064	757	3,668	1,479	17,150	51-9
14 Brass and copper products.....	728	1,369	593	1,480	1,605	1,588	3,077	900	3,084	1,228	15,890	50-7
15 Automobile supplies.....	523	923	689	1,057	1,840	2,173	2,623	999	2,482	1,440	14,749	51-8
16 Castings, iron.....	660	795	390	698	854	1,827	1,116	2,707	3,618	1,433	14,098	53-3
17 Hardware and tools.....	178	357	39	119	1,114	8,982	2,405	1,064	788	292	13,138	50-5
18 Cotton yarn and cloth.....	1,141	1,321	283	877	1,403	1,619	2,634	1,068	3,389	771	14,556	50-5
19 Slaughtering and meat packing.....	604	1,098	872	1,054	1,361	1,637	1,612	1,108	2,037	733	12,116	50-2
20 Sheet metal products.....	196	448	142	2,114	4,271	723	1,083	569	1,151	166	10,863	49-2
21 Agricultural implements.....	715	814	1,008	685	1,051	1,630	1,825	1,021	2,321	624	11,894	50-6
22 Planning mills, sash and door factories.....	533	914	953	2,037	647	909	1,228	2,121	644	293	11,179	48-4
23 Furniture.....	690	653	415	577	593	2,407	1,520	195	2,070	1,150	10,273	51-5
24 Bridge and structural steel.....	483	880	407	1,607	1,000	2,400	1,534	1,028	464	71	9,481	47-9
25 Boots and shoes, leather.....	494	1,466	344	988	1,297	1,169	1,660	46	1,369	249	9,496	48-4
26 Rubber goods, including rubber footwear.....	542	2,046	1,239	1,172	1,299	388	579	46	231	102	7,874	43-6
27 Printing and publishing.....	193	1,37	4,001	426	1,262	516	1,98	20	52	23	7,810	44-0
28 Clothing, men's factory.....	491	699	2,742	852	1,062	304	444	115	412	174	7,307	45-3
29 Printing and bookbinding.....	231	418	623	142	3,043	1,22	316	47	1,446	226	6,068	49-7
30 Acids, alkalies and salts.....	245	344	169	472	1,134	1,212	815	1,093	603	232	6,339	50-3
31 Hosiery and knitted goods.....	283	1,100	230	394	869	1,423	542	422	2,005	284	5,849	50-4
32 Silk and artificial silk.....	2,883	512	472	312	376	519	927	455	2,387	2,616	12,018	49-2
33 Fruit and vegetable preparations.....	500	458	252	339	945	758	626	532	965	687	6,215	51-0
34 Machine shops.....	205	254	274	281	935	666	1,016	256	853	170	5,285	50-3
35 Heating and cooking apparatus.....	108	254	89	144	1,364	259	776	142	1,403	487	5,252	51-9
36 Scientific and professional equipment.....	333	255	89	337	855	484	501	1,187	1,005	187	5,758	49-3
37 Flour and feed mills.....	623	405	174	1,249	502	756	203	20	93	11	4,976	42-5
38 Boxes, wooden.....	211	1,747	1,249	502	90	1,303	192	6	296	50	5,236	45-4
39 Clothing, women's factory.....	86	668	2,469	90	1,303	76	192	6	296	50	5,236	45-4
40 Petroleum products.....	30,642	54,989	41,337	51,964	164,070	62,207	95,969	38,990	136,785	48,552	725,496	50-7
Totals, Forty Leading Industries ²	33,985	65,530	53,563	62,701	183,913	75,975	114,739	49,194	158,657	56,837	866,094	50-4
Totals, All Industries ²												

¹ Includes overtime.² Figures are exclusive of those for "butter and cheese" and "fish curing and packing"; these are among the leading industries, but figures are not available.

22.—Female Wage-Earners in the Forty Leading Industries Working Specified Weekly Hours¹ in Month of Highest Employment, 1943

NOTE.—Industries ranked according to the annual number of female wage-earners employed.

Industry	Hours Worked per Week										Total Wage-Earners	Average Hours Worked per Week
	30 or Less	31-43	44	45-47	48	49-50	51-54	55	56-64	65 or Over		
1 Miscellaneous chemical products.....	No., 1,885	No., 4,816	No., 765	No., 1,929	No., 9,744	No., 912	No., 9,166	No., 315	No., 720	No., 313	No., 30,565	No., 47.1
2 Clothing, men's factory.....	1,239	4,309	6,545	1,884	4,163	3,325	6,228	23	25	7	22,148	47.2
3 Clothing, women's factory.....	1,643	5,648	3,919	2,049	4,492	584	442	30	52	1	18,760	41.7
4 Electrical apparatus and supplies.....	1,429	2,579	832	2,101	1,764	3,776	3,401	2,175	645	244	19,036	47.0
5 Aircraft.....	1,232	1,916	1,735	1,013	3,325	773	3,837	699	3,871	692	19,036	47.0
6 Hosiery and knitted goods.....	1,410	2,617	914	2,088	2,962	2,198	1,342	1,261	1,113	204	15,109	45.0
7 Miscellaneous iron and steel products.....	1,506	2,538	501	2,498	3,590	768	1,631	1,779	2,401	606	16,808	47.3
8 Cotton yarn and cloth.....	481	431	60	2,314	1,533	6,395	1,739	898	131	63	10,997	48.4
9 Boots and shoes, leather.....	826	1,433	424	1,320	849	1,751	739	378	211	12	7,953	45.3
10 Biscuits, confectionery, cocoa, etc.....	1,821	1,385	980	1,193	916	755	642	213	149	20	8,306	41.0
11 Bread and other bakery products.....	1,191	732	679	727	2,231	517	808	213	166	12	7,276	43.6
12 Tobacco, cigars and cigarettes.....	773	2,077	360	1,016	1,285	319	510	644	2,573	611	19,016	43.8
13 Fruit and vegetable preparations.....	3,849	2,666	465	1,071	901	885	1,351	175	142	23	5,357	42.8
14 Boxes and bags, paper.....	895	1,081	447	754	692	759	569	122	158	1	5,553	42.8
15 Rubber goods, including rubber footwear.....	656	1,641	344	786	409	847	589	116	620	78	4,734	45.8
16 Automobile supplies.....	416	1,109	238	561	616	471	694	318	86	-	4,611	45.8
17 Silk and artificial silk.....	259	871	256	600	1,129	318	476	476	54	60	5,287	41.3
18 Printing and bookbinding.....	1,073	780	1,494	480	801	180	214	54	151	21	4,442	47.5
19 Brass and copper products.....	235	707	399	348	1,022	400	414	83	813	11	5,117	44.5
20 Sheet metal products.....	573	913	440	702	1,522	830	355	440	201	11	4,442	47.5
21 Hardware and tools.....	440	579	188	416	423	1,176	259	645	433	48	4,607	47.1
22 Woollen cloth.....	310	465	162	426	260	783	793	604	138	11	3,952	47.3
23 Slaughtering and meat packing.....	450	679	188	693	494	430	465	191	303	49	3,942	45.2
24 Scientific and professional equipment.....	188	474	284	369	585	490	548	67	229	1	3,235	45.2
25 Hats and caps.....	256	1,191	426	360	316	247	209	130	25	2	3,054	41.5
26 Miscellaneous paper products.....	463	901	523	413	354	412	216	20	50	2	3,054	42.9
27 Medicinal and pharmaceutical preparations.....	339	839	346	433	233	68	48	87	704	11	3,086	41.0
28 Machinery.....	182	486	280	397	266	397	483	38	50	51	2,997	47.7
29 Shipbuilding and repairs.....	190	391	569	127	1,431	192	91	38	80	7	2,086	44.8
30 Miscellaneous food products.....	435	590	465	512	468	102	238	26	130	2	2,387	42.5
31 Miscellaneous leather goods.....	314	354	608	456	353	159	80	30	31	1	2,346	47.1
32 Agricultural implements.....	72	136	64	155	1	95	146	145	140	1	2,101	45.1
33 Woollen yarn.....	287	306	96	190	159	548	221	145	69	7	2,105	43.7
34 Furniture.....	221	399	308	566	159	160	93	137	47	5	1,878	44.2
35 Glass products.....	142	399	117	320	578	132	122	6	29	-	1,903	40.8
36 Printing and publishing.....	371	406	337	183	327	151	93	47	209	46	1,927	44.3
37 Fur goods.....	168	604	237	144	246	109	117	372	32	2	1,859	44.4
38 Narrow fabrics, laces, etc.....	70	146	65	122	727	165	131	-	32	-	1,725	44.9
39 Corsets.....	70	158	249	751	311	123	63	-	5	-	1,753	44.0
40 Gloves and mittens, leather.....	200	168	297	235	316	427	99	6	-	-	1,753	44.0
Totals, Forty Leading Industries ²	28,277	49,867	28,186	31,685	50,910	33,950	32,786	11,865	15,936	3,325	286,787	45.1
Totals, All Industries ²	34,421	60,225	35,401	38,160	62,170	39,631	36,492	13,507	18,073	3,828	341,908	44.8

¹ Includes overtime.

² Figures are exclusive of those for "butter and cheese" and "fish curing and packing"; these are among the leading industries but figures are not available.

Subsection 3.—Salaries and Wages in Manufacturing Industries

In 1943 the 27,652 establishments covered employed 193,195 salaried employees and 1,047,873 wage-earners, a total of 1,241,068 persons. Out of every 1,000 persons employed in manufacturing 156 were classed as salary earners and 844 as wage-earners; the former earned 19.6 p.c. and the latter 80.4 p.c. of the total amount paid out as remuneration for services.

A notable feature during the past few years was the reduction in the disparity between average annual salaries and wages. Whereas in 1939 average annual wages were only 55.8 p.c. of average annual salaries, in 1943 the percentage rose to 75.8. This tendency towards equalization was, in part, due to the controls adopted by the Government which tended to stabilize salaries more so than wages. The increase in average wages was also influenced by the fact that large numbers of wage-earners were employed in the highly paid iron and steel industries and by the increase in number of hours worked, some of it at overtime pay.

Ontario has a larger proportion of females among its salaried employees than the other provinces. The same situation prevails in Quebec with regard to wage-earners, due, no doubt, to the textile industries of the Province. The importance of the textile industries in providing employment to females is strikingly illustrated by the fact that of all female wage-earners engaged in the manufacturing industries of Canada, 30 p.c. were found in the textile group. Normally the percentage is much higher. In 1942 and 1943 large numbers of female wage-earners were employed in the aircraft and miscellaneous chemical industries. For this reason the percentage employed in the textile industries declined.

The average salary in 1943 amounted to \$2,013 which was \$267 or 15.3 p.c. higher than in 1939. Salaried employees in Ontario with \$2,107 received the highest salary. Quebec came second with \$1,994 and British Columbia third with \$1,935. The fact that head offices of many large corporations are located in Montreal, Toronto, Vancouver and Winnipeg tends to raise the average salaries in the provinces in which these cities are located.

23.—Salaries and Wages Paid in Manufacturing Industries, by Provinces and Industrial Groups, 1943, with Totals for Significant Years, 1917-42

Year	Salaries				Wages			
	Salaried Employees		Total Salaries	Average Salaries	Wage-Earners		Total Wages	Average Wages
	Male	Female			Male	Female		
	No.	No.	\$	\$	No.	No.	\$	\$
1917	64,918		85,353,667	1,315	541,605		412,448,177	762
1920	78,334		141,837,361	1,811	520,559		575,656,515	1,106
1922	71,586		129,836,831	1,814	384,670		359,560,399	925
1924	54,379	15,641	130,344,822	1,852	322,719	94,871	494,122,853	968
1926 ¹	58,245	17,092	142,353,900	1,890	374,244	109,580	483,328,812	999
1929 ¹	67,731	21,110	175,553,710	1,976	454,768	122,922	601,737,507	1,042
1930 ¹	64,161	20,550	169,992,216	2,007	416,790	113,195	527,563,162	995
1931 ²	71,198	20,293	172,289,095	1,853	337,636	99,513	415,277,895	950
1932	68,264	18,786	151,355,790	1,739	288,817	92,966	322,245,926	844

¹ The averages of wage-earners and earnings for the years 1931 to 1943 are strictly comparable with those for the years up to 1925 but not with those for the intervening years. The figures for the latest years—as for the earliest—represent the earnings for complete man-years of work, with no allowance for periods of unemployment. The difference amounts only to about 3 or 4 p.c. in the total figures and affects chiefly the seasonal industries.

² The increase in the number of salaried employees in 1931 is due to the following changes in method: (1) Prior to 1931 working proprietors, such as bakers, sawmill operators, small clothing manufacturers, etc., were required to report themselves as wage-earners. In 1931 and subsequent years, however, all such proprietors reported themselves as salaried employees. (2) In 1931 travelling salesmen who were attached to the plant, and devoted all or the greater part of their time to selling the products of that plant, were included with salaried employees. Prior to this they were not reported at all.

23.—Salaries and Wages Paid in Manufacturing Industries, by Provinces and Industrial Groups, 1943, with Totals for Significant Years, 1917-42 —concluded

Year, Province or Industrial Group	Salaries				Wages			
	Salaried Employees		Total Salaries	Average Salaries	Wage-Earners		Total Wages	Average Wages
	Male	Female			Male	Female		
	No.	No.	\$	\$	No.	No.	\$	\$
1933.....	67,875	18,761	139,317,946	1,608	287,266	94,756	296,929,878	777
1934.....	71,963	20,132	148,760,126	1,615	326,598	101,119	355,090,929	830
1935.....	76,213	21,717	160,455,080	1,638	353,790	104,944	399,012,697	870
1936.....	81,409	23,008	173,198,057	1,659	379,977	109,965	438,873,377	896
1937.....	91,092	24,735	195,983,475	1,692	427,285	117,339	525,743,562	965
1938.....	95,270	25,319	207,386,381	1,719	409,172	112,255	498,282,208	956
1939.....	98,165	26,607	217,839,334	1,746	415,488	117,854	519,971,819	975
1940.....	104,267	31,493	241,599,761	1,780	491,439	135,045	679,273,104	1,084
1941.....	117,251	41,693	286,336,861	1,801	626,825	175,409	978,525,782	1,220
1942.....	123,125	54,062	334,870,793	1,890	732,319	242,585	1,347,934,049	1,383
PROVINCE, 1943 ¹								
Prince Edward Island....	271	68	307,549	907	815	398	990,563	817
Nova Scotia.....	2,972	1,109	6,625,069	1,623	28,033	5,331	48,580,643	1,456
New Brunswick.....	2,380	867	5,664,351	1,744	16,029	3,949	24,786,830	1,241
Quebec.....	43,885	18,757	124,885,674	1,994	262,141	112,464	533,437,946	1,424
Ontario.....	60,493	35,552	202,362,514	2,107	337,710	136,262	754,036,698	1,591
Manitoba.....	4,408	1,878	11,760,728	1,871	22,940	7,777	42,081,097	1,370
Saskatchewan.....	2,196	803	4,474,979	1,492	7,114	1,570	11,970,887	1,378
Alberta.....	3,018	1,181	6,935,127	1,652	13,007	3,407	22,559,242	1,374
British Columbia.....	9,039	4,301	25,812,131	1,935	75,022	13,859	159,899,642	1,799
Yukon and Northwest Territories.....	17	-	29,383	1,728	43	2	91,331	2,030
Totals, 1943.....	128,679	64,516	388,857,505	2,013	762,854	285,019	1,598,434,879	1,525
INDUSTRIAL GROUP, 1943 ¹								
Vegetable products.....	17,007	7,262	46,834,700	1,930	57,854	35,120	110,898,679	1,193
Animal products.....	12,564	4,629	29,678,029	1,726	49,415	21,429	84,789,552	1,197
Textiles and textile products.....	11,987	6,888	43,890,793	2,325	52,733	86,379	147,414,835	1,060
Wood and paper products.....	26,767	9,768	68,036,425	1,862	124,277	23,053	196,808,367	1,336
Iron and its products.....	31,852	19,312	105,475,801	2,062	330,773	53,817	727,907,883	1,893
Non-ferrous metal products.....	10,521	6,178	36,085,180	2,161	68,147	24,676	150,789,216	1,624
Non-metallic mineral products.....	3,781	1,583	11,927,013	2,224	22,716	2,914	41,355,327	1,614
Chemicals and allied products.....	10,430	6,722	35,091,843	2,046	45,338	29,798	111,585,351	1,485
Miscellaneous products.....	3,770	2,174	11,837,721	1,992	11,611	7,833	26,885,669	1,383

¹For a subdivision of annual earnings of wage-earners, by sex, see Table 26.

The average wage in 1943 amounted to \$1,525 which was \$550 or 56.4 p.c. higher than in 1939. Manufacturing industries in British Columbia paid the highest average wages of \$1,799, followed by Ontario with \$1,591, Nova Scotia \$1,456, Quebec \$1,424, Saskatchewan \$1,378, etc. The high figures shown for Yukon and the Northwest Territories in regard to average wages are due to the unusual conditions under which industry is carried on in these regions and are not representative. Statistics of the distribution of employees by provinces and groups as well as average annual earnings are given in Table 23, and for a subdivision of wage-earners, by sex, see Table 26.

Average Annual Earnings in the Forty Leading Industries.—In only 6 industries did average salaries exceed \$2,500 in 1943; bridge and structural steel, pulp and paper, breweries, petroleum products, cotton yarn and cloth and automobiles. In 22 they ranged between \$2,000 and \$2,500, in 9 they ranged between \$1,500 and \$2,000, and in the remaining 3 they were below \$1,500. The lowest salaries were reported by the sawmilling and butter and cheese industries each of which includes a large proportion of small establishments.

The highest wages, those above \$1,900, were paid in 6 industries, in all of which the proportion of skilled workers is high and the proportion of female workers is low. The automobile industry with \$2,351 was the highest in this group, followed by shipbuilding and repairs with \$2,036, bridge and structural steel \$2,025, petroleum products \$1,947, miscellaneous iron and steel products \$1,946, and railway rolling-stock \$1,925. In 13 other industries average wages ranged between \$1,600 and \$1,900 in all of which the proportion of female workers is low. In 14 other industries average wages ranged between \$1,100 and \$1,600 while in the remaining 7 they were below \$1,100. The latter group includes industries made up of a large number of small establishments and in which the proportion of female workers is high. Employment by sex and average annual earnings in the 40 leading industries is given in Table 24, and annual earnings by sex in Tables 27 and 28.

24.—Salaries and Wages Paid in the Forty Leading Industries, 1943, with Comparative Figures of Average Salaries and Wages Paid in 1942

NOTE.—Industries ranked according to the aggregate salaries and wages paid. For a subdivision of annual earnings of wage-earners, by sex, see Tables 27 and 28.

Industry	Salaries					Wages				
	Salaried Employees		Total Salaries	Average Salaries		Wage-Earners		Total Wages	Average Wages	
	Male	Female		1943	1942	Male	Female		1943	1942
No.	No.	\$	\$	\$	No.	No.	\$	\$	\$	
1 Shipbuilding and re-repairs.....	3,568	1,776	10,054,058	1,881	1,718	68,153	2,350	143,541,278	2,036	1,846
2 Aircraft.....	5,302	4,632	15,346,887	1,545	1,494	44,420	15,175	111,479,821	1,871	1,733
3 Miscellaneous iron and steel products.....	3,764	2,299	13,092,925	2,159	1,716	28,999	13,505	82,717,380	1,946	1,749
4 Miscellaneous chemical products.....	4,424	2,579	13,594,284	1,941	1,653	29,943	24,482	80,901,747	1,486	1,331
5 Electrical apparatus and supplies.....	5,497	3,616	19,509,058	2,141	2,009	22,132	15,683	57,397,936	1,518	1,443
6 Pulp and paper.....	3,972	1,412	14,663,655	2,724	2,686	30,507	1,129	56,535,767	1,787	1,701
7 Primary iron and steel.	1,734	955	6,263,581	2,329	2,286	30,032	1,501	59,390,887	1,883	1,797
8 Railway rolling-stock.	1,870	399	5,118,819	2,256	2,314	27,649	577	54,323,860	1,925	1,839
9 Automobiles.....	2,145	1,219	8,426,267	2,505	2,191	20,630	271	49,142,998	2,351	2,135
10 Machinery.....	3,186	1,917	10,905,591	2,137	1,946	20,740	2,396	41,912,453	1,812	1,701
11 Sawmills.....	6,648	564	7,139,172	990	926	35,469	1,273	42,425,131	1,155	1,057
12 Non-ferrous metal smelting and refining.	2,456	919	7,160,290	2,122	2,014	22,577	797	41,331,442	1,768	1,729
13 Brass and copper products.....	1,387	761	5,100,651	2,375	2,038	15,719	4,032	35,630,550	1,804	1,629
14 Automobile supplies...	1,455	1,012	5,396,823	2,188	2,094	14,748	4,416	34,931,744	1,823	1,721
15 Clothing, men's factory	2,774	1,277	9,371,388	2,313	2,151	7,355	19,479	27,895,687	1,040	977
16 Hardware and tools...	1,477	1,181	6,153,810	2,315	2,005	12,686	3,884	27,068,277	1,634	1,542
17 Bread and other bakery products.....	3,211	1,166	6,153,520	1,406	1,293	16,082	6,370	26,737,540	1,191	1,108
18 Clothing, women's factory.....	2,736	1,552	9,614,045	2,242	2,014	4,657	16,807	22,771,432	1,061	975
19 Slaughtering and meat packing.....	2,714	1,225	7,988,986	2,028	1,966	11,637	3,199	22,005,654	1,483	1,410
20 Printing and publishing	5,599	3,150	15,209,561	1,738	1,632	7,570	1,644	14,514,828	1,575	1,505

24.—Salaries and Wages Paid in the Forty Leading Industries, 1943, with Comparative Figures of Average Salaries and Wages Paid in 1942—concluded

Industry	Salaries						Wages					
	Salaried Employees		Total Salaries	Average Salaries			Wage-Earners		Total Wages	Average Wages		
	Male	Female		1943	1942		Male	Female		1943	1942	
	No.	No.	\$	\$	\$		No.	No.	\$	\$	\$	
21 Castings, iron.....	1,068	562	3,607,731	2,213	2,016		13,484	802	25,120,125	1,758	1,662	
22 Cotton yarn and cloth.	666	510	3,019,462	2,568	2,476		12,057	10,293	25,126,749	1,124	1,070	
23 Sheet metal products..	1,365	897	4,712,027	2,083	2,099		10,746	3,947	21,865,881	1,488	1,366	
24 Rubber goods, including rubber footwear..	1,754	1,009	5,772,177	2,089	2,175		8,681	4,469	19,570,331	1,488	1,388	
25 Agricultural implements.....	1,204	715	3,734,420	1,946	1,835		10,297	1,849	20,863,460	1,718	1,516	
26 Hosiery and knitted goods.....	1,303	917	5,053,371	2,276	2,104		6,086	14,038	18,796,615	934	879	
27 Butter and cheese.....	4,393	1,427	7,091,185	1,218	1,112		11,748	1,613	16,745,181	1,253	1,153	
28 Bridge and structural steel.....	880	369	3,479,351	2,786	2,594		9,228	497	19,696,521	2,025	2,007	
29 Boots and shoes, leather.....	1,601	609	4,839,365	2,190	2,016		8,967	7,488	16,838,433	1,023	906	
30 Printing and bookbinding.....	2,936	1,234	7,793,465	1,869	1,820		6,714	4,060	13,431,838	1,247	1,186	
31 Scientific and professional equipment....	1,512	1,019	4,804,517	1,898	—		4,700	2,975	13,935,440	1,816	1,320	
32 Furniture.....	1,307	477	3,634,325	2,037	1,893		9,978	1,678	14,289,491	1,226	1,153	
33 Planing mills, sash and door factories.....	1,611	446	3,525,505	1,714	1,529		9,986	1,374	13,643,433	1,201	1,103	
34 Biscuits, confectionery, cocoa and chocolate..	1,950	787	6,050,742	2,211	2,093		3,968	6,764	9,988,145	931	874	
35 Acids, alkalies and salts.....	1,086	388	3,519,362	2,388	2,298		6,122	449	11,538,361	1,756	1,680	
36 Silk and artificial silk..	661	436	2,666,842	2,431	2,374		5,600	4,223	11,047,316	1,125	1,050	
37 Breweries.....	1,420	274	4,594,285	2,712	2,811		4,556	363	8,257,811	1,679	1,581	
38 Petroleum products....	1,006	342	3,524,801	2,615	2,465		4,614	123	9,223,931	1,947	1,797	
39 Fruit and vegetable preparations.....	1,155	630	3,158,358	1,769	1,722		4,996	5,113	9,192,110	909	806	
40 Boxes and bags, paper.	878	563	3,343,532	2,320	2,433		3,863	4,719	8,768,242	1,022	1,010	
Totals, Forty Leading Industries.....	95,675	47,222	284,188,194	1,989	1,866		628,096	215,807	1,340,595,826	1,589	1,441	
Grand Totals, All Industries.....	128,679	64,516	388,857,505	2,013	1,890		762,854	285,019	1,598,434,879	1,525	1,383	

Average Annual, Weekly and Hourly Earnings.—In comparing earnings by provinces or groups, consideration should be given to the type of industries in each case since the distribution of industries has very definitely a regional significance. In some industries a labour force possessing deftness and speed or the ability to exercise muscular strength is necessary, in others the labour force must exercise craftsmanship or possess a high degree of technical knowledge. Workers in these latter industries naturally command relatively higher wages than those employed in industries whose employees are routine workers.

The ranking of provinces and industries as regards annual earnings is in many cases different to that of weekly or hourly earnings since the factors of number of weeks worked per year and number of hours worked per week enter into the picture. So that, while in general the same observations apply, a close study of the differences between the averages shown in Tables 23 and 24 will be of value to the student.

The figures given in Tables 25 to 28 are based on an analysis of a pay-list covering one week in the month of highest employment. For this reason the figures do not refer to any particular month, since the month of highest employment might be May for one firm and October for another; they represent the summation of the different months of highest employment as reported by all the firms. For a particular industry, however, the month of highest employment is more significant as in such case it coincides for a great number of firms engaged in the same industry.

Average weekly earnings of male wage-earners for manufacturing as a whole amounted to \$33·80 in 1943, an increase of \$11·57 or 52·1 p.c. as compared with 1939. Average hourly earnings advanced from 46·2 cents in 1939 to 67·1 cents in 1943. Due to an increase of 2·3 hours in the working week, the increase in hourly earnings was only 45·3 p.c. Annual earnings at \$1,726 were 60·4 p.c. higher.

Female wage-earners received on an average \$19·33 per week in 1943, an increase of \$6·55 or 51·3 p.c. as compared with 1939. Hourly earnings at 43·1 cents were 52·3 p.c. higher, while annual earnings at \$987 were 59·5 p.c. higher.

25.—Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners, 1934-43

Year	Average Earnings			Hours Worked per Week
	Annual	Weekly	Hourly	
1934..... 1935..... 1936..... 1937..... 1938..... 1939..... 1940..... 1941..... 1942..... 1943.....	MALE			
	\$	\$	\$	No.
	930	20·31	0·407	49·91
	966	20·41	0·413	49·41
	995	20·92	0·423	49·41
	2	2	2	2
	1,055	21·49	0·454	47·3
	1,076	22·23	0·462	48·1
	1,202	24·83	0·488	50·9
	1,355	27·72	0·538	51·5
	1,558	31·75	0·619	51·3
	1,726	33·80	0·671	50·4
	FEMALE			
	539	11·80	0·251	46·91
	570	12·04	0·259	46·51
	577	12·20	0·262	46·51
	2	2	2	2
	594	12·10	0·271	44·6
	619	12·78	0·283	45·2
	655	13·52	0·286	47·3
	736	15·05	0·320	47·6
	854	17·41	0·371	46·9
	987	19·33	0·431	44·8

¹ Estimated on the basis of hours worked by female wage-earners in 1938 and 1939 as compared with those worked by male wage-earners in those years.

² Not available.

26.—Average Annual, Weekly and Hourly Earnings of Wage-Earners, Classified by Sex, Province and Industrial Group, 1943

Province or Industrial Group	Average Earnings			Hours Worked per Week
	Annual	Weekly	Hourly	
MALE				
	\$	\$	Cents	No.
Prince Edward Island.....	992	26.44	47.2	56.0
Nova Scotia.....	1,571	32.22	61.5	52.4
New Brunswick.....	1,369	26.69	50.9	52.4
Quebec.....	1,642	32.49	62.2	52.2
Ontario.....	1,812	34.99	70.4	49.7
Manitoba.....	1,553	30.86	62.6	49.3
Saskatchewan.....	1,461	29.34	56.8	51.7
Alberta.....	1,492	29.49	59.7	49.4
British Columbia.....	1,903	37.57	81.3	46.2
Yukon and Northwest Territories.....	2,092	46.38	95.6	48.5
Canada ¹	1,726	33.80	67.1	50.4
Vegetable products.....	1,440	27.81	55.4	50.2
Animal products ¹	1,369	28.58	58.2	49.1
Textiles and textile products.....	1,406	28.14	57.5	48.9
Wood and paper products.....	1,431	27.86	54.3	51.3
Iron and its products.....	1,978	38.92	76.3	51.0
Non-ferrous metal products.....	1,799	34.97	69.9	50.0
Non-metallic mineral products.....	1,698	32.75	66.6	49.2
Chemicals and allied products.....	1,788	33.42	67.8	49.3
Miscellaneous industries.....	1,643	32.87	67.4	48.8
FEMALE				
	\$	\$	Cents	No.
Prince Edward Island.....	459	12.25	23.2	52.8
Nova Scotia.....	853	17.51	37.1	47.2
New Brunswick.....	720	14.04	30.7	45.7
Quebec.....	916	18.09	39.4	45.9
Ontario.....	1,042	20.13	45.9	43.9
Manitoba.....	829	16.43	38.0	43.4
Saskatchewan.....	1,005	20.19	41.9	48.2
Alberta.....	925	18.30	40.5	45.2
British Columbia.....	1,239	24.46	56.0	43.7
Yukon and Northwest Territories.....	676	15.00	25.0	60.0
Canada ¹	987	19.33	43.1	44.8
Vegetable products.....	785	15.16	35.3	43.0
Animal products ¹	799	16.70	37.4	44.7
Textiles and textile products.....	848	16.97	38.0	44.6
Wood and paper products.....	821	16.00	37.0	43.2
Iron and its products.....	1,371	26.98	57.2	47.2
Non-ferrous metal products.....	1,144	22.24	48.0	46.3
Non-metallic mineral products.....	954	18.42	41.3	44.6
Chemicals and allied products.....	1,025	19.16	41.9	45.7
Miscellaneous industries.....	997	19.96	46.1	43.3

¹ Exclusive of "butter and cheese" and "fish-curing and packing" plants.

27.—The Forty Leading Industries Employing the Greatest Numbers of Male Wage-Earners, Ranked According to the Average Annual, Weekly and Hourly Earnings, 1943

NOTE.—For the rank of these industries as regards the annual employment of male wage-earners, see Table 21.

Industry	Average Weekly Earnings		Average Hourly Earnings		Average Annual Earnings		Average Hours Worked per Week
	Amount	Rank	Amount	Rank	Amount	Rank	
	\$		Cents		\$		No.
1 Automobiles.....	46·18	1	98·5	1	2,371	1	46·9
2 Scientific and professional equipment.....	43·88	2	86·0	3	2,124	3	51·0
3 Miscellaneous iron and steel products.....	41·40	3	79·5	6	2,173	2	52·1
4 Shipbuilding and repairs.....	40·55	4	80·8	5	2,051	5	50·2
5 Automobile supplies.....	40·14	5	78·4	9	2,000	6	51·2
6 Aircraft.....	39·68	6	74·6	13	1,967	8	53·2
7 Bridge and structural steel.....	38·85	7	75·4	12	2,071	4	51·5
8 Brass and copper products.....	38·57	8	76·1	11	1,929	10	50·7
9 Acids, alkalies and salts.....	38·07	9	76·6	10	1,801	18	49·7
10 Petroleum products.....	37·38	10	82·3	4	1,971	7	45·4
11 Primary iron and steel.....	37·35	11	73·5	15	1,913	12	50·8
12 Railway rolling-stock.....	37·29	12	78·7	8	1,941	9	47·4
13 Clothing, women's factory.....	37·05	13	87·2	2	1,773	22	42·5
14 Machinery.....	36·98	14	68·6	21	1,890	13	53·9
15 Agricultural implements.....	36·54	15	74·3	14	1,796	19	49·2
16 Electrical apparatus and supplies.....	36·22	16	70·6	18	1,822	15	51·3
17 Machine shops.....	35·95	17	70·5	19	1,714	24	51·0
18 Hardware and tools.....	35·70	18	67·0	25	1,803	17	53·3
19 Castings, iron.....	35·39	19	68·3	22	1,795	20	51·8
20 Pulp and paper.....	35·01	20	67·3	24	1,814	16	52·0
21 Rubber goods, including rubber footwear.....	34·91	21	72·1	17	1,919	11	48·4
22 Printing and publishing.....	34·47	22	79·1	7	1,763	23	43·6
23 Miscellaneous chemical products.....	33·69	23	67·7	23	1,828	14	49·8
24 Sheet metal products.....	32·72	24	65·2	27	1,658	25	50·2
25 Non-ferrous metal smelting and refining.....	31·91	25	66·5	26	1,778	21	48·0
26 Clothing, men's factory.....	31·80	26	72·3	16	1,568	27	44·0
27 Slaughtering and meat-packing.....	31·38	27	62·1	29	1,596	26	50·5
28 Heating and cooking apparatus.....	31·37	28	62·4	28	1,538	29	50·3
29 Printing and bookbinding.....	31·14	29	68·7	20	1,568	28	45·3
30 Hosiery and knitted goods.....	27·63	30	54·9	30	1,328	33	50·3
31 Flour and feed mills.....	27·00	31	52·0	34	1,371	32	51·9
32 Bread and other bakery products.....	26·78	32	51·6	35	1,390	30	51·9
33 Silk and artificial silk.....	26·42	33	52·4	33	1,374	31	50·4
34 Furniture.....	26·30	34	54·3	31	1,280	35	48·4
35 Planing mills, sash and door factories.....	25·59	35	50·6	36	1,233	36	50·6
36 Boots and shoes, leather.....	25·59	36	53·4	32	1,222	37	47·9
37 Cotton yarn and cloth.....	25·49	37	50·5	37	1,319	34	50·5
38 Sawmills.....	24·00	38	44·2	40	1,162	38	54·3
39 Boxes, wooden.....	23·55	39	47·8	38	1,139	39	49·3
40 Fruit and vegetable preparations.....	22·37	40	45·5	39	1,113	40	49·2
Average, Forty Leading Industries.....	34·67	—	68·4	—	1,784	—	50·7
Average, All Industries ¹.....	33·80	—	67·1	—	1,726	—	50·4

¹ Exclusive of "butter and cheese" and "fish-curing and packing" plants.

28.—The Forty Leading Industries Employing the Greatest Numbers of Female Wage-Earners, Ranked According to the Average Annual, Weekly and Hourly Earnings, 1943

NOTE.—For the rank of these industries as regards the annual employment of female wage-earners, see Table 22.

Industry	Average Weekly Earnings		Average Hourly Earnings		Average Annual Earnings		Average Hours Worked per Week
	Amount	Rank	Amount	Rank	Amount	Rank	
	\$		Cents		\$		
1 Aircraft.....	32.04	1	65.4	2	1,587	2	49.0
2 Shipbuilding and repairs.....	31.59	2	70.5	1	1,598	1	44.8
3 Miscellaneous iron and steel products.....	27.83	3	58.8	4	1,460	3	47.3
4 Scientific and professional equipment.....	27.47	4	59.1	3	1,330	4	46.5
5 Brass and copper products.....	26.34	5	55.5	5	1,318	5	47.5
6 Agricultural implements.....	26.06	6	54.6	6	1,281	6	47.7
7 Automobile supplies.....	24.67	7	53.9	7	1,230	7	45.8
8 Machinery.....	22.15	8	46.4	9	1,132	8	47.7
9 Electrical apparatus and supplies.....	21.63	9	46.2	10	1,089	9	47.0
10 Hardware and tools.....	21.40	10	45.4	14	1,080	11	47.1
11 Slaughtering and meat packing.....	21.07	11	46.6	8	1,071	12	45.2
12 Fur goods.....	20.27	12	45.8	12	979	15	44.3
13 Sheet metal products.....	20.24	13	45.5	13	1,026	14	44.5
14 Miscellaneous chemical products.....	19.72	14	41.9	18	1,069	13	47.1
15 Rubber goods, including rubber footwear.....	19.66	15	45.9	11	1,081	10	42.8
16 Furniture.....	18.55	16	42.4	17	902	17	43.7
17 Clothing, women's factory.....	18.04	17	43.3	15	863	21	41.7
18 Glass products.....	17.91	18	40.5	19	929	16	44.2
19 Hats and caps.....	17.62	19	42.5	16	852	22	41.5
20 Woollen cloth.....	17.56	20	37.1	23	898	18	47.3
21 Cotton yarn and cloth.....	17.34	21	35.8	25	897	19	48.4
22 Clothing, men's factory.....	17.03	22	39.1	20	840	24	43.6
23 Narrow fabrics, laces, etc.....	16.65	23	37.5	22	864	20	44.4
24 Hosiery and knitted goods.....	15.88	24	35.3	27	764	29	45.0
25 Medicinal and pharmaceutical preparations.....	15.57	25	38.2	21	852	23	41.0
26 Silk and artificial silk.....	16.26	26	33.3	33	794	27	45.8
27 Woollen yarn.....	15.25	27	33.8	32	803	26	45.1
28 Tobacco, cigars and cigarettes.....	15.25	28	36.5	24	807	25	41.8
29 Miscellaneous paper products.....	15.19	29	35.4	26	785	28	42.9
30 Boots and shoes, leather.....	15.04	30	33.2	35	719	32	45.3
31 Miscellaneous leather goods.....	14.80	31	34.8	28	723	31	42.5
32 Boxes and bags, paper.....	14.75	32	34.5	29	752	30	42.8
33 Gloves and mittens, leather.....	14.50	33	33.0	36	718	33	44.0
34 Fruit and vegetable preparations.....	14.27	34	32.7	37	710	36	43.6
35 Printing and bookbinding.....	14.20	35	34.4	30	715	34	41.3
36 Miscellaneous food products.....	14.15	36	33.3	34	700	37	42.5
37 Printing and publishing.....	13.90	37	34.1	31	711	35	40.8
38 Corsets.....	13.46	38	30.0	40	681	40	44.9
39 Bread and other bakery products.....	13.23	39	30.3	39	687	39	43.6
40 Biscuits, confectionery, cocoa, etc.....	13.14	40	32.0	38	690	38	41.0
Average, Forty Leading Industries.....	19.50	—	43.2	—	993	—	45.1
Average, All Industries ¹.....	19.33	—	43.1	—	987	—	44.8

¹ Exclusive of "butter and cheese" and "fish-curing and -packing" plants.

Real Earnings of Employees in Recent Years.—When the index number representing the average yearly wages is divided by the index number of the cost of living, on the same base, a measure of "real" wages is obtained. Index numbers for 1931 to 1943 are given in Table 29. In 1933, the height of the depression, real wages were 88.3 on the 1935-39 base. From then on they rose steadily and stood at 139.0 in 1943, an increase of about 57 p.c.

29.—Average Yearly Earnings, and Index Numbers of Earnings, Cost of Living and Real Wages of Wage-Earners, in Manufacturing Industries, 1931-43

NOTE.—Figures on the 1917 base, with qualifications as to comparability, for 1917 to 1930 are published at p. 421 of the 1939 Canada Year Book.

Year	Wages Paid	Average Wage-Earners	Average Yearly Earnings	Index Numbers (1935-39=100)		
				Average Yearly Earnings	Cost of Living	Real Value of Average yearly Earnings
	\$	No.	\$			
1931.....	415,277,895	437,149	950	101.9	109.1	93.4
1932.....	322,245,926	381,783	844	90.6	99.0	91.5
1933.....	296,929,878	382,022	777	83.4	94.4	88.3
1934.....	355,090,929	427,717	830	89.1	95.7	93.1
1935.....	399,012,697	458,734	870	93.3	96.2	97.0
1936.....	438,873,377	489,942	896	96.1	98.1	98.0
1937.....	525,743,562	544,624	965	103.5	101.2	102.3
1938.....	498,282,208	521,427	956	102.6	102.2	100.4
1939.....	519,971,819	533,342	975	104.6	101.5	103.1
1940.....	679,273,104	626,484	1,084	116.3	105.6	110.1
1941.....	978,525,782	802,234	1,220	130.9	111.7	117.2
1942.....	1,347,934,049	974,904	1,383	148.4	117.0	126.8
1943.....	1,598,434,879	1,047,873	1,525	163.6	118.4	139.0

Percentages of Salaries and Wages to Net Value of Products.—Table 30 shows the relation between salaries and wages paid by manufacturers and the total net value of production. Figures of gross production are often used in such calculations, but the values out of which the wages of employees must come in the long run are the values added to the raw materials while they are in the factory. Such added values constitute the real production of the manufacturing plant and are alone available for payment of salaries and wages, interest, rent and taxes, repairs, and all other overhead charges that ordinarily must be met. The percentage declined steadily with the increasing manufacturing production from 1924 to 1929, while from 1931 to 1935 and again in 1938 and 1939, due to decreased industrial activity, the percentage of salaries to value added was above normal. It should be borne in mind, however, that salaried employees increased 176 p.c. during the period 1924-43 while wage-earners increased but 151 p.c. The percentage of wages has fluctuated much less than that of salaries. The number of wage-earning employees may be more rapidly adjusted to the activity of the industry and wage levels likewise may be more readily adjusted to the price levels of the products. Of the increase in the net value of production since 1939 amounting to \$2,285,361,640, \$1,249,481,231 or 54.7 p.c. was passed along in increased salaries and wages.

30.—Percentages of Salaries and Wages Paid to the Total Net Values of Manufacturing Production, 1924-43

Year	Value Added by Processes of Manufacture ¹	Salaries Paid	Wages Paid	Percentages—		
				of Salaries to Value Added	of Wages to Value Added	of Total Salaries and Wages to Value Added
	\$	\$	\$	p.c.	p.c.	p.c.
1924.....	1,075,458,459	130,344,822	404,122,853	12.1	37.6	49.7
1925.....	1,167,936,726	133,409,498	436,534,944	11.4	37.4	48.8
1926.....	1,305,168,549	142,353,900	483,328,342	10.9	37.0	47.9
1927.....	1,427,649,292	151,419,411	511,285,921	10.6	35.8	46.4
1928.....	1,597,887,676	162,903,007	558,568,627	10.2	35.0	45.2
1929.....	1,755,386,937	175,553,710	601,737,507	10.0	34.3	44.3
1930.....	1,522,737,125	169,992,216	527,563,162	11.2	34.6	45.8
1931.....	1,252,017,248	172,289,095	415,277,895	13.8	33.2	47.0
1932.....	955,960,724	151,355,790	322,245,926	15.8	33.7	49.5
1933.....	919,671,181	139,317,946	296,929,878	15.1	32.3	47.4
1934.....	1,087,301,742	148,760,126	355,090,929	13.7	32.7	46.4
1935.....	1,153,485,104	160,455,080	399,012,697	13.9	34.6	48.5
1936.....	1,289,592,672	173,198,057	438,873,377	13.4	34.0	47.4
1937.....	1,508,924,867	195,983,475	525,743,562	13.0	34.8	47.8
1938.....	1,428,286,778	207,386,381	498,282,208	14.5	34.9	49.4
1939.....	1,531,051,901	217,839,334	519,971,819	14.2	34.0	48.2
1940.....	1,942,471,238	241,599,761	679,273,104	12.0	35.0	47.0
1941.....	2,605,119,788	286,336,861	978,525,782	11.0	37.6	48.6
1942.....	3,309,973,758	334,870,793	1,347,934,049	10.1	40.7	50.8
1943.....	3,816,413,541	388,857,505	1,598,434,879	10.2	42.0	52.2

¹ Equivalent to "net value of products"; see footnote 1, Table 1, p. 7.

Subsection 4.—Size of Manufacturing Establishments

The size of the manufacturing establishment is generally measured either by the value of product, or by the number of employees, but each of these methods has its limitations. The latter takes no account of the differences in capital equipment at different times or in various industries and obviously the increased use of machinery, as in the flour-milling industry, may lead to an increase in production concurrently with a decrease in the number of employees. The former measure has to be adjusted for changes in the price level; and, as between industries, it makes those in which the cost of raw materials is relatively high, appear to operate on a larger scale.

Size as Measured by Gross Value of Products.—While in 1922 the 420 establishments each producing over \$1,000,000 had an aggregate value of products of \$1,268,056,129 or 51 p.c. of the total production of all manufacturing industries the 719 establishments producing over \$1,000,000 each in 1929 had an aggregate value of products of \$2,516,064,954, or 62 p.c. of the grand total for all manufacturing establishments—a very significant change in the short period of eight years. In 1931, however, the number of plants with a production of over \$1,000,000 dropped again to 482, their output being valued at \$1,451,658,954, or 53 p.c. of the total. With the increased production resulting from war needs, the number of plants with a production of \$1,000,000 or over jumped to 1,287 in 1943, and their output was about 76 p.c. of the total value of manufactures.

31.—Manufacturing Establishments, Grouped According to Gross Value of Products, with Totals and Average Values of Products in each Class, for Canada, 1929, 1939, 1942 and 1943

Group of Gross Values	1929 ¹			1939 ²		
	Estab- lishments	Total Production	Average per Estab- lishment	Estab- lishments	Total Production	Average per Estab- lishment
	No.	\$	\$	No.	\$	\$
Under \$25,000.....	14,024	106,735,470	7,611	15,623	120,903,054	7,738
\$ 25,000 but under \$ 50,000....	2,802	99,529,725	35,521	2,803	99,558,383	35,519
50,000 " 100,000.....	2,209	156,308,744	70,760	2,215	156,410,769	70,614
100,000 " 200,000.....	1,688	237,532,492	140,718	1,584	225,582,130	142,413
200,000 " 500,000.....	1,519	504,218,217	331,941	1,285	390,626,844	303,990
500,000 " 1,000,000.....	636	443,597,677	697,481	689	466,441,130	676,983
1,000,000 " 5,000,000.....	601	1,217,866,089	2,026,400	520	1,091,293,939	2,098,642
5,000,000 and over.....	118	1,298,198,865	11,001,685	81	923,724,311	11,404,004
Totals and Averages.....	23,597	4,063,987,279	172,225	24,800	3,474,540,560	140,102
	1942			1943		
	Estab- lishments	Total Production	Average per Estab- lishment	Estab- lishments	Total Production	Average per Estab- lishment
	No.	\$	\$	No.	\$	\$
Under \$25,000.....	14,795	122,480,176	8,278	13,954	124,794,223	8,943
\$ 25,000 but under \$ 50,000....	3,747	133,241,883	35,560	3,781	135,438,061	35,821
50,000 " 100,000.....	2,972	210,027,304	70,669	3,216	228,807,450	71,147
100,000 " 200,000.....	2,256	319,335,510	141,549	2,390	341,815,362	143,019
200,000 " 500,000.....	1,993	626,891,411	314,547	2,108	664,348,960	315,156
500,000 " 1,000,000.....	898	638,513,941	711,040	916	647,958,228	707,378
1,000,000 " 5,000,000.....	923	1,886,374,534	2,043,743	1,006	2,115,862,125	2,103,243
5,000,000 and over.....	278	3,616,930,213	13,010,540	281	4,473,836,590	15,921,127
Totals and Averages.....	27,862	7,553,794,972	271,115	27,652	8,732,860,999	315,813

¹ Includes central electric stations and dyeing, cleaning and laundry establishments.
of Yukon and the Northwest Territories.

² Exclusive

Size as Measured by Number of Employees.—In 1923, establishments employing 501 hands or over accounted for 21·4 p.c. of the total number of employees engaged in manufacturing. By 1929 the proportion had increased to 27·3 p.c. of the total, thereby showing the increasing concentration of production into larger units. This tendency, however, was checked by the depression, the percentage having dropped in 1933 to 20·5 p.c. (central electric stations included). With the recovery in production since 1933 the percentage has risen again, and in 1939 stood at 25·6. The same also holds true for establishments employing 101 hands or over. In 1923 they employed 58·6 p.c. of the total, in 1929, 61·9 p.c., in 1933, 55·7 p.c., in 1939, 61·5 p.c.

The impact of the War on the concentration of war industries into large units is illustrated by the increase in the number of establishments employing 500 hands or over. In 1939 such establishments numbered 172 and employed 25·6 p.c. of the total number of employees engaged in manufacturing. By 1943 the number had increased to 378 and the percentage of total employees to 49·0. In a further subdivision of this group in 1943 it was found that 219 establishments employed between 500 and 999 persons, 55 between 1,000 and 1,499, and 104 employed over 1,500. All told, there were 5 plants employing over 10,000 persons, all of these being engaged in war production. The largest one had an employment of a little over 14,000, with the next two employing between 11,000 and 12,000, and the fourth and fifth largest plants employing 10,000 to 11,000 persons.

32.—Manufacturing Establishments, Classified by Number of Employees, by Provinces, 1943

Province	Up to 500	500 to 799	800 to 999	1,000 to 1,499	1,500 and over	Total
Prince Edward Island.....	230	Nil	Nil	Nil	Nil	230
Nova Scotia.....	1,267	5	1	Nil	5	1,278
New Brunswick.....	855	3	1	2	1	862
Quebec.....	9,243	55	15	20	39	9,372
Ontario.....	10,394	90	31	25	47	10,587
Manitoba.....	1,236	2	2	2	3	1,245
Saskatchewan.....	974	1	Nil	1	Nil	976
Alberta.....	1,128	3	1	1	Nil	1,133
British Columbia.....	1,939	8	1	4	9	1,961
Yukon and Northwest Territories.....	8	Nil	Nil	Nil	Nil	8
Totals.....	27,274	167	52	55	104	27,652

33.—Establishments and Employees in Canadian Manufactures, Grouped According to Number of Employees per Establishment, 1929, 1939, 1942 and 1943

Group	1929 ¹			1939 ²		
	Estab- listments	Employees	Average per Estab- lishment	Estab- listments	Employees	Average per Estab- lishment
	No.	No.	No.	No.	No.	No.
Under 5 employees.....	12,273	30,446	2.5	13,002	28,020	2.2
5 to 20 employees.....	6,160	62,310	10.1	6,985	68,151	9.8
21 " 50 ".....	2,531	81,846	32.3	2,330	75,324	32.3
51 " 100 ".....	1,262	90,238	71.5	1,158	81,646	70.5
101 " 200 ".....	745	103,944	139.5	695	97,063	139.7
201 " 500 ".....	444	136,397	307.2	458	139,687	305.0
501 and over.....	182	189,253	1,040.0	172	168,168	977.7
Totals and Averages.....	23,597	694,434	29.4	24,800	658,059	26.5
Group	1942			1943		
	No.	No.	No.	No.	No.	No.
	No.	No.	No.	No.	No.	No.
Under 5 employees.....	13,622	30,300	2.2	13,154	29,288	2.2
5 to 14 employees.....	6,580	54,895	8.3	6,606	54,478	8.2
" 49 ".....	4,265	115,925	27.2	4,444	120,417	27.1
" 99 ".....	1,520	106,208	69.9	1,536	107,153	69.7
" 199 ".....	885	123,083	139.1	875	121,139	138.4
20 " 499 ".....	631	193,072	306.0	659	200,912	304.9
500 and over.....	359	528,608	1,472.4	378	607,681	1,607.6
Totals and Averages....	27,862	1,152,091	41.4	27,652	1,241,068	44.9

¹ Includes central electric stations, dyeing, cleaning and laundry establishments.
Yukon and the Northwest Territories.

² Exclusive of

Size of Establishment in Leading Industries.—Table 34 summarizes the degree of concentration in some of the leading industries of Canada. Concentration is extremely marked in the case of automobiles, railway rolling-stock, aircraft, cotton yarn and cloth, shipbuilding and repairs, miscellaneous chemical products, non-ferrous metal smelting and refining, and pulp and paper; whereas in the case of bread and other bakery products, women's factory clothing, butter and cheese, and sawmills, the degree of concentration is low. This concentration is analysed in detail for each of the twenty-five leading industries in the tables following.

34.—Percentage Importance of Establishments, each Employing 200 or more Persons in the Twenty-Five Leading Industries, 1943

Industry	Number of Such Establishments	Percentage of Total Number in the Industry	Percentage of Total Production in the Industry
1 Non-ferrous smelting and refining ¹	10	62.5	84.4
2 Miscellaneous chemical products.....	23	11.5	94.1
3 Slaughtering and meat packing.....	26	17.0	54.3
4 Shipbuilding and repairs.....	31	35.6	96.8
5 Iron and steel products, miscellaneous.....	29	18.5	94.9
6 Automobiles ¹	3	60.0	99.1
7 Pulp and paper.....	58	54.7	91.7
8 Aircraft.....	26	57.8	98.1
9 Electrical apparatus and supplies.....	44	19.7	81.7
10 Primary iron and steel.....	33	52.4	92.4
11 Butter and cheese.....	12	0.5	13.3
12 Flour and feed mills.....	9	0.8	45.1
13 Sawmills.....	29	0.6	41.3
14 Brass and copper products.....	22	39.2	80.7
15 Petroleum products.....	9	17.3	69.5
16 Automobile supplies.....	25	24.8	88.0
17 Railway rolling-stock.....	21	61.8	96.4
18 Machinery.....	38	14.8	69.6
19 Clothing, men's factory.....	43	10.5	52.7
20 Rubber goods, including footwear.....	18	35.3	94.1
21 Cotton yarn and cloth.....	25	62.5	94.6
22 Clothing, women's factory.....	13	1.7	13.3
23 Bread and other bakery products.....	18	0.6	23.9
24 Sheet metal products.....	23	12.0	65.8
25 Hardware, tools and cutlery.....	27	11.2	63.4

¹ 500 or more employees.

35.—Principal Statistics of the Twenty-Five Leading Industries of Canada, Grouped According to Number of Employees per Establishment, 1943

NOTE.—For principal statistics of the manufacturing industries in each province by size of establishments, see Table 3 of Part II, p. 66.

Group and Industry	Estab-lishments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1. Non-Ferrous Metal Smelting and Refining—						
50 to 99 employees.....	1					
100 " 199 ".....	1	37,355,896	2,145	3,817,016	69,282,914	79,687,734
200 " 499 ".....	4					
500 and over.....	10	354,861,263	24,604	44,674,716	286,968,341	431,525,642
Totals.....	16	392,217,159	26,749	48,491,732	356,251,255	511,213,376
2. Miscellaneous Chemical Products.—						
Under 5 employees.....	68	883,644	157	187,204	426,035	953,734
5 to 14 ".....	51	2,661,199	421	732,195	2,033,240	4,112,089
15 " 49 ".....	43	7,123,821	1,178	1,890,643	5,387,209	10,385,683
50 " 99 ".....	5	2,633,191	322	475,472	1,532,934	3,300,972
100 " 199 ".....	10	6,596,437	1,406	1,938,321	4,576,773	9,669,301
200 " 499 ".....	7	13,561,916	2,167	3,187,443	9,152,906	19,838,981
500 and over.....	16	471,898,797	55,777	86,084,753	219,831,314	434,399,257
Totals.....	200	505,359,005	61,428	94,496,031	242,940,411	482,660,017
3. Slaughtering and Meat Packing—						
Under 5 employees.....	29	253,989	58	55,925	1,141,298	1,277,480
5 to 14 ".....	43	1,235,270	369	494,919	9,009,530	10,233,566
15 " 49 ".....	33	4,139,855	857	1,331,856	24,921,272	28,132,016
50 " 99 ".....	12	5,650,291	865	1,320,952	22,016,334	25,004,882
100 " 199 ".....	10	9,137,937	1,420	2,229,554	31,434,197	35,160,693
200 " 499 ".....	14	22,506,710	4,364	6,693,929	78,473,062	90,643,682
500 and over.....	12	60,024,476	10,842	17,867,502	215,289,100	246,776,258
Totals.....	153	102,948,528	18,775	29,994,640	382,284,793	437,228,577

35.—Principal Statistics of the Twenty-Five Leading Industries of Canada, Grouped According to Number of Employees per Establishment, 1943—continued

Group and Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
4. Shipbuilding and Repairs—						
Under 5 employees.....	5	125,730	17	15,047	15,764	65,142
5 to 14 ".....	7	138,756	78	133,861	102,907	316,810
15 " 49 ".....	25	1,868,491	710	1,143,759	963,310	3,061,365
50 " 99 ".....	13	2,735,978	953	1,658,725	1,521,786	4,891,875
100 " 199 ".....	6	2,085,304	806	1,517,016	758,570	3,575,195
200 " 499 ".....	8	6,024,798	2,497	4,394,503	2,679,419	11,685,208
500 and over.....	23	229,013,768	70,786	144,732,425	117,275,580	352,965,379
Totals.....	87	241,992,825	75,847	153,595,336	123,317,336	376,560,974
5. Iron and Steel Products—						
Miscellaneous—						
Under 5 employees.....	27	321,675	65	86,960	71,825	221,383
5 " 14 ".....	34	821,818	300	500,309	359,486	1,276,769
15 " 49 ".....	50	3,919,912	1,265	1,989,309	2,789,018	6,565,800
50 " 99 ".....	13	2,769,711	974	1,813,669	1,331,948	4,646,099
100 " 199 ".....	8	3,891,971	1,118	2,074,481	2,059,804	5,883,238
200 " 499 ".....	10	10,725,905	3,025	5,539,257	9,513,730	20,192,330
500 and over.....	19	254,050,441	41,820	83,806,320	165,532,498	325,912,455
Totals.....	161	276,501,433	48,567	95,810,305	181,658,309	364,698,074
6. Automobiles—						
100 " 199 employees.....	1					
200 " 499 ".....	1	139,610,450	24,265	57,569,265	248,652,602	352,229,955
500 and over.....	3					
Totals.....	5	139,610,450	24,265	57,569,265	248,652,602	352,229,955
7. Pulp and Paper—						
5 to 14 employees.....	2					
15 " 49 ".....	15	2,801,267	475	698,414	1,508,575	3,016,166
50 " 99 ".....	15	7,403,728	1,058	1,592,622	3,906,940	7,902,357
100 " 199 ".....	16	16,687,988	2,287	3,701,822	8,846,097	17,714,578
200 " 499 ".....	27	177,861,401	9,149	17,386,199	35,901,098	90,128,738
500 and over.....	31	462,703,759	24,051	47,820,365	93,793,752	226,891,631
Totals.....	106	667,458,143	37,020	71,199,422	143,956,462	345,653,470
8. Aircraft—						
5 to 14 employees.....	1					
15 " 49 ".....	6	298,210	152	233,849	46,964	481,902
50 " 99 ".....	5	512,837	343	614,561	94,344	1,218,488
100 " 199 ".....	7	2,221,567	981	1,716,231	337,456	3,000,818
200 " 499 ".....	5	3,584,740	1,456	2,461,394	1,764,809	6,497,731
500 and over.....	21	221,998,745	66,597	121,800,673	58,204,437	234,829,647
Totals.....	45	228,616,699	69,529	126,826,708	60,448,010	246,028,586
9. Electrical Apparatus and Supplies—						
Under 5 employees.....	32	466,110	93	128,698	175,074	433,361
5 to 14 ".....	45	1,591,631	407	619,842	977,544	2,431,396
15 " 49 ".....	57	6,812,266	1,598	2,411,967	3,740,979	9,014,308
50 " 99 ".....	24	7,032,700	1,672	2,423,997	5,646,102	11,629,892
100 " 199 ".....	21	13,833,801	3,130	4,886,918	10,316,357	21,418,565
200 " 499 ".....	27	29,750,545	8,837	12,481,326	18,688,812	44,249,891
500 and over.....	17	101,773,772	31,191	53,954,246	69,736,192	156,593,446
Totals.....	223	161,260,825	46,928	76,906,994	109,281,060	245,770,859
10. Primary Iron and Steel—						
Under 5 employees.....	1					
15 to 49 ".....	7	480,234	212	438,213	1,164,496	934,649
50 " 99 ".....	9	5,239,589	599	1,157,762	3,263,408	2,744,449
100 " 199 ".....	13	8,477,012	1,887	3,216,665	7,518,698	13,330,416
200 " 499 ".....	15	39,459,076	4,486	8,217,864	24,392,683	28,010,276
500 and over.....	18	181,730,327	27,038	52,623,964	65,074,509	178,931,269
Totals.....	63	235,336,238	34,222	65,654,468	101,413,794	223,951,059

35.—Principal Statistics of the Twenty-Five Leading Industries of Canada, Grouped According to Number of Employees per Establishment, 1913—continued

Group and Industry	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
11. Butter and Cheese—						
Under 5 employees.....	1,641	13,312,258	3,666	2,631,470	48,852,513	54,891,172
5 to 14 ".....	466	13,094,601	3,685	3,918,162	49,356,354	59,075,709
15 " 49 ".....	146	12,549,989	3,640	4,445,632	29,863,475	39,703,231
50 " 99 ".....	34	8,971,794	2,236	3,063,396	12,981,906	18,933,284
100 " 199 ".....	15	6,375,043	1,975	2,897,346	9,226,145	14,427,359
200 " 499 ".....	11					
500 and over.....	1	17,933,678	3,979	6,880,360	16,601,294	28,740,649
Totals.....	2,314	72,237,363	19,181	23,836,366	166,881,687	215,771,404
12. Flour and Feed Mills—						
Under 5 employees.....	990	8,864,831	1,646	1,223,644	31,319,504	36,919,948
5 to 14 ".....	93	4,085,311	711	862,587	13,180,736	15,524,605
15 " 49 ".....	26	4,419,116	631	902,505	13,366,964	15,078,345
50 " 99 ".....	8	11,968,838	617	993,401	19,662,420	23,677,460
100 " 199 ".....	5	9,972,187	755	1,228,031	15,699,028	19,282,262
200 " 499 ".....	9	31,559,532	2,803	4,805,570	76,259,870	90,644,671
Totals.....	1,131	70,869,815	7,163	10,015,738	169,488,522	201,127,291
13. Sawmills—						
Under 5 employees.....	3,659	10,716,910	8,406	3,382,573	12,075,860	23,205,363
5 to 14 ".....	1,000	13,894,953	7,891	6,196,294	16,406,421	30,198,303
15 " 49 ".....	346	21,504,651	8,872	10,303,043	19,960,841	38,644,703
50 " 99 ".....	77	15,805,237	5,042	7,014,771	11,827,731	22,858,455
100 " 199 ".....	29	17,012,992	4,099	5,828,004	14,170,826	25,576,978
200 " 499 ".....	27					
500 and over.....	2	36,339,045	9,644	16,839,618	26,580,081	55,401,534
Totals.....	5,140	115,273,788	43,954	49,564,303	101,021,760	195,885,336
14. Brass and Copper Products—						
Under 5 employees.....	28	272,065	73	96,889	102,621	310,495
5 to 14 ".....	43	998,963	443	789,539	893,138	2,307,693
15 " 49 ".....	40	3,947,153	1,073	1,801,870	10,462,375	14,283,607
50 " 99 ".....	14	3,852,629	1,010	1,751,080	2,263,944	5,716,451
100 " 199 ".....	11	6,802,787	1,456	2,549,269	9,585,472	14,609,498
200 " 499 ".....	10	10,634,430	3,332	5,697,933	6,200,117	17,457,328
500 and over.....	12	47,739,551	14,512	27,984,621	78,822,768	138,302,646
Totals.....	158	73,747,578	21,899	40,731,201	108,339,435	192,987,718
15. Petroleum Products—						
Under 5 employees.....	11	137,335	29	37,675	66,211	152,139
5 to 14 ".....	14	1,190,535	115	188,521	604,675	1,163,223
15 " 49 ".....	6	2,118,223	153	266,282	4,398,489	5,879,917
50 " 99 ".....	5	12,205,837	344	480,087	5,381,550	6,751,627
100 " 199 ".....	7	21,394,142	944	1,822,742	31,533,012	43,074,926
200 " 499 ".....	7					
500 and over.....	2	53,150,587	4,500	9,953,425	96,175,947	130,084,222
Totals.....	52	90,196,659	6,085	12,748,732	138,159,884	187,106,054
16. Automobile Supplies—						
Under 5 employees.....	9	196,670	29	41,967	59,950	181,456
5 to 14 ".....	31	1,018,671	273	417,670	500,273	1,259,784
15 " 49 ".....	14	1,103,763	361	587,463	836,020	1,829,297
50 " 99 ".....	10	2,201,956	768	1,113,797	2,220,801	4,741,217
100 " 199 ".....	12	8,888,978	1,641	2,971,046	6,999,802	13,082,440
200 " 499 ".....	15	19,573,573	5,094	9,158,216	19,176,762	42,022,836
500 and over.....	10	45,110,405	13,465	26,038,408	60,193,035	111,957,944
Totals.....	101	78,194,016	21,631	40,328,567	89,586,643	175,074,983
17. Railway Rolling Stock—						
Under 5 employees.....	2					
5 to 14 ".....	2	392,463	27	53,569	376,420	519,220
15 " 49 ".....	3					
50 " 49 ".....	3	848,592	237	323,713	580,203	1,134,922
100 " 199 ".....	4	3,640,319	548	1,002,141	1,283,254	4,068,902
200 " 499 ".....	6	12,540,821	2,105	3,848,583	4,077,990	9,510,265
500 and over.....	15	107,737,900	27,578	54,214,673	76,751,552	143,923,278
Totals.....	34	125,160,005	30,495	59,442,679	83,069,419	159,156,587

35.—Principal Statistics of the Twenty-Five Leading Industries of Canada, Grouped According to Number of Employees per Establishment, 1943—continued

Group and Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
18. Machinery—						
Under 5 employees.....	22	612,828	50	68,991	109,155	265,773
5 to 14 ".....	49	2,870,062	472	811,312	717,314	2,365,165
15 " 49 ".....	76	11,087,907	2,239	4,193,047	4,394,505	12,745,087
50 " 99 ".....	50	14,196,895	3,513	6,648,854	5,661,715	18,081,433
100 " 199 ".....	21	11,274,087	2,883	4,960,681	4,293,954	12,806,050
200 " 499 ".....	25	30,925,485	7,335	13,733,452	12,673,261	43,031,973
500 and over.....	13	52,654,251	11,747	22,401,707	20,835,940	63,064,095
Totals.....	256	123,621,515	28,239	52,818,044	48,685,844	152,359,576
19. Clothing, Men's Factory—						
Under 5 employees.....	58	1,043,807	143	227,594	1,644,845	2,841,894
5 to 14 ".....	81	2,756,267	735	864,981	3,739,243	6,508,884
15 " 49 ".....	122	8,971,195	3,551	4,127,584	11,286,696	19,593,700
50 " 99 ".....	75	10,414,081	5,241	5,764,787	13,653,174	22,515,616
100 " 199 ".....	31	7,855,143	4,221	5,282,327	11,838,480	19,417,003
200 " 499 ".....	35	18,642,786	10,737	12,113,176	31,735,191	50,233,943
500 and over.....	8	11,233,376	6,257	8,886,626	17,657,208	28,689,072
Totals.....	410	60,916,655	30,885	37,267,075	91,554,837	149,800,112
20. Rubber Goods (including footwear)—						
Under 5 employees.....	4	41,761	8	7,473	13,510	27,803
5 to 14 ".....	7	180,450	54	78,170	124,177	239,104
15 " 49 ".....	10	1,043,270	243	303,777	539,487	1,222,758
50 " 99 ".....	8	2,034,568	589	816,103	1,026,049	2,675,289
100 " 199 ".....	4	1,634,934	548	663,527	1,520,325	3,473,322
200 " 499 ".....	7	8,972,540	2,520	3,698,002	5,588,308	13,219,083
500 and over.....	11	59,643,245	11,951	19,775,456	59,485,636	109,300,421
Totals.....	51	73,550,768	15,913	25,342,508	68,297,492	130,157,780
21. Cotton Yarn and Cloth—						
Under 5 employees.....	1	39,525	15	11,827	35,589	57,003
5 to 14 ".....	2					
15 " 49 ".....	3	1,725,588	261	246,476	999,561	1,326,696
50 " 99 ".....	2					
100 " 199 ".....	7	3,600,850	1,000	1,268,327	3,016,631	5,486,108
200 " 499 ".....	10	17,183,567	3,370	3,781,144	11,800,126	18,137,488
500 and over.....	15	62,511,395	18,880	22,838,437	64,811,383	101,872,579
Totals.....	40	85,060,925	23,526	28,146,211	80,663,290	126,879,874
22. Clothing, Women's Factory—						
Under 5 employees.....	69	668,782	202	246,104	783,161	1,568,463
5 to 14 ".....	223	3,925,564	2,136	2,725,799	6,062,519	11,273,110
15 " 49 ".....	365	18,250,534	10,411	13,955,393	28,366,958	52,103,378
50 " 99 ".....	87	9,910,680	5,851	7,569,178	16,541,280	29,345,985
100 " 199 ".....	24	5,612,416	3,378	3,851,682	7,958,097	13,891,581
200 " 499 ".....	13	5,931,266	3,774	4,037,321	9,552,816	16,655,272
Totals.....	781	44,299,242	25,752	32,385,477	69,264,831	124,837,789
23. Bread and Other Bakery Products—						
Under 5 employees.....	1,924	11,004,860	4,285	3,779,910	8,108,482	16,219,963
5 " 14 ".....	789	10,581,337	6,020	5,985,587	11,027,386	22,387,173
15 " 49 ".....	207	9,937,005	5,222	6,407,836	11,509,698	24,045,285
50 " 99 ".....	37	5,205,383	2,645	3,789,989	7,259,947	14,401,712
100 " 199 ".....	21	6,725,309	2,887	3,984,514	7,229,271	14,612,658
200 " 499 ".....	15	9,768,869	3,930	5,954,026	8,325,097	19,856,822
500 and over.....	3	3,844,654	1,840	2,989,198	3,491,388	8,922,012
Totals.....	2,996	57,067,417	26,829	32,891,060	56,951,269	120,445,625
24. Sheet Metal Products—						
Under 5 employees.....	37	467,285	95	110,593	200,105	426,751
5 to 14 ".....	44	1,369,296	398	605,843	502,180	1,402,457
15 " 49 ".....	51	5,452,627	1,462	2,250,440	3,385,368	7,687,619
50 " 99 ".....	18	4,457,302	1,318	2,000,253	2,902,431	6,950,502
100 " 199 ".....	18	14,349,455	2,450	3,704,398	8,830,178	16,694,052
200 " 499 ".....	14	27,784,602	5,264	8,328,013	19,017,640	34,665,101
500 and over.....	9	23,966,015	5,968	9,568,368	14,085,020	29,097,509
Totals.....	191	77,846,582	16,955	26,577,908	48,922,922	96,923,991

35.—Principal Statistics of the Twenty-Five Leading Industries of Canada, Grouped According to Number of Employees per Establishment, 1943—concluded

Group and Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
25. Hardware, Tools and Cutlery—						
Under 5 employees.....	25	390,230	65	84,764	101,254	347,428
5 to 14 ".....	64	1,662,722	560	859,282	587,973	2,320,514
15 " 49 ".....	73	6,631,962	2,006	3,389,991	2,316,933	8,793,495
50 " 99 ".....	35	8,871,556	2,368	4,415,125	3,053,799	11,467,063
100 " 199 ".....	17	7,476,557	2,391	4,086,350	3,410,594	10,505,607
200 " 499 ".....	21	22,146,982	6,331	10,922,841	9,322,460	35,812,244
500 and over.....	6	15,693,892	5,507	9,463,734	5,440,699	22,049,682
Totals.....	241	62,873,901	19,228	33,222,087	24,233,712	91,296,033

Subsection 5.—Power and Fuel

Power.—Power equipment installed in manufacturing establishments is a very good barometer of the industrial development of Canada, inasmuch as production is increasingly dependent on power equipment. Increases and decreases in productive capacity, measured in horse-power, are not the result of temporary fluctuations in costs and values in the same manner as capital investments, values of products, etc. Of course, power equipment installed is not a measure of the actual utilization of power for there is generally an excess over actual requirements, i.e., over power equipment in operation. Producers must have an installed operating margin in excess of normal requirements to provide for booming business conditions or break-down of part of the plant; in times of depression this margin increases. Then, too, the practice in factories, etc., of installing individual motors to each machine in place of large central motors increases total installed capacity. If spare or idle machinery could be deducted from total installation over a long period of time, the resultant data would be more informative. Reports of such spare or idle equipment are available, however, only since 1934, and the percentage of equipment not in regular use has been approximately the same each year, viz., about 6 p.c. Power equipment figures, unless such deductions can be made over a long term, will not reflect temporary depressions.

Electric motors in the manufacturing industries operated by purchased power are included with primary power equipment and consequently the central electric stations producing the power are not included as manufacturing industries. Electric motors operated by power generated within these industries are not included in Table 36 with the primary power equipment that produces the power to operate them but they are shown separately, together with the total of all electric motors for each year. These totals indicate the rate of growth of electric drive in these industries in Canada, which has increased from 61·3 p.c. of the total power equipment in 1923 to 80·7 p.c. in 1943.

Of the total increase in power equipment employed in manufacturing industries since 1923, over 81 p.c. was in electric motors operated on power purchased from central electric stations. However, some sections of Canada are not well provided

with water power and in such sections primary power derived from steam engines or turbines, and internal combustion engines—which include all gasoline engines, gas engines (natural, coal, and producer gas), and compression-ignition engines—has also increased rapidly during the period covered. During the period 1923-43 there was an increase of 28 p.c. in the capacity of water wheels, 78 p.c. in the capacity of steam engines, while the capacity of electric motors and internal combustion engines more than quadrupled during the same period.

36.—Power Equipment Installed in the Manufacturing Industries of Canada, 1931-42 with Details by Provinces and Industrial Groups, 1943

Year and Province or Group	Steam Engines and Turbines	Internal Combustion Engines	Hydraulic Turbines and Water Wheels	Total	Electric Motors Operated by Purchased Power	Total Power Equipment	Electric Motors Operated by Power Generated by Establishments Reporting	Total Electric Motors
	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.
Totals, 1931.....	780,487	73,376	667,546	1,521,409	2,578,525	4,099,932	539,430	3,117,953
Totals, 1932.....	735,980	68,551	653,204	1,457,735	2,684,923	4,142,658	510,837	3,195,760
Totals, 1933.....	738,297	76,583	657,683	1,472,563	2,662,445	4,135,008	497,392	3,159,837
Totals, 1934.....	774,494	87,120	597,675	1,459,288	2,770,383	4,229,672	544,714	3,315,097
Totals, 1935.....	774,166	88,265	603,717	1,466,148	2,865,340	4,331,488	512,177	3,377,517
Totals, 1936.....	743,184	92,480	648,489	1,484,153	2,977,714	4,461,867	528,501	3,506,215
Totals, 1937.....	834,703	98,233	649,557	1,582,493	3,129,790	4,712,283	602,955	3,732,745
Totals, 1938.....	830,897	111,645	723,377	1,665,919	3,303,804	4,969,723	659,741	3,963,545
Totals, 1939.....	827,801	121,997	731,390	1,681,188	3,364,095	5,045,287	694,456	4,058,549
Totals, 1940.....	848,596	152,240	727,051	1,727,887	3,563,048	5,290,935	724,769	4,287,817
Totals, 1941.....	917,474	179,461	724,199	1,821,134	4,028,942	5,850,076	740,112	4,769,054
Totals, 1942.....	927,509	224,358	741,751	1,893,618	4,168,402	6,062,020	800,917	4,969,319
PROVINCE								
P.E. Island.....	1,217	963	1,262	3,442	1,117	4,559	Nil	1,117
Nova Scotia.....	70,195	14,194	15,581	99,970	95,736	195,706	62,883	158,619
New Brunswick...	84,115	11,820	27,695	123,628	126,157	249,785	55,364	181,521
Quebec.....	207,493	62,776	328,662	598,931	1,640,633	2,239,564	174,062	1,814,695
Ontario.....	404,942	95,129	264,482	764,553	1,906,531	2,671,084	314,998	2,221,529
Manitoba.....	17,323	7,048	293	24,664	141,260	165,924	6,629	147,889
Saskatchewan.....	20,023	14,370	80	34,473	43,735	78,208	284	44,019
Alberta.....	31,247	17,240	744	49,231	89,611	138,842	5,837	95,448
British Columbia..	151,621	34,293	110,796	296,710	375,315	672,023	140,575	515,886
Yukon and N.W.T.	104	40	Nil	144	12	156	Nil	12
Totals, 1943...	988,280	257,873	749,593	1,995,746	4,420,105	6,415,851	760,630	5,180,735
INDUSTRIAL GROUP								
Vegetable products	54,214	35,075	28,728	118,017	296,936	414,953	35,385	332,321
Animal products...	25,450	11,695	3,164	40,309	139,013	179,322	3,536	142,549
Textiles and textile products.....	27,495	4,067	25,290	56,852	209,982	266,834	34,520	244,502
Wood and paper products.....	516,015	118,378	621,949	1,256,342	1,510,149	2,766,491	493,210	2,003,359
Iron and its products.....	186,336	45,393	3,261	234,990	974,212	1,209,202	123,697	1,097,909
Non-ferrous metal products.....	28,156	11,113	55,550	94,819	607,151	701,970	17,911	625,062
Non-metallic mineral products....	57,698	14,092	848	72,638	241,583	314,221	9,157	250,740
Chemicals and allied products..	89,793	17,586	10,803	118,182	407,550	525,762	40,296	447,876
Miscellaneous industries.....	3,123	474	Nil	3,597	33,499	37,096	2,918	36,417

¹ Includes "steam engines" 673,354 h.p. and "steam turbines" 314,926 h.p.

In the Provinces of Prince Edward Island, Nova Scotia, New Brunswick, Saskatchewan, and Alberta, primary power produced from fuels is an important factor in power utilization.

Fuel and Electricity.—Fuel is used quite generally throughout the industrial field for the generation of power by means of steam and internal combustion engines. It is also used for the heating of plants, and for providing the heat necessary to some manufacturing processes. The most important industries where heat is applied to the materials to facilitate or accomplish the desired transformation are foundries and machine shops, brick, tile, lime, and cement-making, petroleum refining, the glass industry, distilleries, food preparation, rubber goods, etc. Fuel used for such heating purposes, as well as for power, is included in the figures of Table 37. In addition to the electricity used for ordinary power purposes, the figures include also the electricity used for heating boilers in the pulp and paper industry. Consumption of surplus energy in electric boilers increased rapidly during the years preceding the Second World War.

The figures of the table do not include coke charged to iron-blast furnaces or foundry cupolas. Neither do they include fuels that constitute the raw materials to be transformed as coal in the coke and gas industries and crude petroleum in the refining industry.

The value of fuel consumed increased 150 p.c. from 1924 to 1943. Electricity, on the other hand, has increased during the same period by 391 p.c., although there has been a decline in the average unit cost of electricity as there has been in the case of fuels. The groups of industries in which fuel was most extensively used in 1943 were: iron and its products, wood and paper products, non-metallic mineral products and non-ferrous metals.

Quebec is the largest user of electric power, using over half of the Dominion total in 1943.

37.—Fuel and Electricity Used in the Manufacturing Industries of Canada, 1931-42, with Details by Provinces and Industrial Groups, 1943

Year and Province or Group	Bituminous Coal		Anthracite Coal		Lignite Coal	Coke	Fuel Oils	Wood	Gas	Other Fuel	Electricity	Total
	short tons	\$	short tons	\$								
Totals, 1931	5,046,264	27,338,993	130,520	999,358	445,416	1,784,288	5,545,743	1,720,700	4,950,991	1,152,263	37,276,526	81,197,218
Totals, 1932	3,883,637	20,438,561	136,947	1,002,634	497,154	1,592,045	4,684,042	1,483,066	4,692,706	974,884	34,764,666	70,128,722
Totals, 1933	3,525,828	18,342,019	145,017	1,033,154	522,626	1,574,426	4,606,527	1,635,689	4,827,310	981,591	33,092,334	66,615,676
Totals, 1934	3,936,088	21,372,079	166,247	1,166,745	601,520	1,670,877	5,182,216	1,450,553	5,724,229	1,549,086	38,150,061	76,877,366
Totals, 1935	4,024,956	22,108,876	173,188	1,194,905	684,396	1,921,198	5,881,163	1,419,130	5,724,229	1,773,040	40,489,645	81,379,888
Totals, 1936	4,505,749	24,570,023	176,868	1,274,078	740,099	1,883,025	6,381,311	1,421,076	6,533,603	1,862,450	43,781,481	88,597,146
Totals, 1937	5,726,190	31,903,729	173,993	1,237,376	759,606	4,692,524	8,500,369	1,636,998	7,404,919	2,867,421	50,032,510	109,607,566 ²
Totals, 1938	4,939,684	27,819,673	152,994	1,107,168	692,428	4,483,824	8,103,428	1,634,941	7,381,964	2,803,022	47,900,172	101,916,546 ²
Totals, 1939	5,155,991	29,130,940	167,465	1,151,278	740,593	4,870,870	8,560,418	1,752,119	7,891,892	3,155,016	50,509,121	107,572,252 ²
Totals, 1940	6,511,195	39,089,348	171,271	1,347,910	965,239	5,707,070	10,172,967	1,754,791	10,172,967	6,205,343	58,429,263	123,422,663 ²
Totals, 1941	7,810,278	51,276,303	180,189	1,477,180	1,177,180	6,388,464	17,734,137	1,890,184	12,554,559	9,819,759	71,754,501	174,441,314 ²
Totals, 1942	8,770,404	63,253,472	236,494	2,136,707	1,166,123	7,002,130	21,345,956	2,213,637	13,186,067	11,224,569	83,265,846	206,715,489 ²
PROVINCE												
Prince Edward Island.....	7,057	64,304	28	333	—	4,027	3,094	11,895	—	10,577	29,239	123,519
Nova Scotia.....	492,449	2,704,873	794	13,389	—	183,346	625,318	49,662	1,441,698	323,664	1,659,635	7,001,585
New Brunswick.....	491,912	3,123,428	1,655	18,398	291	30,472	141,689	137,031	31,190	353,075	1,431,110	5,260,690
Quebec.....	3,243,893	26,845,940	131,235	1,088,399	1,583	562,173	7,014,088	1,126,054	2,579,555	2,625,480	46,602,559	88,406,441
Ontario.....	4,530,630	34,446,974	113,944	1,056,687	12,937	5,521,715	11,110,140	572,814	9,019,937	4,543,164	31,293,598	97,577,966
Manitoba.....	1,854,896	14,822,001	113,075	1,327,305	596,774	50,992	324,822	185,180	199,766	282,741	2,001,904	5,256,485
Saskatchewan.....	87,765	665,206	1,747	15,403	244,636	2,063	408,189	84,482	297,922	295,433	1,021,392	3,034,716
Alberta.....	69,763	281,512	142	1,103	193,991	22,920	89,752	37,850	1,092,088	266,968	1,321,064	3,305,278
British Columbia.....	353,599	2,320,559	4,917	46,223	35,522	863,108	2,684,839	261,765	535,948	2,564,021	6,589,785	15,001,830
Yukon and Northwest Territories.....	382	7,469	—	—	—	—	698	2,230	—	7,724	1,744	19,865
Totals, 1943	9,482,366	71,942,266	265,537	2,372,290	1,085,734	7,260,866	22,402,629	2,469,573	15,198,110	11,272,877	91,950,030	225,954,375²
INDUSTRIAL GROUP												
Vegetable products.....	833,642	6,571,065	61,219	658,586	365,612	527,980	453,139	759,203	1,058,588	1,988,767	4,801,227	17,179,167
Animal products.....	453,696	3,762,556	7,315	85,773	453,257	59,344	330,418	775,837	271,689	1,181,287	2,684,711	9,604,872
Textiles and textile products.....	625,250	5,280,435	33,514	267,681	10,604	12,449	86,819	56,819	77,735	196,558	4,293,496	10,280,535
Wood and paper products.....	2,622,702	20,246,607	26,530	234,581	18,709	24,113	1,833,758	356,194	182,784	4,169,316	18,261,019	45,327,307
Iron and its products.....	1,558,897	11,122,781	98,072	745,115	104,199	725,951	9,210,424	93,745	5,452,423	1,775,053	18,120,726	47,350,427
Non-ferrous metal products.....	1,437,021	11,605,975	5,562	61,364	3,103	4,573,459	4,004,656	32,334	735,060	358,175	28,250,446	50,100,572
Non-metallic mineral products.....	821,091	5,918,044	23,848	121,521	111,859	1,256,885	5,366,189	440,830	6,900,927	810,994	6,187,458	27,114,547
Chemicals and allied products.....	1,080,096	7,019,445	7,445	72,572	16,214	75,571	336,119	34,989	373,895	745,005	8,668,861	17,652,671
Miscellaneous industries.....	50,043	414,758	2,032	24,867	2,177	5,114	6,942	9,022	145,639	53,072	682,086	1,844,277

¹ Includes gasoline and kerosene.² Includes fuel and electricity used in smelters for metallurgical purposes.

PART II.—PROVINCIAL AND LOCAL DISTRIBUTION OF MANUFACTURING PRODUCTION

This Part of the Report is introduced by a general analysis of the concentration of the manufacturing industries in the provinces. In the sections that follow, the principal features of the manufactures of each province are brought out and finally the distribution of manufacturing throughout the principal cities and towns of the Dominion is shown.

Ontario and Quebec are by far the most important manufacturing provinces of Canada. Their combined production in 1943 amounted to \$7,073,300,000 or over 81 p.c. of the gross value of manufactured products of the Dominion. The proximity of Ontario to the coalfields of Pennsylvania, the water power and other varied resources of the two provinces, and their nearness to the larger markets of Canada and the United States have all contributed to the above result.

Table 1 shows the outstanding predominance of Ontario and Quebec in each industrial group. Quebec leads in the manufacture of textiles and chemicals, but in each of the other groups Ontario has the greater production. The standing of these two provinces is most nearly approached by British Columbia in the case of the wood and paper products group, where the latter province accounts for 15.8 p.c. of the gross production compared with 37.1 p.c. for Ontario and 33.7 p.c. for Quebec; in each of the other groups the positions of Ontario and Quebec lead by a wide margin. Previous to 1941, Table 1 has shown the value of production in each province, by industry. With the establishment of many vital war plants throughout Canada, it is not possible to publish this detail, and the provincial distribution by groups instead of by industries is given. In this way the publication of figures relating to individual establishments has, in many cases, been avoided.

1.—Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1943

Province and Group	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Canada—						
Vegetable products.....	5,913	684,292,303	117,243	157,733,379	635,042,582	1,062,561,932
Animal products.....	4,380	324,811,863	88,037	114,467,581	750,435,541	971,190,128
Textiles and textile products.....	2,384	455,056,029	157,987	191,305,628	446,136,675	790,659,927
Wood and paper products..	9,974	1,103,984,216	183,865	264,844,792	447,399,954	1,001,563,243
Iron and its products.....	2,044	1,852,506,052	435,744	833,383,684	1,131,858,008	2,575,976,547
Non-ferrous metal products.....	597	674,802,402	109,522	186,874,396	615,283,895	1,034,390,379
Non-metallic mineral products.....	747	351,164,254	30,994	53,282,340	215,139,225	388,713,942
Chemicals and allied products.....	945	759,864,951	92,288	146,677,194	368,111,343	765,217,887
Miscellaneous industries...	668	110,684,657	25,388	38,723,390	81,085,860	142,587,014
Totals.....	27,652	6,317,166,727	1,241,068	1,987,292,384	4,690,493,083	8,732,860,999
Prince Edward Island—						
Vegetable products.....	40	717,574	229	175,791	627,270	1,025,019
Animal products.....	103	924,092	682	477,917	4,604,472	5,938,482
Textiles and textile products. ¹	—	—	—	—	—	—
Wood and paper products..	77	744,622	333	227,252	245,707	660,720
Iron and its products.....	6	794,139	239	336,562	314,348	901,436
Non-metallic mineral products ¹	—	—	—	—	—	—
Chemicals and allied products ²	4	701,405	69	80,590	640,282	1,051,789
Totals.....	230	3,881,832	1,552	1,298,112	6,432,079	9,577,446

¹ Less than three establishments

² Includes textiles and non-metallic mineral products.

1.—Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1943—continued

Province and Group	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Nova Scotia—						
Vegetable products.....	174	13,216,237	3,260	3,558,900	8,902,776	17,444,152
Animal products.....	216	8,725,273	3,401	3,435,714	17,639,798	25,279,407
Textiles and textile pro- ducts.....	24	8,313,630	2,513	2,629,083	6,823,938	11,437,088
Wood and paper products..	750	26,405,857	6,083	6,149,005	11,891,411	25,185,060
Iron and its products.....	71	100,313,536	20,392	36,309,282	29,650,246	79,993,879
Non-metallic mineral pro- ducts.....	24	18,784,291	1,383	2,515,363	19,232,488	24,924,747
Chemicals and allied pro- ducts.....	14	3,466,794	361	547,962	2,315,213	3,986,473
Miscellaneous industries...	5	138,085	52	60,403	95,947	212,282
Totals.....	1,278	179,363,703	37,445	55,205,712	96,551,817	188,463,088
New Brunswick—						
Vegetable products.....	154	14,645,023	2,937	3,405,529	21,491,288	31,722,418
Animal products.....	168	7,657,368	2,484	2,235,376	13,057,436	17,970,536
Textiles and textile pro- ducts.....	21	11,370,929	1,895	1,921,060	4,290,319	7,577,636
Wood and paper products..	448	52,482,008	9,568	12,172,653	28,019,388	56,842,659
Iron and its products.....	37	18,336,234	4,824	8,725,990	5,599,072	18,930,490
Non-ferrous metal pro- ducts ¹		—	—	—	—	—
Non-metallic mineral pro- ducts.....	20	2,333,914	280	325,705	484,261	1,512,133
Chemicals and allied pro- ducts.....	8	2,477,865	300	424,902	2,623,304	3,674,722
Miscellaneous industries ² ..	6	1,984,569	937	1,239,966	1,146,445	2,704,285
Totals.....	862	111,287,910	23,225	30,451,181	76,711,513	140,934,879
Quebec—						
Vegetable products.....	1,787	203,797,020	36,886	46,296,420	164,877,757	286,491,549
Animal products.....	1,753	79,888,292	29,580	33,736,192	161,551,292	220,610,793
Textiles and textile pro- ducts.....	1,252	216,526,820	86,532	101,590,134	240,980,746	428,740,491
Wood and paper products..	3,320	458,802,294	58,039	79,998,502	150,712,594	337,206,122
Iron and its products.....	424	490,619,715	120,658	228,977,493	305,671,337	674,027,880
Non-ferrous metal pro- ducts.....	141	307,909,067	38,956	66,144,682	259,520,145	410,157,670
Non-metallic mineral pro- ducts.....	178	91,929,194	7,882	12,806,416	58,343,283	101,383,384
Chemicals and allied pro- ducts.....	310	365,861,886	53,482	82,261,382	131,742,322	371,789,166
Miscellaneous industries...	207	15,286,098	5,232	6,512,399	10,228,321	21,784,798
Totals.....	9,372	2,230,620,386	437,247	658,323,620	1,483,627,797	2,852,191,853
Ontario—						
Vegetable products.....	2,533	340,098,461	56,520	81,037,948	318,290,355	534,430,942
Animal products.....	1,526	136,967,989	30,960	44,451,863	264,930,717	348,346,452
Textiles and textile pro- ducts.....	911	202,281,026	60,127	77,663,606	168,532,577	304,732,783
Wood and paper products..	2,932	378,246,732	69,232	104,022,411	163,594,970	372,248,223
Iron and its products.....	1,119	1,040,217,975	222,680	429,810,324	689,611,416	1,480,540,197
Non-ferrous metal pro- ducts.....	384	315,814,528	64,570	109,551,139	304,530,818	549,243,536
Non-metallic mineral pro- ducts.....	356	165,872,106	16,517	29,428,576	91,867,716	185,292,260
Chemicals and allied pro- ducts.....	484	330,565,536	32,137	52,590,733	211,897,880	338,236,584
Miscellaneous industries...	342	85,389,635	17,274	27,842,612	65,615,062	108,030,086
Totals.....	10,587	2,994,953,988	570,017	956,399,212	2,278,871,511	4,221,101,063

¹ Less than 3 establishments.² Includes non-ferrous metal products.

1.—Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1943—concluded

Province and Group	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Manitoba—						
Vegetable products.....	268	30,055,927	4,823	6,204,318	34,345,376	53,894,709
Animal products.....	200	24,301,972	6,493	9,300,721	103,223,805	123,058,339
Textiles and textile products.....	85	9,326,724	4,465	4,679,057	16,820,531	24,611,746
Wood and paper products..	467	27,897,856	5,546	7,395,193	9,687,304	25,089,625
Iron and its products.....	85	36,722,558	10,478	18,131,628	15,837,538	41,933,150
Non-ferrous metal products.....	22	2,876,176	501	820,220	6,895,645	8,103,429
Non-metallic mineral products.....	44	17,167,353	947	1,388,927	4,573,733	9,179,666
Chemicals and allied products.....	39	22,435,859	3,035	4,933,881	6,998,096	14,863,116
Miscellaneous industries..	35	2,968,082	715	987,880	2,077,728	4,134,132
Totals.....	1,245	173,752,507	37,003	53,841,825	200,464,756	304,867,912
Saskatchewan—						
Vegetable products.....	195	14,079,881	2,089	2,774,364	23,308,875	34,191,818
Animal products.....	96	11,481,149	3,252	4,508,221	48,798,585	57,923,590
Textiles and textile products.....	6	388,461	48	49,343	1,026,505	1,153,649
Wood and paper products..	604	6,239,767	2,827	2,873,618	3,432,926	8,996,391
Iron and its products.....	30	8,606,535	2,124	3,683,719	5,425,127	10,065,800
Non-ferrous metal products.....		—	—	—	—	—
Non-metallic mineral products.....	29	9,069,792	739	1,422,698	12,160,852	19,041,962
Chemicals and allied products.....	9	369,026	91	121,962	222,890	515,040
Miscellaneous industries ²	7	10,439,482	513	1,011,941	16,817,425	20,235,110
Totals.....	976	60,674,093	11,683	16,415,866	111,193,185	152,123,360
Alberta—						
Vegetable products.....	289	26,324,332	3,457	4,793,215	27,887,925	44,697,465
Animal products.....	151	21,566,909	5,240	7,359,748	85,080,380	101,377,205
Textiles and textile products.....	25	2,243,499	818	915,317	2,319,783	3,880,610
Wood and paper products..	526	11,349,999	4,305	4,890,265	7,026,407	16,404,706
Iron and its products.....	61	17,923,802	4,175	7,433,330	4,624,647	14,955,614
Non-ferrous metal products.....	6	408,212	94	159,727	406,350	703,610
Non-metallic mineral products.....	43	20,006,368	1,778	2,695,366	13,637,703	24,626,450
Chemicals and allied products.....	19	11,352,381	507	946,073	584,436	3,301,024
Miscellaneous industries...	13	506,917	239	301,328	489,420	1,212,458
Totals.....	1,133	111,682,419	20,613	29,494,369	142,057,051	211,159,142
British Columbia—						
Vegetable products.....	473	41,357,848	7,042	9,486,894	35,310,960	58,663,860
Animal products.....	167	33,298,819	5,945	8,961,829	51,544,056	70,685,324
Textiles and textile products.....	58	4,397,061	1,555	1,827,614	4,972,738	8,042,794
Wood and paper products..	845	141,734,581	27,913	47,097,551	72,772,481	158,877,310
Iron and its products.....	210	138,685,852	50,144	99,905,258	75,105,851	254,527,951
Non-ferrous metal products.....	41	36,941,922	4,360	8,421,833	26,784,666	44,769,371
Non-metallic mineral products.....	51	25,766,824	1,448	2,653,718	14,728,258	22,478,441
Chemicals and allied products.....	61	22,863,390	2,349	4,814,480	11,465,268	28,317,893
Miscellaneous industries...	55	5,313,751	1,465	2,542,596	1,760,727	5,683,369
Totals.....	1,961	450,360,048	102,221	185,711,773	294,445,005	652,046,313
Yukon and N.W.T.—						
Wood and paper products..	5	80,500	19	18,342	16,766	52,427
Iron and its products.....	1					
Non-metallic mineral products.....	1	509,341	43	102,372	121,603	343,516
Miscellaneous industries...	1					
Totals.....	8	589,841	62	120,714	138,369	395,943

¹ Less than three establishments.

² Includes non-ferrous metal products.

The degree of concentration of manufacturing production in large units is illustrated in Table 2. In the Province of Quebec 55.3 p.c. of all persons engaged in manufacturing were employed in establishments having 500 or more employees, as compared with 51.0 p.c. for Canada as a whole. Ordinarily, Ontario ranks second in the concentration of manufacturing production. In 1942, however, British Columbia with 47.2 p.c. came second, this being due to the large shipbuilding plants located there. In 1943 Ontario resumed her normal position in second place with 53.6 p.c., while British Columbia came third with 44.7 p.c., followed by Nova Scotia with 43.2 p.c., Manitoba 35.7 p.c., New Brunswick 35.4 p.c. and Alberta 27.9 p.c.

2.—Concentration of Manufacturing Production in Each Province, 1943

Province	Number of Establishments Employing 500 or More Persons	Percentage of Total Number of Establishments in Province	Provincial Percentage of Number of Employees Accounted for by these Establishments
Prince Edward Island.....	Nil	—	—
Nova Scotia.....	11	0.9	43.2
New Brunswick.....	7	0.8	35.4
Quebec.....	129	1.4	55.3
Ontario.....	193	1.8	53.6
Manitoba.....	9	0.7	35.7
Saskatchewan.....	2	1	1
Alberta.....	5	0.4	27.9
British Columbia.....	22	1.1	44.7
Canada.....	378	1.4	51.0

1 Cannot be shown.

3.—Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Number of Employees per Establishment, 1943

Province and Group	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Canada—						
Under 5 employees..	13,154	93,935,342	29,288	22,765,204	125,519,758	183,088,226
5 to 14 " ..	6,606	166,636,159	54,478	62,967,325	190,500,750	322,764,415
15 " 49 " ..	4,444	416,412,206	120,417	161,483,416	411,210,475	742,489,078
50 " 99 " ..	1,536	449,098,022	107,153	150,625,080	381,139,154	686,861,965
100 " 199 " ..	875	570,672,243	121,139	175,749,743	446,664,659	831,944,002
200 " 499 " ..	659	1,087,450,246	200,912	308,308,149	835,819,816	1,514,902,905
500 or over.....	378	3,532,962,509	607,681	1,105,393,467	2,299,638,471	4,450,810,408
Totals.....	27,652	6,317,166,727	1,241,068	1,987,292,384	4,690,493,083	8,732,860,999
Prince Edward Island—						
Under 5 employees..	151	577,320	329	157,521	1,654,065	2,175,732
5 to 14 " ..	49	590,898	413	301,016	1,577,418	2,369,761
15 " 49 " ..	29	2,713,614	810	839,575	3,200,596	5,031,953
100 " 199 " ..	1					
Totals.....	230	3,881,832	1,552	1,298,112	6,432,079	9,577,446

3.—Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Number of Employees per Establishment, 1943—continued

Province and Group	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Nova Scotia—						
Under 5 employees..	669	5,197,057	1,532	812,087	2,376,174	4,328,831
5 to 14 " ..	346	6,774,420	2,776	2,521,708	8,573,268	14,073,246
15 " 49 " ..	170	11,630,196	4,404	4,639,046	13,317,412	22,758,044
50 " 99 " ..	45	12,722,456	3,174	4,235,519	6,122,410	15,194,927
100 " 199 " ..	19	9,967,000	2,603	3,484,472	9,450,902	16,433,685
200 " 499 " ..	18	45,139,472	6,028	9,514,949	20,820,370	34,211,666
500 or over.....	11	87,933,102	16,928	29,997,931	35,891,281	81,462,689
Totals.....	1,278	179,363,703	37,445	55,205,712	96,551,817	188,463,088
New Brunswick—						
Under 5 employees..	399	1,769,338	963	573,445	2,259,397	3,707,382
5 to 14 " ..	268	4,007,227	2,204	1,822,131	6,535,917	10,959,317
15 " 49 " ..	112	8,224,352	2,830	2,901,513	9,872,010	15,817,646
50 " 99 " ..	41	11,832,632	2,952	3,493,903	9,631,024	15,989,637
100 " 199 " ..	16	6,228,908	2,042	2,626,488	4,414,190	9,358,438
200 " 499 " ..	19	28,638,281	6,049	7,920,284	19,267,630	35,209,355
500 or over.....	7	51,087,272	6,185	11,113,079	24,731,345	49,893,104
Totals.....	862	111,287,910	23,225	30,451,181	76,711,513	140,934,879
Quebec—						
Under 5 employees..	4,851	40,168,521	10,679	7,919,574	48,333,721	69,185,202
5 to 14 " ..	1,959	43,890,817	16,089	17,399,788	50,580,595	86,672,487
15 " 49 " ..	1,453	118,875,474	39,698	49,746,777	115,161,418	215,164,658
50 " 99 " ..	519	119,732,144	36,376	46,292,747	113,066,913	202,268,073
100 " 199 " ..	258	140,570,842	36,082	47,931,276	124,669,108	229,296,302
200 " 499 " ..	203	343,697,644	63,474	88,882,652	262,584,192	472,490,748
500 or over.....	129	1,423,684,944	234,849	400,150,806	769,231,850	1,577,114,383
Totals.....	9,372	2,230,620,386	437,247	658,323,620	1,433,627,797	2,852,191,853
Ontario—						
Under 5 employees..	4,438	29,468,777	9,970	8,724,107	56,908,195	79,133,448
5 to 14 " ..	2,626	75,538,090	21,887	27,654,301	76,613,392	134,607,294
15 " 49 " ..	1,884	192,022,049	51,419	73,187,832	184,064,266	335,015,486
50 " 99 " ..	669	223,077,134	46,785	69,760,471	161,769,118	304,516,937
100 " 199 " ..	437	301,205,312	60,474	91,113,319	212,708,991	408,053,890
200 " 499 " ..	340	495,210,785	100,679	159,507,073	362,972,531	696,345,485
500 or over.....	193	1,678,431,841	278,803	526,452,609	1,223,835,018	2,262,528,523
Totals.....	10,587	2,994,953,988	570,017	956,399,212	2,278,871,511	4,221,101,063
Manitoba—						
Under 5 employees..	593	3,884,026	1,344	993,810	3,226,111	5,457,229
5 to 14 " ..	308	7,622,161	2,543	2,884,283	14,142,647	20,317,874
15 " 49 " ..	198	18,489,626	5,315	6,705,527	20,844,371	34,693,135
50 " 99 " ..	77	26,432,940	5,228	7,041,752	34,994,667	49,558,693
100 " 199 " ..	41	33,211,628	5,925	7,876,186	22,808,074	39,799,501
200 " 499 " ..	19	33,111,246	5,243	8,548,202	23,283,025	46,238,903
500 or over.....	9	51,000,880	11,405	19,791,065	81,165,861	108,802,577
Totals.....	1,245	173,752,507	37,003	53,841,825	200,464,756	304,867,912
Saskatchewan—						
Under 5 employees..	654	2,863,427	1,200	778,088	2,053,262	4,031,900
5 to 14 " ..	216	6,249,257	1,719	1,828,648	10,774,642	15,414,324
15 " 49 " ..	66	7,336,694	1,723	2,318,170	8,732,176	14,499,003
50 " 99 " ..	22	6,585,397	1,422	1,902,931	10,543,372	16,305,648
100 " 199 " ..	9	4,801,368	1,106	1,765,114	3,283,878	13,494,724
200 " 499 " ..	7	32,837,950	4,513	7,852,915	70,855,855	88,377,761
500 or over.....	2					
Totals.....	976	60,674,093	11,683	16,445,866	111,193,185	152,123,360
Alberta—						
Under 5 employees..	637	3,625,066	1,457	1,117,515	5,132,881	7,964,084
5 to 14 " ..	295	7,077,797	2,320	2,599,410	9,683,252	15,089,362
15 " 49 " ..	122	15,362,328	3,274	4,473,375	14,311,008	24,565,609
50 " 99 " ..	38	13,153,091	2,512	3,456,510	13,012,368	21,605,083
100 " 199 " ..	25	24,549,766	3,165	4,880,844	18,957,622	33,595,137
200 " 499 " ..	11	28,673,369	3,693	5,782,697	33,792,641	49,340,279
500 or over.....	5	19,241,002	4,192	7,184,018	47,167,279	58,999,588
Totals.....	1,133	111,682,419	20,613	29,494,369	142,057,051	211,159,142

3.—Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Number of Employees per Establishment, 1943—concluded

Province and Group	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
British Columbia—						
Under 5 employees..	758	6,335,475	1,805	1,679,000	3,568,460	7,079,461
5 to 14 " ..	536	14,627,692	4,504	5,915,483	11,907,168	22,989,914
15 " 49 " ..	409	41,952,380	11,095	16,866,045	41,774,497	74,497,852
50 " 99 " ..	125	36,062,328	8,704	14,441,247	31,999,282	61,422,967
100 " 199 " ..	69	49,657,206	9,561	15,807,002	45,336,189	81,357,867
200 " 499 " ..	42	88,516,878	13,103	23,595,321	59,156,378	113,447,763
500 or over.....	22	213,208,089	53,449	107,407,675	100,703,031	291,250,489
Totals.....	1,961	450,360,048	102,221	185,711,773	294,445,005	652,046,313
Yukon and North- west Territories—						
Under 5 employees..	4	46,335	9	10,059	7,492	24,957
5 to 14 " ..	3	543,506	53	110,655	130,877	370,986
15 " 49 " ..	1					
Totals.....	8	589,841	62	120,714	138,369	395,943

Section 1.—The Manufactures of the Maritime Provinces, 1943

In Prince Edward Island the predominant agricultural and fishery resources make butter and cheese, fish-curing and -packing, and slaughtering and meat packing the leading manufactures of the Province. Nova Scotia is renowned for its coal mines and its fisheries, as well as extensive forests and agricultural lands and is favoured with easy access by sea to the high-grade iron-ore supply of Newfoundland. On these resources are based the leading manufactures of primary iron and steel, shipbuilding and repairs, fish-curing and -packing, sawmills, pulp and paper, and butter and cheese. In addition to this, important petroleum refineries and coke and gas plants add to the diversification of manufacturing in the Province. The forests of New Brunswick give a leading place to its pulp and paper and saw-milling industries, although fish and agricultural products add to the varied output. Sugar refining and the production of railway rolling-stock also form important branches of manufacturing production.

4.—Statistics of the Leading Industries of the Maritime Provinces, 1943

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
PRINCE EDWARD ISLAND						
	No.	\$	No.	\$	\$	\$
1 Fish curing and packing.....	71	211,781	493	296,608	2,014,210	2,847,149
2 Butter and cheese.....	29	451,589	130	120,938	1,642,233	1,999,588
3 Bread and other bakery products.	14	124,842	74	54,264	163,020	327,845
4 Fruit and vegetable preparations..	6	284,201	71	37,245	217,679	289,027
5 Sawmills.....	60	151,983	133	41,119	111,900	232,790
6 Printing and publishing.....	4	256,058	107	101,413	33,423	211,006
7 Planing mills, sash and door factories.....	3	158,957	39	43,874	62,742	120,583
8 Starch and glucose.....	3	47,045	19	14,932	64,496	99,257
9 All other leading industries ²	6	1,549,030	301	399,445	1,859,513	2,881,686
Totals, Leading Industries...	196	3,235,486	1,367	1,109,838	6,169,216	9,008,931
Totals, All Industries.....	230	3,881,832	1,552	1,298,112	6,432,079	9,577,446

4.—Statistics of the Leading Industries of the Maritime Provinces, 1943—concluded

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
NOVA SCOTIA						
	No.	\$	No.	\$	\$	\$
1 Shipbuilding and repairs.....	26	35,013,070	8,235	16,153,195	11,252,509	33,957,019
2 Primary iron and steel.....	6	49,399,083	6,899	11,176,181	12,199,604	23,931,519
3 Fish curing and packing.....	167	6,149,931	2,655	2,525,331	12,385,430	17,880,481
4 Sawmills.....	565	3,120,712	2,646	1,609,892	4,619,384	8,446,279
5 Pulp and paper.....	5	16,701,047	753	1,431,679	2,354,427	6,224,609
6 Butter and cheese.....	28	1,820,012	502	637,359	4,348,212	6,041,112
7 Bread and other bakery products.....	95	1,294,364	787	875,968	2,285,959	4,267,742
8 Biscuits, confectionery, cocoa, etc.....	8	2,461,121	835	909,109	2,032,636	3,996,076
9 Planing mills, sash, doors, etc.....	36	2,081,129	726	918,954	2,553,967	3,952,020
10 Fruit and vegetable preparations.....	23	1,941,093	980	847,985	2,157,036	3,443,453
11 Railway rolling-stock.....	3	6,167,516	613	985,577	1,813,732	3,311,221
12 Hosiery and knitted goods.....	3	2,008,042	814	770,709	1,478,670	2,832,463
13 Clothing men's, factory.....	6	714,627	599	581,249	1,868,688	2,666,499
14 Printing and publishing.....	32	1,532,477	808	1,001,609	434,078	2,592,143
15 Aerated waters.....	32	976,013	303	413,779	798,270	2,421,763
16 All other leading industries ²	8	26,079,658	4,765	8,229,486	23,737,668	39,928,802
Totals, Leading Industries.....	1,043	157,459,895	32,920	49,068,053	86,320,270	165,893,201
Totals—All Industries.....	1,278	179,363,703	37,445	55,205,712	96,551,817	188,463,088
NEW BRUNSWICK						
	No.	\$	No.	\$	\$	\$
1 Pulp and paper.....	6	39,153,267	2,963	5,465,585	14,338,931	30,976,554
2 Sawmills.....	328	6,176,161	3,972	3,604,071	8,750,695	15,770,038
3 Shipbuilding and repairs.....	4	8,423,746	2,043	3,897,771	1,276,666	8,114,244
4 Fish curing and packing.....	108	4,116,523	1,470	1,057,245	5,597,394	7,975,407
5 Foods, miscellaneous.....	10	3,252,729	349	455,803	4,225,701	5,715,918
6 Butter and cheese.....	37	1,582,545	368	400,683	3,336,523	4,323,921
7 Slaughtering and meat packing.....	4	1,123,974	283	366,436	3,235,837	3,922,129
8 Bread and other bakery products.....	81	1,200,863	694	757,655	1,768,542	3,409,504
9 Planing mills, sash, doors, etc.....	24	1,707,639	698	839,639	1,722,466	3,133,808
10 Fertilizers.....	3	1,979,365	211	291,140	2,282,806	3,033,322
11 Biscuits, confectionery, cocoa, etc.....	5	2,170,234	598	611,026	1,165,233	2,530,618
12 Heating and cooking apparatus.....	3	1,834,493	602	905,846	701,290	2,267,600
13 All other leading industries ²	5	19,682,589	2,891	4,471,084	15,605,057	23,827,937
Totals, Leading Industries.....	618	92,494,128	17,139	23,123,984	64,067,191	115,201,060
Totals, All Industries.....	862	111,287,910	23,225	30,451,181	76,711,513	140,934,879

¹ Net value is derived from gross value by deducting cost of materials, fuel and electricity.

² Individual statistics cannot be given because there are fewer than three establishments in each industry. Such industries are: in Prince Edward Island; slaughtering and meat packing, iron castings, sheet metal products, fertilizers, cotton and jute bags; in Nova Scotia; cotton yarn and cloth, aircraft, miscellaneous iron and steel products, wire, coke and gas and petroleum; in New Brunswick; sugar refineries, railway rolling-stock, cotton yarn and cloth, silk and artificial silk goods.

Section 2.—The Manufactures of Quebec, 1943

Among the assets of Quebec that have tended to develop manufacturing industries in the Province may be mentioned its natural resources of forests, water powers, minerals, and agricultural lands, and also its geographic position astride the St. Lawrence estuary permitting sea-going shipping to reach its main centres of population. Added to these natural advantages, there is a stable and industrious population, which is an important factor in industries such as textiles, clothing, boots and shoes, etc., where a large labour force is required.

The most notable change among the manufactures of Quebec in recent years has been the development of the non-ferrous metal smelting industry. This industry first appeared among the forty leading industries of the Province in nineteenth place in 1927. It has been in second place since 1935, with the exception of 1942 when it was in first place.

Quebec, with about 33 p.c. of the Dominion output, is the second largest manufacturing province. The production of pulp and paper is normally the dominant industry, but in 1943 it was displaced by the miscellaneous chemical products industry for the premier position. In addition to supplying about 6 p.c. of the gross value of Quebec manufactures, the pulp and paper industry furnishes about 48 p.c. of the Dominion total for this industry. The value of tobacco products forms approximately 88 p.c., cotton yarn and cloth 75 p.c., women's factory clothing 68 p.c., leather boots and shoes 65 p.c., men's factory clothing 57 p.c., railway rolling-stock 54 p.c., and non-ferrous metal smelting and refining 51 p.c. of the Dominion totals of these products. The Province of Quebec is thus an outstanding manufacturing province rather on account of her large individual industries than because of the diversification of her industrial activities.

5.—Statistics of the Leading Industries of the Province of Quebec, 1943

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
		No.	No.	\$	\$	\$
1 Miscellaneous chemical products..	65	292,686,999	43,294	65,868,926	87,957,250	277,993,561
2 Non-ferrous metal smelting and refining.....	7	223,113,548	14,653	24,999,106	173,136,348	259,643,014
3 Pulp and paper.....	40	352,925,347	18,118	33,245,158	68,415,285	167,460,120
4 Iron and steel products, misc.....	46	101,789,909	10,707	22,338,847	105,962,208	161,748,317
5 Shipbuilding and repairs.....	12	112,644,704	24,716	49,935,171	54,390,948	130,208,952
6 Aircraft.....	15	51,724,948	29,942	54,221,972	24,277,771	95,631,112
7 Cotton yarn and cloth.....	16	47,376,429	16,622	19,907,475	62,545,536	95,568,886
8 Railway rolling-stock.....	9	54,135,290	15,788	31,485,260	48,496,748	86,274,059
9 Clothing, men's factory.....	234	33,860,344	16,412	18,773,355	52,769,008	85,179,641
10 Clothing, women's factory.....	459	29,811,953	16,922	20,641,118	46,656,792	83,076,981
11 Electrical apparatus and supplies.....	37	53,416,244	15,111	25,474,845	42,486,018	73,178,995
12 Brass and copper products.....	37	24,887,300	6,406	12,118,159	36,615,109	63,968,639
13 Slaughtering and meat packing.....	29	14,714,488	2,643	4,054,749	52,994,484	59,803,813
14 Tobacco, cigars and cigarettes.....	46	67,391,439	9,448	10,509,342	28,107,500	56,359,476
15 Butter and cheese.....	1,050	18,096,046	4,640	4,594,110	43,815,062	53,098,380
16 Boots and shoes, leather.....	132	19,719,453	12,371	13,631,442	28,125,338	49,140,489
17 Sawmills.....	1,915	25,071,371	10,904	8,814,290	25,933,018	45,641,615
18 Petroleum products.....	7	21,837,603	1,020	2,189,093	35,296,425	45,493,574
19 Machinery.....	44	39,402,193	8,181	15,366,481	16,570,856	43,350,998
20 Hardware and tools.....	49	21,034,790	7,279	12,794,488	8,362,726	34,698,061
21 Silk and artificial silk.....	23	27,946,959	7,275	8,846,030	12,546,814	32,921,329
22 Primary iron and steel.....	16	36,242,566	6,482	12,299,476	12,534,428	32,341,735
23 Acids, alkalies and salts.....	11	25,457,191	2,957	5,224,023	15,407,087	31,298,558
24 Bread and other bakery products.....	1,094	15,934,313	7,161	8,318,082	14,873,000	31,253,441
25 Hosiery and knitted goods.....	67	19,580,803	8,753	9,061,317	14,440,532	30,429,048
26 Rubber goods, including rubber footwear.....	17	9,294,672	4,414	5,292,977	18,325,708	29,631,535
27 Bridge and structural steel.....	5	13,004,555	3,746	7,955,749	10,732,624	23,706,805
28 Breweries.....	8	27,221,304	2,745	5,375,494	6,736,071	22,940,424
29 Flour and feed mills.....	185	8,852,665	951	1,471,968	18,718,317	21,928,036
30 Biscuits, confectionery, cocoa, etc.....	60	10,423,146	3,559	3,893,209	11,783,823	21,050,579
31 Medicinal and pharmaceutical preparations.....	84	16,413,996	2,852	4,319,426	8,199,686	20,531,611
32 Sheet metal products.....	37	18,944,001	4,147	6,253,604	9,777,817	20,490,715
33 Paints, pigments and varnishes.....	28	16,071,234	1,863	3,275,468	9,375,320	19,509,060
34 Castings, iron.....	49	19,993,884	3,921	6,645,389	7,607,573	19,283,329
35 Fur goods.....	200	10,066,972	2,372	3,441,790	13,101,182	18,909,523
36 Foods, miscellaneous.....	71	10,341,187	1,419	1,885,413	11,657,571	18,826,028
37 Printing and publishing.....	72	13,818,976	4,512	7,287,290	4,021,313	17,662,997
38 Woollen cloth.....	24	8,352,626	2,681	3,181,880	10,477,274	16,814,951
39 Planing mills, sash and door factories.....	380	9,613,436	3,505	3,861,524	10,308,514	16,508,239
40 Aerated mineral waters.....	161	8,506,567	2,092	3,024,390	5,666,545	16,304,322
Totals, Leading Industries².....	6,847	1,931,721,412	362,584	561,877,886	1,269,205,629	2,430,860,948
Totals, All Industries.....	9,372	2,230,620,386	437,247	658,323,620	1,483,627,797	2,852,191,853
Percentage of forty leading industries to totals of all industries in the Province.....	73.0	86.6	82.9	85.3	85.5	85.2

¹ See footnote 1 to Table 1, page 7.

² Statistics for sugar refining, which is also one of the leading industries of this province, cannot be published, since there are fewer than three establishments reporting.

Section 3.—The Manufactures of Ontario, 1943

The gross value of the manufactured products of Ontario in 1943 represented about 48 p.c. of the total for the whole Dominion, while that of Quebec amounted to about 33 p.c. This premier position in manufacturing has been fairly uniformly maintained by Ontario, as the following percentages show: 1926, 52 p.c.; 1918, 53 p.c.; 1910, 50 p.c.; 1900, 50 p.c.; 1890, 51 p.c.; and 1880, 51 p.c. In spite of the rapid industrial development in recent years in other provinces, such as Quebec, British Columbia and Manitoba, Ontario is maintaining a manufacturing production roughly equal to that of the remainder of the Dominion.

The geographic position of Ontario on the Great Lakes waterway system, by means of which the iron ore of Minnesota and the coal of Pennsylvania are readily accessible; the wide range of natural resources of forests, minerals, water powers, and agriculture; a large population and excellent water and rail transportation facilities to other parts of the country, have all encouraged industrial development. Other factors have been proximity to one of the most densely populated sections of the United States and the establishment within the Province of branch factories of United States industries, as in automobile manufacturing.

Industries producing capital or durable goods, which constitute an important factor in the manufactures of Ontario, were particularly hard hit during the early years of the depression preceding the Second World War. Thus, production was disproportionately curtailed in such important industries as automobiles, electrical equipment, machinery, agricultural implements, primary iron and steel, etc. This resulted in a lowering of the manufacturing production of the whole Province relatively to that of other provinces less affected by these influences. With the recovery since 1933 and the expansion in production resulting from the Second World War these industries in general have made good recovery, and Ontario, which accounted for 49 p.c. of the gross value of all products manufactured in the Dominion in 1933, had by 1942 increased the relative value to 50.5 p.c. In 1943 the percentage dropped again to 48.3, thus indicating a relatively greater expansion of war production in other provinces.

Ontario also has the greatest diversification of manufacturing production of any province. Outstanding among the industries in which this Province is pre-eminent are those of automobiles, agricultural implements and starch manufacture which are carried on practically in this Province alone. Other important industries in which Ontario leads, with the percentage which the production of each bears to that of the Dominion total, in 1943 are as follows: leather tanneries 88, rubber goods 77, primary iron and steel 71, electrical apparatus and supplies 69, fruit and vegetable preparations 62, castings, iron, 61, flour and feed mills 58, furniture 57, and hosiery and knitted goods 56.

6.—Principal Statistics of the Leading Industries of the Province of Ontario, 1943

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$
1 Automobiles.....	4	139,042,369	24,160	57,374,388	248,469,070	351,765,839
2 Miscellaneous chemical products..	103	194,009,882	15,468	24,092,005	149,549,019	193,083,839
3 Non-ferrous metal smelting and refining.....	7	122,321,138	8,053	15,480,299	136,259,146	186,600,741
4 Iron and steel products, misc....	88	149,113,964	32,243	61,888,749	65,294,838	175,507,602
5 Automobile supplies.....	66	76,222,109	20,898	39,271,414	88,407,719	171,536,667
6 Electrical apparatus supplies.....	160	106,573,606	31,254	50,616,473	65,504,908	169,654,250
7 Primary iron and steel.....	27	145,658,861	19,127	39,265,015	74,591,373	159,789,576
8 Slaughtering and meat packing....	73	43,332,609	6,052	10,406,562	121,303,945	137,658,150
9 Brass and copper products.....	97	46,184,782	14,339	26,643,839	69,639,261	123,671,646

¹ Net value is derived from gross value by deducting cost of materials, fuel and electricity.

6.—Principal Statistics of the Leading Industries of the Province of Ontario, 1943 —concluded

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$
10 Flour and feed mills.....	721	36,329,020	3,890	5,377,482	99,556,725	116,144,871
11 Pulp and paper.....	40	188,668,105	11,002	22,260,167	47,008,529	108,256,330
12 Aircraft.....	22	122,195,091	27,015	51,851,346	36,861,594	106,218,069
13 Rubber goods (includes rubber footwear).....	30	64,142,412	11,446	19,981,095	49,940,233	100,382,855
14 Machinery.....	170	74,195,355	17,491	32,447,269	26,899,489	94,340,123
15 Butter and cheese.....	861	31,010,821	8,199	10,943,960	62,971,936	83,750,034
16 Scientific and professional equip- ment.....	26	60,880,506	9,340	16,978,620	47,443,392	70,051,899
17 Petroleum products.....	16	38,021,549	2,773	5,913,719	49,050,861	69,227,431
18 Sheet metal products.....	108	46,577,935	10,350	16,634,566	31,620,821	62,418,799
19 Agricultural implements.....	24	60,376,726	13,634	24,092,278	24,559,428	55,478,204
20 Bread and other bakery products.	1,091	26,706,329	12,684	16,020,726	25,480,001	54,679,416
21 Hardware and tools.....	173	40,206,520	11,439	19,666,658	14,518,564	53,705,295
22 Clothing, men's factory.....	118	20,433,388	10,741	14,822,803	28,161,803	48,680,442
23 Shipbuilding and repairs.....	21	36,325,397	9,578	18,594,067	14,487,826	48,636,195
24 Castings, iron.....	91	31,671,095	9,325	17,521,350	16,867,024	46,240,835
25 Hosiery and knitted goods.....	109	35,131,718	12,090	13,381,272	21,452,633	44,619,441
26 Fruit and vegetable preparations.....	182	40,929,323	6,687	7,321,381	26,303,054	44,457,791
27 Railway rolling-stock.....	14	35,463,784	6,868	13,252,763	20,848,579	43,241,631
28 Biscuits, confectionery, cocoa, etc.	79	26,498,700	6,974	8,886,874	20,502,109	43,180,774
29 Leather tanneries.....	28	23,314,483	3,845	6,153,339	24,986,340	39,132,892
30 Printing and publishing.....	294	26,796,034	7,923	14,070,862	8,605,732	37,655,340
31 Coke and gas products.....	17	66,473,788	2,613	4,747,433	19,816,608	35,383,368
32 Acids, alkalis and salts.....	21	57,201,970	4,286	8,177,086	11,231,978	34,509,997
33 Woolen cloth.....	37	19,709,253	5,262	7,109,117	19,806,500	33,722,858
34 Abrasive products.....	13	11,215,111	2,975	5,865,833	10,120,319	33,363,062
35 Clothing, women's factory.....	265	11,409,827	6,873	9,576,695	17,497,254	33,185,455
36 Printing and bookbinding.....	566	26,298,069	8,113	11,697,672	12,643,456	32,101,895
37 Boxes and bags, paper.....	88	16,713,092	5,775	7,329,297	17,399,695	31,462,238
38 Bridge and structural steel.....	12	18,517,411	4,622	9,841,267	7,884,755	31,071,257
39 Aluminum products.....	13	18,025,162	4,891	7,527,350	13,441,619	29,862,491
40 Miscellaneous paper products.....	94	19,237,261	3,739	5,538,390	15,444,759	29,431,364
Totals, Forty Leading In- dustries.....	5,969	2,353,134,465	434,037	758,621,481	1,862,932,895	3,363,840,962
Totals, All Industries.....	10,587	2,994,953,988	570,017	956,399,212	2,278,871,511	4,221,101,063
Percentage of leading industries to all industries.....	56.3	78.6	76.1	79.2	81.7	79.7

¹ Net value is derived from gross value by deducting cost of materials, fuel and electricity.

Section 4.—The Manufactures of the Prairie Provinces, 1943

The leading industries of these Provinces are those based on their agricultural resources—their grain-growing, cattle-raising, and dairying areas. Next in importance, generally, are industries providing for the more necessary needs of the resident population, such as the baking of bread, printing and publishing, etc. The extensive railway services require large shops for the maintenance of rolling-stock, especially in the Winnipeg area. The widespread use of motor-vehicles and power machinery on farms has given rise to petroleum refineries in each province. The greatly increased production of crude petroleum in Alberta seems likely to lead to further development of the refining industry. Manitoba, as the early commercial centre of the prairies, has had a greater industrial development than either of the other provinces. Its natural resources of accessible water powers, forests, and, more recently, minerals, have given rise to quite a diversification of industrial production.

Considering the three Prairie Provinces as an economic group, slaughtering and meat packing had the largest gross value of production in 1943, amounting to \$213,029,871, followed by flour and feed mills with \$61,866,161, butter and cheese \$55,722,185, petroleum products \$39,919,567, and railway rolling-stock \$21,558,745. These five industries accounted for about 60 p.c. of the total production of the Prairie Provinces. Other leading industries, in the order named, were: bread and other bakery products, miscellaneous iron and steel products, sawmills, breweries, miscellaneous foods, men's factory clothing, etc.

7.—Statistics of the Leading Industries of the Prairie Provinces, 1943

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
MANITOBA						
	No.	\$	No.	\$	\$	\$
1 Slaughtering and meat packing...	12	15,284,201	3,500	5,553,888	84,022,051	96,073,714
2 Flour and feed mills.....	44	7,724,348	681	886,019	15,870,232	18,880,791
3 Butter and cheese.....	92	5,137,123	1,480	2,100,586	13,550,346	18,289,093
4 Railway rolling-stock.....	4	16,731,822	4,789	9,179,580	8,114,107	17,695,431
5 Miscellaneous chemical products...	8	16,849,933	2,358	3,988,750	4,429,898	9,563,019
6 Clothing, men's factory.....	30	3,135,408	1,968	1,915,748	5,626,878	8,327,702
7 Foods, miscellaneous.....	20	2,787,705	478	515,996	5,965,378	7,430,755
8 Clothing, women's factory.....	27	2,100,124	1,396	1,563,377	4,208,470	6,758,069
9 Bags, cotton and jute.....	4	2,871,694	243	326,340	5,660,956	6,584,755
10 Biscuits, confectionery, cocoa, etc.	14	1,988,695	771	902,144	2,209,768	5,682,890
11 Bread and other bakery products...	131	2,944,125	1,283	1,551,525	2,461,775	5,468,541
12 Printing and publishing.....	75	3,568,842	1,001	1,539,987	748,688	4,224,666
13 Primary iron and steel.....	4	2,516,811	959	1,499,389	1,313,557	4,154,981
14 Breweries.....	6	3,380,679	427	735,620	714,118	4,050,783
15 All other leading industries ²	5	14,013,613	816	1,671,266	7,909,719	13,244,166
Totals, Leading Industries...	476	101,035,123	22,150	33,930,485	162,805,941	226,429,356
Totals, All Industries.....	1,245	173,752,507	37,003	53,841,825	200,464,756	304,867,912
SASKATCHEWAN						
1 Slaughtering and meat packing...	8	6,240,074	1,738	2,639,523	32,621,292	37,309,755
2 Flour and feed mills.....	57	8,209,150	718	1,072,058	18,397,989	23,625,491
3 Butter and cheese.....	69	4,661,503	1,398	1,725,155	15,690,567	19,772,808
4 Petroleum products.....	9	7,434,207	604	1,181,478	11,892,749	18,032,525
5 Sawmills.....	417	2,239,632	1,406	928,556	1,707,647	3,934,544
6 Bread and other bakery products...	97	1,851,640	762	850,289	1,828,473	3,738,277
7 Breweries.....	5	2,722,075	231	412,814	523,731	2,910,824
8 Printing and publishing.....	118	2,016,246	788	1,206,100	507,316	2,635,847
9 Foods, miscellaneous.....	5	383,015	157	157,584	2,006,734	2,478,096
10 Planing mills, sash and door factories.....	17	861,280	284	362,261	617,625	1,178,111
11 Aerated and mineral waters.....	20	716,543	165	221,243	393,046	1,164,982
12 All other industries ²	3	17,005,171	1,770	3,274,071	22,520,479	28,541,432
Totals, Leading Industries...	825	54,840,536	10,021	14,131,132	108,707,648	145,322,692
Totals, All Industries.....	976	60,674,093	11,683	16,445,866	111,193,185	152,123,360
ALBERTA						
1 Slaughtering and meat packing...	12	14,603,857	3,492	5,258,306	68,340,363	79,646,402
2 Flour and feed mills.....	88	9,209,366	824	1,116,532	15,974,085	19,359,879
3 Petroleum products.....	7	7,769,463	547	1,078,186	11,718,323	18,511,038
4 Butter and cheese.....	109	5,803,647	1,447	1,741,910	13,774,841	17,660,284
5 Bread and other bakery products...	135	2,811,529	1,130	1,413,868	2,947,752	6,192,555
6 Sawmills.....	314	2,865,560	1,988	1,552,506	2,280,686	5,493,110
7 Breweries.....	5	5,023,459	302	606,348	985,003	4,716,046
8 Railway rolling-stock.....	3	7,805,766	1,134	2,027,300	1,718,413	3,863,314
9 Printing and publishing.....	83	2,869,790	763	1,145,153	511,973	3,102,664
10 Clothing, men's factory.....	6	1,630,791	547	623,726	1,807,392	2,903,496
11 Planing mills, sash and door factories.....	31	1,476,206	519	717,095	1,108,573	2,297,666
12 Castings, iron.....	11	1,560,081	560	889,984	559,607	2,056,125
13 Printing and bookbinding.....	52	1,531,787	433	643,935	501,258	1,445,186
14 Foods, miscellaneous.....	13	231,208	81	109,955	1,159,731	1,431,645
15 Aerated and mineral waters.....	19	697,542	182	279,548	448,955	1,417,675
16 Boxes, wooden.....	5	805,539	269	364,966	596,199	1,113,287
17 Biscuits, confectionery, cocoa, etc.	7	402,564	174	223,234	479,221	1,054,549
18 All other industries ²	16	32,124,546	3,205	5,751,200	10,191,494	24,111,680
Totals, Leading Industries...	916	99,222,701	17,587	25,543,752	135,103,867	196,376,601
Totals, All Industries.....	1,133	111,682,419	20,613	29,494,369	142,057,051	211,159,142

¹ See footnote 1 to Table 3, p. 7.² Other leading industries, individual statistics for which cannot be given because there are fewer than three establishments in each industry are: Manitoba, bridge and structural steel, non-ferrous metal smelting and refining and pulp and paper; Saskatchewan, non-ferrous metal smelting and refining, miscellaneous iron and steel products, and bags, cotton and jute; Alberta, cement, glass products, miscellaneous iron and steel products, primary iron and steel, wood preservation, malt and malt products, sugar refineries, acids, alkalies and salts and cheese, processed.

Section 5.—The Manufactures of British Columbia, 1943

British Columbia in 1943 was again the third most important manufacturing province of the Dominion. Normally its rich forests give the wood industries a pre-eminence in the Province. Due to the exigencies of the War which resulted in the establishment of a huge shipbuilding industry on the Pacific Coast, the iron and its products group displaced wood and paper as the dominant factor in British Columbia manufacturing production. As a result, the shipbuilding industry with a gross value of production of \$155,536,396 contributed 24 p.c. of the total output of the Province. This industry was in sixth place in 1940 when the output was valued at only \$9,943,941. It furnished employment to 31,238 persons or 30.6 p.c. of the total number engaged in manufacturing in 1943. Emphasizing the importance of the forests in the industrial life of the Province, the sawmilling industry ranked second with a gross value of production of \$87,069,697, and the pulp and paper industry fourth with \$28,881,845. Third in importance was fish-curing and -packing, based principally on the estuarial salmon fisheries. British Columbia accounted for 50 p.c. of the total production of this industry in Canada. Other important industries were: slaughtering and meat packing, petroleum products, planing mills, machinery, fruit and vegetable preparations, etc. The varied resources of the Province and its position on the Pacific Coast have resulted in a wide diversification of its manufactures.

8.—Statistics of the Leading Industries of the Province of British Columbia, 1943

Industry	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$
1 Shipbuilding and repairs.....	22	49,285,202	31,238	64,939,484	41,888,498	155,536,396
2 Sawmills.....	411	52,462,241	14,989	25,453,959	42,784,719	87,069,697
3 Fish curing and packing.....	69	18,904,590	3,176	4,767,503	20,999,610	32,228,395
4 Pulp and paper.....	7	59,288,302	3,867	8,159,504	10,571,060	28,881,845
5 Slaughtering and meat packing...	10	7,328,838	985	1,614,503	18,606,648	21,471,555
6 Petroleum products.....	6	5,306,062	381	808,160	12,354,907	14,807,862
7 Planing mills, sash and door factories.....	63	8,849,176	2,857	4,167,291	6,401,128	13,875,792
8 Machinery.....	24	7,998,161	2,102	4,227,760	4,668,551	12,869,989
9 Fruit and vegetable preparations...	59	8,974,867	1,714	1,938,435	7,997,776	12,141,843
10 Bread and other bakery products.	258	4,109,412	2,254	3,048,683	5,142,747	11,108,244
11 Butter and cheese.....	39	3,674,077	1,017	1,571,674	7,751,967	10,636,184
12 Fertilizers.....	5	7,160,846	1,089	2,522,693	6,952,933	10,431,665
13 Acids, alkalies and salts.....	4	9,573,752	405	854,229	760,059	9,943,939
14 Iron and steel products, misc.....	17	8,303,327	1,747	3,907,446	2,223,792	9,027,820
15 Sheet metal products.....	17	8,762,512	1,155	1,955,066	4,969,745	8,941,389
16 Boilers, tanks and plate work.....	5	2,564,636	269	587,101	4,438,249	7,439,883
17 Foods, miscellaneous.....	27	3,508,972	432	489,902	5,810,059	6,782,218
18 Printing and publishing.....	69	5,397,685	1,623	2,788,427	1,295,658	6,571,460
19 All other industries ²	6	94,513,259	14,741	26,802,524	40,639,410	91,287,697
Totals, Leading Industries.....	1,118	365,965,917	86,041	160,604,344	246,257,516	551,053,873
Totals, All Industries.....	1,961	450,360,048	102,221	185,711,773	294,445,005	652,046,313
Percentage of leading industries to total of all industries in the Province.....	57.0	81.3	84.2	86.5	83.6	84.5

¹ Net value is derived from gross value by deducting cost of materials, fuel and electricity.

² Includes other leading industries, statistics of which cannot be published because there are fewer than three establishments in each industry. Such industries are: aircraft, bridge and structural steel and non-ferrous smelting and refining.

Section 6—Manufacturing Industries in Urban Centres

The prosperity of most of the cities and towns of Canada, especially in the east, is intimately connected with their manufacturing industries, which provide employment for a large proportion of their gainfully occupied population. In the west the cities are more largely distributing centres, though manufactures are rapidly increasing there also.

Table 9, indicating the extent to which the manufacturing industries of Canada are concentrated in urban centres, shows by provinces the proportion of the gross manufacturing production contributed by cities and towns having a gross production of over \$1,000,000 each. In the more highly industrialized provinces of Ontario and Quebec such cities and towns in 1943 accounted for 90.8 p.c. and 90.2 p.c., respectively, of the totals for those provinces, while in the Maritime Provinces and British Columbia, where sawmilling, fish-packing, and dairying are leading industries, the proportions fell to 71.4 p.c. and 79.1 p.c., respectively. In the Prairie Provinces manufacturing is confined largely to a few urban centres.

9.—Cities and Towns Each with a Gross Manufacturing Production of Over \$1,000,000. Number of Establishments and Total Gross Production in such Urban Centres as a Percentage of the Grand Total, by Provinces, 1943.

NOTE.—Statistics published in this table are in some cases higher than the figures published in Table 11, since, in the table below are included statistics of towns with less than three establishments and production of over \$1,000,000 each. It was not possible to publish this information, except in summary form in Table 11 without disclosing the operations of individual establishments.

Province	Urban Centres with a Gross Production of over \$1,000,000 each	Establishments Reporting in Urban Centres Producing over \$1,000,000 each	Total Production in Urban Centres Producing over \$1,000,000 each	Total Production in each Province	Production in Urban Centres as a Percentage of Total Production in each Province
	No.	No.	\$	\$	p.c.
Prince Edward Island.....	2	57	4,870,270	9,577,446	51.0
Nova Scotia.....	18	372	136,492,956	188,463,088	72.4
New Brunswick.....	14	310	100,586,204	140,934,879	71.4
Quebec.....	95	4,913	2,623,845,496	2,852,191,853	90.2
Ontario.....	137	7,355	3,832,257,786	4,221,101,063	90.8
Manitoba.....	7	800	277,508,486	304,867,912	91.0
Saskatchewan.....	8	291	115,936,161	152,123,360	76.2
Alberta.....	7	463	178,252,563	211,159,142	84.4
British Columbia.....	13	1,314	515,670,718	652,046,313	79.1
Yukon and Northwest Territories...	—	—	—	395,943	—
Canada.....	301	15,875	7,785,420,640	8,732,860,999	89.1

10.—Principal Statistics of the Manufacturing Industries of the Six Leading Manufacturing Cities of Canada, 1933-43

NOTE.—The dyeing, cleaning and laundry industry is included for the years prior to 1936.

City and Year	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$
Montreal.....1933	2,226	363,342,078	80,212	74,150,933	148,504,215	300,636,197
1935	2,346	382,332,791	94,612	89,934,540	201,022,033	383,547,072
1936	2,372	389,225,593	95,420	96,705,020	228,676,144	427,270,916
1937	2,474	415,816,451	105,931	112,652,112	281,407,645	511,481,054
1938	2,469	409,578,419	103,254	111,431,966	253,277,569	474,534,092
1939	2,501	423,234,648	105,315	114,602,118	254,188,246	483,246,583
1940	2,519	475,575,804	118,774	138,118,813	334,350,566	604,806,394
1941	2,669	556,538,023	147,917	187,239,445	444,557,884	803,685,931
1942	3,007	629,809,985	169,987	240,888,491	541,625,660	976,767,738
1943	2,992	721,223,427	194,643	307,922,631	665,209,935	1,184,114,458
Toronto.....1933	2,604	388,995,096	75,645	80,855,883	146,286,472	308,983,639
1935	2,689	386,898,652	86,22	97,144,947	190,370,255	385,883,455
1936	2,762	396,257,696	89,056	102,217,057	209,320,347	417,724,888
1937	2,797	423,350,508	96,247	115,520,050	247,422,098	475,470,149
1938	2,863	424,209,626	94,930	115,832,230	229,641,098	455,527,321
1936	2,885	447,009,768	98,702	122,553,435	240,532,281	482,532,331
1940	2,911	500,559,305	112,136	145,538,148	306,675,426	595,913,172
1941	3,045	554,317,600	133,099	184,267,132	391,328,916	756,923,939
1942	3,211	635,981,329	151,639	228,875,152	451,198,158	886,256,494
1943	3,238	647,907,281	156,459	259,307,913	481,504,056	961,923,997
Hamilton.....1933	469	171,625,714	21,524	21,523,337	35,672,272	83,530,255
1935	484	176,246,963	26,769	30,162,244	53,740,074	114,691,789
1936	466	176,519,530	28,625	32,288,022	61,676,060	130,578,232
1937	479	182,730,036	32,616	40,255,040	83,978,873	170,651,205
1938	471	186,397,262	31,313	38,297,830	71,849,817	150,394,481
1939	461	206,584,330	31,512	39,563,423	70,829,034	152,746,340
1940	474	230,821,923	39,081	54,139,253	106,595,186	212,587,274
1941	491	255,862,917	45,421	72,845,604	136,403,197	283,670,019
1942	482	273,212,977	50,744	85,111,817	166,078,144	347,752,196
1943	485	315,896,136	54,671	95,576,332	164,271,139	362,743,019
Windsor.....1933	247	66,398,372	10,212	10,719,819	25,752,258	49,359,245
1935	236	64,298,564	15,227	20,714,545	64,062,711	104,908,197
1936	214	66,934,274	15,613	21,180,684	59,871,643	104,556,881
1937	228	77,750,511	18,650	26,919,449	78,667,058	136,896,194
1938	224	79,940,995	17,732	26,088,439	67,680,572	125,833,355
1939	222	80,436,233	17,729	25,938,890	63,907,106	122,474,320
1940	215	102,836,682	20,916	37,260,970	112,991,063	194,174,159
1941	223	138,929,934	29,486	57,653,986	175,847,231	289,027,790
1942	233	206,556,146	37,057	76,276,589	240,384,518	383,323,348
1943	229	206,850,571	38,516	85,965,874	247,504,385	417,745,229
Vancouver.....1933	746	74,209,271	12,094	11,754,124	28,588,106	55,160,883
1935	811	83,594,899	15,693	16,789,590	39,863,397	73,981,872
1936	807	83,199,508	16,397	18,479,302	47,394,136	87,581,068
1937	824	85,851,189	17,641	20,783,032	53,139,109	95,717,017
1938	842	91,714,005	17,968	21,700,941	52,178,629	91,607,637
1939	829	92,797,032	17,957	22,382,192	56,565,511	101,267,243
1940	849	101,429,495	20,767	26,502,084	70,468,864	120,981,388
1941	864	115,960,608	25,223	34,132,966	90,720,812	162,982,858
1942	897	136,336,017	37,858	60,779,827	116,153,100	223,295,187
1943	898	193,795,910	45,971	81,059,815	130,442,455	288,196,900
Winnipeg.....1933	600	73,886,398	15,336	15,155,537	28,355,612	59,287,286
1935	616	71,837,683	16,649	17,568,803	36,825,174	67,217,042
1936	594	71,757,177	16,673	18,060,555	40,822,725	73,316,055
1937	622	72,419,041	17,284	19,687,511	45,498,865	80,108,696
1938	634	68,339,544	17,153	19,811,744	43,319,595	78,029,078
1939	648	73,255,368	17,571	20,717,273	44,873,043	81,024,272
1940	657	79,684,791	19,026	22,673,057	56,496,847	98,266,933
1941	677	105,406,381	23,831	30,169,726	73,427,543	127,913,351
1942	692	113,297,399	27,768	38,191,886	88,897,218	156,332,353
1943	688	100,511,565	24,898	35,807,283	106,485,838	174,523,234

¹ Net value is derived from gross value by deducting cost of materials, fuel, and electricity. For cost of fuel and electricity in 1943, see Table 11.

11.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1943

Province and Municipality	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$	\$
P. E. Island—							
Charlottetown.....	37	2,198,394	563	641,082	43,626	2,088,193	3,584,517
Summerside.....	20	817,900	219	195,089	25,767	867,843	1,285,753
Nova Scotia—							
Amherst.....	23	4,511,476	3,155	4,708,435	199,468	3,547,403	11,462,414
Berwick.....	7	364,395	265	248,357	52,232	710,136	1,163,713
Bridgetown.....	9	624,318	273	206,758	48,981	779,130	1,196,894
Dartmouth.....	14	4,346,718	212	329,539	29,502	782,957	1,479,324
Digby.....	10	386,966	163	140,214	12,540	515,579	1,043,200
Halifax.....	113	26,662,732	6,910	11,180,207	570,174	14,840,271	35,348,278
Lunenburg.....	16	1,595,446	660	953,956	64,359	1,953,936	3,551,404
New Glasgow.....	27	2,641,801	873	1,417,901	137,910	1,764,102	3,699,698
North Sydney.....	12	798,897	276	367,895	25,532	1,350,133	2,190,960
Sydney.....	44	58,542,687	6,494	10,796,565	2,381,735	15,719,487	29,482,649
Trenton.....	4	10,233,178	2,655	4,472,244	683,782	4,652,633	12,230,900
Truro.....	25	4,510,659	1,175	1,211,858	119,389	2,764,710	5,253,879
Windsor.....	13	1,415,386	364	354,776	28,816	1,359,780	2,058,284
Yarmouth.....	30	4,206,643	981	1,124,639	98,549	3,207,032	5,047,556
New Brunswick—							
Campbellton.....	18	1,388,376	580	806,914	49,491	779,475	2,101,872
Fredericton.....	28	1,591,881	570	657,888	54,619	1,692,779	2,897,240
Moncton.....	53	8,556,537	2,818	4,210,609	299,183	8,084,606	14,262,784
Berthier.....	12	793,437	334	292,835	16,588	1,083,713	1,515,000
St. Andrews.....	4	863,202	138	226,813	6,929	929,660	1,270,592
Saint John.....	126	22,684,335	5,396	7,138,588	711,656	26,317,429	41,588,274
St. Stephen.....	12	2,495,273	511	640,243	59,379	1,346,427	2,655,559
Sussex.....	14	557,424	271	298,790	12,199	1,061,010	1,969,532
Quebec—							
Acton Vale.....	13	1,515,850	736	809,621	51,426	1,516,817	2,929,081
Asbestos.....	14	3,231,790	470	617,816	131,458	1,673,061	2,698,751
Beauharnois.....	13	21,271,834	2,274	3,857,166	2,884,017	9,977,203	19,661,691
Berthier.....	11	3,700,546	545	573,195	98,031	1,287,980	2,775,058
Brownsburg.....	7	8,823,602	3,153	5,298,173	134,663	4,133,077	11,289,214
Cabano.....	5	335,362	295	298,651	3,187	712,942	1,271,156
Cap-de-le-Madeleine.....	17	8,849,770	2,157	2,717,033	280,025	3,597,422	7,775,490
Chambly-Canton.....	7	1,112,065	532	633,717	66,900	992,566	1,585,863
Chicoutimi.....	22	1,785,463	409	466,794	35,968	658,118	1,460,063
Coaticook.....	21	2,598,794	904	895,855	65,035	2,359,999	3,969,526
Drummondville.....	29	15,540,224	4,827	5,923,661	784,886	4,597,576	19,585,869
Farnham.....	18	3,640,354	823	932,848	108,302	2,908,865	4,853,512
Granby.....	44	16,214,831	4,231	4,821,105	287,497	11,243,927	23,623,750
Grand-Mère.....	17	18,431,598	1,786	2,211,947	843,000	4,855,792	11,914,537
Hull.....	50	18,258,306	3,547	5,100,855	965,778	13,320,881	22,644,228
Huntingdon.....	11	1,323,252	488	724,348	54,637	2,125,174	3,574,002
Joliette.....	44	3,925,498	1,760	1,905,901	219,463	2,880,532	6,488,074
Jonquière.....	13	1,640,235	352	547,440	103,069	1,147,824	2,318,105
Lachine.....	36	36,468,094	7,607	15,999,965	896,727	21,609,934	50,621,042
La Pêrader.....	10	515,028	218	196,316	44,031	1,206,947	1,680,109
Laprairie.....	14	2,786,653	369	483,395	191,424	339,691	1,545,716
La Salle.....	14	14,401,126	1,488	2,161,079	459,587	9,766,970	20,844,342
Lennoxville.....	7	984,487	282	416,452	103,155	665,190	1,447,549
Lévis.....	21	822,600	298	399,959	19,404	844,944	1,458,817
Longueuil.....	13	45,874,491	9,889	19,615,656	314,539	8,239,815	36,631,482
Loretteville.....	19	640,340	579	521,213	16,261	849,158	1,574,569
MacMasterville.....	5	6,372,245	805	1,475,519	196,002	5,181,142	8,955,185
Mariville.....	14	1,142,320	607	511,988	25,419	1,756,420	2,650,264
Matane.....	14	1,186,031	325	338,059	3,095	788,278	1,695,975
Mégantic.....	13	720,469	501	517,418	7,622	681,697	1,318,361
Montmagny.....	27	3,009,674	1,200	1,332,697	76,326	2,267,834	4,930,710
Montreal.....	2,992	721,223,427	194,643	307,922,631	15,119,220	665,209,935	1,184,114,458
Montreal East.....	18	58,258,103	3,989	7,612,885	4,424,365	97,837,762	126,791,276
Mount Royal.....	4	2,108,460	540	640,967	17,578	1,031,533	2,350,796
Nicolet.....	13	1,071,794	416	376,824	17,428	829,633	1,853,557
Outremont.....	14	6,120,388	927	1,414,575	71,127	5,740,510	10,534,158
Plessisville.....	15	1,541,874	727	779,416	43,623	1,074,251	2,345,614
Pointe-aux-Trembles.....	8	765,720	450	515,797	33,507	1,249,103	2,254,089
Princeville.....	7	548,874	183	179,346	16,346	1,829,494	2,187,194
Quebec.....	309	111,821,277	25,876	34,461,191	2,782,550	37,317,318	101,451,883
Richmond.....	8	1,364,068	497	538,673	21,791	756,524	1,533,294
Rimouski.....	24	2,432,413	727	848,466	23,548	2,513,405	4,262,215
Rivière-du-Loup.....	19	1,291,500	359	507,253	62,677	537,498	1,301,555

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

11.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1943—continued

Province and Municipality	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$	\$
Quebec—continued							
St. Césaire.....	17	597,848	299	247,269	14,271	655,365	1,013,660
St. George Est.....	13	843,377	507	472,849	42,063	848,341	1,733,670
St. Hyacinthe.....	68	11,082,658	5,012	5,242,487	332,293	12,425,392	22,674,925
St. Jean.....	57	14,981,867	4,163	5,496,457	518,313	8,263,930	17,702,995
St. Jérôme.....	32	9,273,554	2,719	2,881,648	299,015	15,241,046	24,092,883
St. Lambert.....	10	1,523,178	467	649,690	45,534	1,106,597	2,563,119
St. Laurent.....	18	17,285,564	11,906	19,410,782	469,058	12,140,847	39,622,541
St. Tite.....	17	441,896	193	214,444	7,704	750,879	1,170,246
Shawinigan Falls.....	40	66,795,570	6,721	10,773,222	9,022,471	35,278,145	72,099,227
Sherbrooke.....	87	28,409,684	8,010	10,519,643	770,726	18,562,872	39,833,746
Terrebonne.....	16	861,791	486	569,721	23,713	1,187,150	2,032,425
Three Rivers.....	69	61,667,167	6,713	9,830,292	3,577,923	19,409,629	42,032,616
Thurso.....	8	1,225,013	258	283,292	6,804	707,158	1,573,457
Trois Pistoles.....	12	257,276	123	128,069	8,192	958,971	1,307,995
Valleyfield.....	31	10,734,019	3,866	4,575,650	445,024	8,288,775	15,092,208
Victoriaville.....	29	3,474,332	1,801	1,935,633	71,971	3,728,190	7,151,202
Warwick.....	12	1,191,002	329	395,731	49,950	1,252,839	2,067,960
Waterloo.....	17	3,971,122	1,155	1,385,440	86,658	1,934,805	8,727,592
Westmount.....	12	3,206,656	1,358	2,306,817	201,211	2,735,822	8,511,042
Windsor.....	9	4,007,044	718	1,168,030	472,631	2,744,135	5,895,051
Ontario							
Acton.....	17	5,088,512	940	1,218,182	142,166	6,534,825	10,064,153
Almonte.....	10	1,026,101	322	386,766	34,776	1,865,821	2,611,985
Amherstburg.....	9	5,664,902	618	995,460	903,448	1,084,027	7,189,505
Arnprior.....	14	3,287,122	402	567,539	60,417	1,375,312	2,555,943
Aurora.....	10	1,630,682	437	631,449	35,293	2,536,592	3,707,019
Barrie.....	16	1,630,924	513	677,899	56,629	3,788,544	4,808,683
Belleville.....	47	10,654,783	2,993	4,269,703	404,155	4,841,683	15,151,225
Bloomfield.....	8	917,333	134	133,529	16,647	663,215	1,086,905
Brampton.....	22	2,750,667	809	1,286,968	50,345	2,342,948	4,121,936
Brantford.....	118	48,376,209	14,023	22,797,244	1,093,493	26,397,320	66,252,865
Brighton.....	13	580,574	247	282,211	26,391	571,864	1,257,991
Brockville.....	34	6,067,871	1,699	2,137,808	229,680	10,849,255	15,377,987
Burlington.....	9	1,699,792	434	608,353	49,895	1,984,793	3,412,633
Caledonia.....	10	813,008	191	292,731	97,421	1,102,334	2,112,880
Campbellford.....	15	1,144,685	394	403,546	44,162	1,899,618	2,767,384
Carleton Place.....	10	2,803,913	861	1,137,292	85,825	2,453,893	4,258,977
Chatham.....	55	19,366,962	2,423	3,766,249	309,720	14,198,423	22,129,587
Cheley.....	12	880,458	293	329,384	24,840	645,529	1,162,440
Cobourg.....	21	3,077,481	629	930,115	115,877	1,981,184	3,946,716
Collingwood.....	15	4,504,890	1,752	2,973,174	87,291	3,768,135	8,263,323
Cornwall.....	48	31,865,512	5,123	7,113,792	1,741,636	11,434,161	26,704,155
Dryden.....	11	5,079,553	413	653,341	247,628	1,253,662	2,883,666
Dundas.....	24	10,255,557	1,647	2,736,892	92,109	2,400,694	8,143,098
Dunnville.....	20	3,892,964	756	978,296	65,869	1,796,862	3,434,866
Eastview.....	11	844,166	339	483,076	60,816	3,017,456	3,868,546
Elmira.....	20	2,725,783	541	798,987	69,205	1,601,856	3,391,929
Forest.....	12	479,279	179	180,102	29,432	645,334	1,033,820
Fort Erie.....	13	10,733,075	3,037	6,538,437	80,328	7,309,955	21,321,701
Fort William.....	45	34,286,478	6,623	12,242,821	1,492,067	12,086,260	36,592,632
Frankford.....	8	8,223,695	849	1,335,540	46,704	1,983,572	4,094,977
Galt.....	73	19,035,116	5,684	8,422,823	570,581	10,423,300	25,291,893
Gananoque.....	16	4,306,446	1,030	1,594,973	154,539	3,487,838	7,791,496
Georgetown.....	16	4,157,177	618	935,129	139,159	1,985,136	3,918,022
Goderich.....	14	2,626,974	455	618,302	174,540	4,412,783	6,232,349
Gravenhurst.....	8	695,637	330	383,874	13,959	521,704	1,153,154
Grimsby.....	16	1,064,025	432	498,020	33,264	685,197	1,479,069
Guelph.....	91	16,587,381	5,631	7,818,551	556,168	17,648,429	34,199,614
Hagersville.....	5	1,215,367	89	122,195	39,447	676,524	1,352,429
Hamilton.....	485	315,896,136	54,671	95,576,332	11,826,095	164,271,139	362,743,019
Hanover.....	15	2,864,822	967	1,149,066	57,887	2,056,790	3,924,514
Hespeler.....	14	5,230,319	1,334	1,831,463	180,820	4,710,656	9,332,590
Humberstone.....	10	5,251,326	600	753,725	66,028	5,662,102	7,535,629
Ingersoll.....	22	5,759,263	1,590	2,532,815	158,405	5,584,843	10,933,196
Kincardine.....	12	1,333,804	628	667,687	42,248	923,697	2,009,383
Kingston.....	50	33,366,384	6,846	9,734,470	852,504	19,893,212	45,358,638
Kitchener.....	154	45,668,496	12,240	18,426,863	1,061,662	50,137,928	90,496,101
Leamington.....	11	8,526,583	987	1,269,598	128,232	6,132,362	9,465,102
Leaside.....	42	71,335,820	13,290	24,406,029	599,084	60,954,359	100,128,734
Listowel.....	27	5,896,542	1,684	2,147,058	284,661	3,595,721	7,561,627
Lindsay.....	16	1,171,436	412	516,787	74,184	2,337,329	3,483,968
London.....	232	48,505,955	13,501	20,059,499	1,166,590	35,237,389	81,178,623

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

11.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1943—continued

Province and Municipality	Estab-lish-ments	Capital	Em-employees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$	\$
Ontario—continued							
✓Meaford.....	15	922,005	322	356,515	34,023	704,940	1,458,102
Merritton.....	13	12,225,078	2,354	4,587,693	690,998	9,011,314	19,674,433
✓Midland.....	17	5,943,304	1,100	1,653,622	61,848	3,883,913	8,292,965
Milton.....	12	2,256,655	421	607,705	143,627	883,140	2,952,205
Mimico.....	14	1,539,423	331	408,740	22,955	354,726	1,207,126
Napanee.....	17	1,099,822	384	447,567	57,816	678,488	1,544,183
New Liskeard.....	15	2,447,433	587	777,693	29,227	959,274	2,056,367
Newmarket.....	14	4,150,440	795	1,116,021	78,482	2,774,418	5,517,495
New Toronto.....	24	46,160,004	6,159	12,322,966	1,328,801	49,167,414	85,226,690
Niagara Falls.....	68	79,389,448	7,843	13,860,444	4,470,224	28,569,899	53,065,697
North Bay.....	24	1,407,712	425	629,366	59,473	1,158,854	2,371,486
Oakville.....	17	2,053,109	569	809,999	51,457	1,066,716	4,284,824
Orillia.....	38	5,957,961	2,296	3,116,226	195,037	3,936,791	9,885,851
Ottawa.....	212	38,989,696	11,520	18,276,988	1,053,666	21,315,934	53,235,387
✓Owen Sound.....	39	8,691,734	2,579	3,687,970	214,723	4,399,418	11,227,977
Paris.....	21	7,231,343	1,193	1,491,842	89,684	3,017,266	5,561,948
Pembroke.....	31	3,252,742	1,088	1,238,061	111,197	1,730,809	4,218,016
Penetanguishene.....	13	1,152,185	463	591,711	24,950	779,466	1,815,929
Perth.....	18	3,750,534	895	1,180,225	73,232	2,442,552	5,995,266
Peterborough.....	85	49,913,613	9,728	15,737,084	782,988	51,629,519	92,082,644
Port Arthur.....	32	19,615,665	2,997	5,632,446	1,052,862	9,225,735	20,044,837
Port Dalhousie.....	4	709,477	206	356,532	9,947	234,145	1,025,951
Port Hope.....	14	4,217,758	873	1,440,812	155,897	1,485,771	4,556,439
Prescott.....	18	876,590	478	500,479	15,705	674,587	1,521,193
Preston.....	32	8,134,141	2,230	3,343,391	170,504	5,324,927	11,349,573
Renfrew.....	25	3,558,050	977	1,295,392	127,658	2,950,456	5,679,287
Richmond Hill.....	11	1,879,571	741	1,550,511	23,640	786,658	3,740,450
Ridgetown.....	11	492,446	218	252,756	13,293	695,481	1,268,107
St. Catharines.....	95	46,279,431	11,109	20,218,926	1,120,063	47,153,262	86,742,678
St. Mary's.....	18	5,208,695	510	750,423	394,023	2,521,715	4,409,694
St. Thomas.....	38	5,075,333	1,613	2,149,220	122,464	3,436,150	8,162,748
Sarnia.....	45	78,070,050	5,138	9,575,966	3,397,693	40,953,552	63,611,788
Sault Ste. Marie.....	45	65,174,285	5,032	10,231,037	4,426,732	18,124,655	48,118,627
Simcoe.....	24	9,281,321	1,085	1,446,378	121,623	6,617,050	10,665,823
Smith's Falls.....	20	3,765,012	1,187	1,780,987	84,643	2,704,303	5,010,710
✓Southampton.....	5	657,986	346	473,587	31,088	747,635	1,616,021
Stratford.....	58	9,613,471	3,425	5,221,756	269,605	8,885,711	15,945,712
St. Catharines.....	18	1,042,270	584	614,926	39,159	2,183,881	3,633,196
Streetsville.....	8	428,837	126	189,927	23,209	1,211,089	1,625,181
Sudbury.....	42	3,209,584	659	932,664	82,392	1,938,787	3,654,476
Swansea.....	6	2,890,914	741	1,118,694	135,522	1,737,213	3,826,882
Tavistock.....	11	506,549	261	265,954	21,887	1,436,532	1,922,905
Thorold.....	19	16,447,505	1,543	3,158,255	1,579,801	6,233,079	14,131,726
Thilbury.....	7	1,871,918	714	1,250,436	98,331	3,280,045	6,452,744
Tillsonburg.....	20	2,007,985	630	856,014	85,777	4,638,981	6,603,091
Timmins.....	21	1,567,478	340	415,808	43,011	766,062	1,578,939
Toronto.....	3,238	647,907,281	156,459	259,307,913	11,700,345	481,504,056	961,923,997
Trenton.....	24	5,040,060	1,318	1,604,168	300,728	6,513,583	10,632,929
✓Walkerton.....	16	1,415,039	463	545,683	29,263	704,222	1,490,093
Wallaceburg.....	15	7,112,597	2,277	3,611,751	691,791	5,275,257	13,137,833
Waterloo.....	48	12,837,514	3,015	4,589,325	224,056	6,887,829	15,939,096
Welland.....	53	48,552,603	9,939	18,081,870	4,829,654	36,050,331	82,250,094
Wellington.....	8	723,850	154	131,586	34,865	717,433	1,197,004
West Lorne.....	6	663,757	204	287,327	15,033	1,143,923	1,876,282
Weston.....	27	15,858,377	4,694	8,418,299	258,956	8,548,304	18,774,374
Whitby.....	11	1,358,234	389	544,392	30,587	993,710	1,865,129
Windsor.....	229	206,850,571	38,516	85,965,874	4,731,441	247,504,385	417,745,229
Wingham.....	12	74,043	304	373,785	25,527	1,070,925	1,697,775
Woodstock.....	57	10,524,570	3,481	4,971,730	312,442	9,702,800	19,456,441
Manitoba—							
Brandon.....	34	3,039,538	615	787,980	106,324	4,533,704	6,223,280
Neepawa.....	8	727,431	110	146,587	95,498	499,449	1,044,923
St. Boniface.....	51	14,660,736	3,272	4,870,367	498,989	59,805,008	73,140,799
The Pas.....	6	1,014,804	177	272,691	4,711	412,871	1,222,511
Transcona.....	6	23,596,700	4,064	7,310,518	608,365	8,778,658	17,694,001
Winnipeg.....	688	100,511,565	24,898	35,807,283	2,201,271	106,485,838	174,523,234
Saskatchewan—							
Melville.....	8	249,137	71	76,423	24,031	995,690	1,222,438
Moose Jaw.....	42	8,079,517	1,478	2,207,838	405,101	25,744,184	31,776,952
North Battleford.....	11	745,232	290	465,744	25,579	570,209	1,427,537
Prince Albert.....	27	3,717,814	1,304	1,908,179	141,973	10,045,646	13,313,303

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

11.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1943—concluded

Province and Municipality	Estab-lish-ments	Capital	Em-employees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$	\$
Saskatchewan—con.							
Regina.....	102	18,911,228	3,430	5,721,379	981,545	23,305,802	35,785,047
Saskatoon.....	78	10,330,510	1,965	2,811,927	371,393	20,934,495	29,992,998
Swift Current.....	11	396,789	105	130,248	22,366	935,808	1,306,818
Yorkton.....	12	545,003	134	169,146	28,604	778,156	1,111,068
Alberta—							
Calgary.....	203	44,273,115	6,233	9,754,177	637,883	45,750,478	70,849,587
Edmonton.....	186	27,767,185	6,641	9,838,153	573,203	62,670,798	82,896,502
Lethbridge.....	30	2,726,503	633	835,243	71,675	2,778,488	5,659,070
Medicine Hat.....	23	7,932,986	1,035	1,320,073	77,575	8,652,443	11,711,748
Red Deer.....	12	495,706	106	127,671	23,349	1,026,297	1,384,081
British Columbia—							
Kelowna.....	22	2,051,961	468	625,860	44,578	1,279,493	2,360,040
Mission.....	12	1,212,865	197	267,266	23,305	1,429,256	1,994,354
Nanaimo.....	23	759,563	263	390,355	30,980	475,381	1,160,826
Nelson.....	25	1,125,305	329	460,995	32,198	818,652	1,673,138
New Westminster.....	91	20,463,591	5,037	8,744,444	518,582	19,915,427	37,402,702
Port Alberni.....	9	5,961,673	1,141	2,178,737	94,505	3,483,693	8,841,286
Port Moody.....	4	1,511,822	365	720,300	35,837	1,065,738	2,278,783
Prince Rupert.....	21	8,018,957	1,905	4,367,808	197,805	4,974,868	13,092,453
Vancouver.....	898	193,795,910	45,971	81,059,815	3,138,236	130,442,455	288,196,900
Vernon.....	21	1,147,605	398	517,641	64,702	1,045,451	2,012,655
Victoria.....	143	18,731,583	5,686	10,378,408	471,301	10,127,295	32,083,580

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

12.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1943

County	Estab-lish-ments	Capital	Em-employees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$
Prince Edward Island—						
Kings.....	64	457,134	408	276,059	1,281,093	1,857,347
Prince.....	84	1,027,703	459	315,433	2,379,761	3,229,936
Queen's.....	82	2,396,995	685	706,620	2,771,225	4,490,163
Totals.....	230	3,881,832	1,552	1,298,112	6,432,079	9,577,446
Nova Scotia—						
Annapolis.....	42	1,210,160	580	468,218	1,553,537	2,496,612
Antigonish.....	26	156,173	139	101,716	348,005	572,243
Cape Breton North.....	21	820,162	307	384,870	1,435,714	2,342,424
Cape Breton South.....	81	58,856,742	6,803	11,078,506	16,666,968	31,187,393
Colchester.....	80	5,161,234	1,616	1,547,982	4,069,048	7,420,366
Cumberland.....	90	5,877,986	3,877	5,398,183	5,214,049	14,596,884
Digby.....	83	3,057,114	1,016	975,108	1,747,206	4,219,667
Guysborough.....	38	427,153	302	181,428	716,418	1,124,246
Halifax.....	193	39,890,554	8,137	13,231,136	31,698,272	56,203,111
Hants.....	60	3,955,809	844	816,885	2,261,896	3,965,452
Inverness.....	70	192,029	310	119,443	709,683	1,017,705
King's.....	75	1,885,856	1,006	874,275	2,574,790	4,004,764
Lunenburg.....	126	3,203,148	1,640	1,917,881	4,172,082	8,263,441
Pictou.....	98	33,773,157	7,305	13,258,815	14,636,364	32,900,516
Queen's.....	27	15,276,153	1,596	2,964,426	2,848,298	8,904,088
Richmond.....	23	51,885	59	16,179	42,144	68,554
Shelburne.....	54	986,420	562	532,265	1,930,636	3,058,050
Victoria.....	30	135,305	183	104,494	182,645	314,567
Yarmouth.....	61	4,446,663	1,163	1,233,902	3,744,062	5,803,005
Totals.....	1,278	179,363,703	37,445	55,205,712	96,551,817	188,463,088
New Brunswick—						
Albert.....	15	1,152,435	177	173,250	698,177	1,412,801
Carleton.....	49	1,100,221	457	458,066	1,380,733	2,173,112
Charlotte.....	59	11,305,371	1,974	2,292,648	6,230,445	10,825,838
Gloucester.....	85	10,264,188	1,617	2,039,855	5,036,547	9,908,479
Kent.....	48	305,582	318	169,428	888,974	1,289,588
Kings.....	53	729,909	460	424,267	1,630,137	2,839,310

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

12.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1943—continued

County	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
No.		\$	No.	\$	\$	\$
New Brunswick—con.						
Madawaska.....	43	9,280,000	1,102	1,677,090	4,715,441	9,354,581
Northumberland.....	59	1,637,200	988	759,689	2,332,941	3,576,879
Queens.....	23	517,484	314	338,356	957,760	1,690,018
Restigouche.....	48	21,999,093	1,996	3,187,836	6,985,865	16,178,056
St. John.....	149	33,763,911	7,859	11,335,534	30,124,717	53,478,646
Sunbury.....	8	41,850	34	20,421	89,438	178,830
Victoria.....	22	1,191,664	482	433,616	1,068,517	1,697,759
Westmorland.....	123	11,731,328	4,052	5,632,610	10,477,372	19,385,138
York.....	78	6,267,554	1,395	1,508,225	4,144,449	6,945,814
Totals.....	862	111,287,910	23,225	30,451,181	76,711,513	140,934,879
Quebec—						
Abitibi.....	174	1,766,836	908	824,894	2,493,699	4,094,525
Argenteuil.....	67	15,882,711	4,597	7,086,680	8,593,018	19,186,804
Arthabaska.....	123	5,941,893	2,608	2,722,440	8,167,856	13,179,962
Bagot.....	74	2,608,279	1,033	1,081,534	3,407,661	5,318,597
Beauce.....	173	3,281,151	1,799	1,487,918	4,152,246	6,939,670
Beauharnois.....	59	57,898,888	8,840	13,025,069	23,875,681	46,263,466
Bellechasse.....	95	583,956	271	177,841	1,236,145	1,567,979
Berthier.....	96	4,501,810	981	896,640	2,407,894	4,948,721
Bonaventure.....	95	1,316,031	609	570,198	1,614,329	3,132,308
Brome.....	40	604,978	221	185,724	865,393	1,196,947
Chambly.....	47	48,852,521	11,032	21,003,172	10,612,825	41,886,010
Champlain.....	179	56,324,116	6,530	8,577,274	23,445,348	46,291,575
Charlevoix East.....	46	3,687,613	378	462,355	936,667	2,227,429
Charlevoix West.....	32	161,238	65	42,147	151,540	220,318
Chateauguay.....	31	819,005	312	293,094	1,039,179	1,819,985
Chicoutimi.....	161	209,202,087	14,400	23,925,212	100,382,505	179,981,971
Compton.....	66	5,028,418	1,449	1,785,967	4,962,047	8,458,686
Deux Montagnes.....	39	558,921	179	140,810	825,912	1,126,968
Dorchester.....	106	1,059,958	6,583	8,025,238	11,404,963	29,535,208
Drummond.....	84	20,052,300	424	318,980	1,584,495	2,264,728
Frontenac.....	96	1,374,053	844	790,398	2,021,014	3,182,833
Gaspé East.....	128	4,067,601	1,108	1,002,544	3,251,407	5,556,429
Gaspé West.....	27	1,712,835	271	232,445	718,321	1,223,349
Gatineau.....	46	368,919	181	124,790	662,684	1,016,359
Hull.....	77	53,680,506	5,161	8,037,714	20,226,614	39,017,855
Huntingdon.....	33	1,559,921	562	780,063	2,616,889	4,191,199
Iberville.....	32	857,782	260	254,604	1,029,479	1,543,155
Jesus Island.....	20	789,880	216	219,244	371,639	774,864
Joliette.....	113	6,135,532	2,356	2,576,823	5,482,614	10,632,285
Kamouraska.....	79	1,018,982	477	371,498	1,168,298	1,958,835
Labelle.....	77	721,584	315	228,804	1,263,899	1,888,085
Lac St. Jean East.....	77	25,160,192	953	1,520,562	5,222,663	10,385,438
Lac St. Jean West.....	134	13,555,761	945	1,249,206	3,753,294	7,550,282
Laprairie.....	29	3,733,377	530	717,714	2,137,664	3,886,630
L'Assomption.....	58	75,382,647	9,374	14,270,447	7,899,632	105,675,174
Lévis.....	67	22,849,473	5,901	9,044,446	11,230,924	29,595,503
L'Islet.....	87	1,249,816	519	463,731	986,650	1,862,473
Lotbinière.....	93	784,537	384	246,512	1,831,591	2,565,636
Madeleine Islands.....	21	156,650	270	114,865	649,001	1,017,928
Maskinongé.....	68	2,325,874	1,086	1,037,677	3,179,734	6,144,169
Matane.....	71	2,545,125	859	852,927	1,969,159	4,100,825
Matapédia.....	66	1,181,740	526	396,359	1,524,195	2,226,842
Mégantic.....	100	2,616,545	1,224	1,198,355	2,320,801	4,456,430
Missisquoi.....	64	10,950,966	2,742	3,124,946	7,937,778	14,678,424
Montcalm.....	56	841,250	262	170,177	1,029,188	1,376,171
Montmagny.....	78	3,460,313	1,411	1,470,611	2,887,325	5,956,589
Montmorency No. 1.....	48	11,390,288	526	755,270	1,411,095	4,037,026
Montmorency No. 2 (Isle of Orleans).....	17	198,253	84	98,161	243,610	568,587
Montreal.....	3,169	892,068,398	230,629	371,022,632	831,713,602	1,487,054,652
Napierville.....	22	941,948	289	259,903	1,065,956	1,725,601
Nicolet.....	116	1,961,771	690	601,394	3,032,744	4,517,571
Papineau.....	93	11,117,207	1,381	1,857,533	4,797,167	10,979,123
Pontiac.....	37	762,320	271	215,539	998,874	1,602,967
Portneuf.....	161	15,289,200	1,960	2,458,390	6,439,287	13,207,333
Quebec.....	382	116,773,900	28,928	37,829,500	45,704,061	115,827,643
Richelieu.....	67	89,647,728	9,368	19,738,171	20,961,265	59,449,211
Richmond.....	67	10,805,069	2,182	2,923,309	7,457,493	14,026,809
Rimouski.....	134	3,524,156	1,249	1,258,610	4,246,388	7,044,910
Rivière-du-Loup.....	104	2,055,506	709	802,198	2,559,277	4,045,450

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

12.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1943—continued

County	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$
Quebec—continued						
Rouville.....	69	2,365,862	1,069	868,803	3,237,750	4,687,990
Saguenay.....	63	28,096,651	952	1,504,415	4,571,258	10,907,102
Shefford.....	117	21,709,160	5,694	6,528,458	15,157,239	35,128,538
Sherbrooke.....	102	29,640,748	8,408	11,017,604	19,434,600	41,639,836
Soulanges.....	26	589,428	150	163,383	375,770	1,044,264
Stanstead.....	83	10,487,074	4,524	5,562,737	24,523,190	39,428,221
St. Hyacinthe.....	126	11,795,604	5,257	5,433,790	13,508,525	24,176,405
St. Jean.....	73	15,472,362	4,290	5,612,974	8,598,052	18,305,572
St. Maurice.....	159	133,571,869	13,949	21,318,706	58,101,358	118,298,311
Témiscamingue.....	85	47,746,462	1,792	3,177,699	28,660,242	39,512,509
Témiscouata.....	81	1,123,791	735	686,782	1,847,907	3,166,632
Terrebonne.....	152	82,625,397	8,048	10,805,845	59,788,620	83,437,319
Vaudreuil.....	42	767,136	315	267,115	637,114	1,510,503
Verchères.....	58	7,256,561	1,268	1,907,616	6,323,836	10,771,712
Wolfe.....	73	856,030	338	303,593	1,120,335	1,716,026
Yamaska.....	62	765,936	236	212,841	1,579,312	2,057,511
Totals.....	9,372	2,230,620,386	437,247	658,323,620	1,483,627,797	2,852,191,853
Ontario—						
Addington.....	33	1,042,817	262	291,338	1,288,256	2,070,702
Algoma.....	86	66,948,286	5,461	10,772,067	19,567,484	50,309,651
Brant.....	158	55,928,587	15,306	24,396,512	30,484,679	73,133,858
Bruce.....	146	6,913,381	2,459	2,746,994	7,094,674	11,915,930
Carleton.....	305	40,927,386	12,243	19,175,978	26,203,473	60,007,972
Cochrane.....	96	63,334,009	2,812	5,325,724	11,024,199	28,807,775
Dufferin.....	34	1,073,147	274	245,364	1,368,449	1,856,046
Dundas.....	62	2,239,037	422	513,435	4,013,409	5,425,999
Durham.....	62	8,789,052	1,607	2,496,386	4,354,103	10,954,503
Elgin.....	87	6,870,000	2,200	2,828,612	7,990,292	14,569,947
Essex.....	304	228,844,429	41,016	89,456,438	260,260,610	442,134,796
Frontenac.....	107	33,898,827	6,989	9,842,452	21,354,664	47,126,119
Glengarry.....	92	752,001	379	301,448	2,451,168	3,130,575
Grenville.....	55	6,523,417	1,416	1,855,876	7,549,954	11,370,761
Grey.....	169	14,157,750	4,486	5,790,079	10,524,449	21,206,106
Haldimand.....	58	6,255,060	1,139	1,494,717	4,483,423	8,147,171
Haliburton.....	30	726,612	265	274,386	533,582	1,085,518
Halton.....	85	15,933,461	3,111	4,327,902	14,142,427	25,789,650
Hastings.....	218	29,526,209	6,483	8,789,788	20,073,822	40,858,222
Huron.....	134	5,639,500	1,571	1,781,327	9,724,701	14,033,809
Kenora.....	50	17,483,386	1,297	2,285,006	16,862,377	23,508,635
Kent.....	140	29,948,196	6,019	9,296,205	24,853,621	45,227,066
Lambton.....	125	82,761,812	5,961	10,597,949	47,623,201	72,845,723
Lanark.....	107	11,840,333	3,493	4,692,085	10,447,515	19,474,662
Leeds.....	132	10,799,809	2,934	3,865,638	16,020,620	25,176,617
Lennox.....	41	1,237,230	466	501,806	1,264,817	2,308,429
Lincoln.....	176	63,153,344	14,533	26,126,064	58,629,371	111,414,698
Manitowlin.....	19	175,972	61	41,164	277,629	401,160
Middlesex.....	325	51,240,408	14,404	20,989,905	41,271,620	89,730,899
Muskoka.....	56	4,489,586	1,104	1,275,088	3,797,710	6,830,107
Nipissing.....	70	4,249,284	1,219	1,580,388	3,296,265	6,251,245
Norfolk.....	69	12,336,902	1,843	2,276,301	17,860,767	23,764,235
Northumberland.....	118	5,407,567	1,528	1,797,224	6,273,178	10,233,674
Ontario.....	114	129,751,690	14,854	27,072,133	186,350,125	240,581,155
Oxford.....	176	21,466,795	6,480	9,302,183	26,348,225	46,224,687
Parry Sound.....	72	21,332,124	3,296	5,479,074	6,713,196	13,812,281
Peel.....	68	56,162,207	7,855	13,647,696	14,997,872	29,488,374
Perth.....	165	17,982,711	4,989	7,112,857	18,084,154	29,621,641
Peterborough.....	137	50,536,416	9,919	15,910,998	53,002,121	93,878,620
Prescott.....	113	6,962,545	946	1,299,345	5,185,164	7,885,480
Prince Edward.....	72	3,021,633	792	647,094	3,171,112	4,885,234
Rainy River.....	39	12,017,742	894	1,562,343	2,968,344	7,103,494
Renfrew.....	174	17,517,135	3,662	4,518,885	10,077,565	18,978,846
Russell.....	69	711,064	290	213,735	1,717,576	2,247,275
Simcoe.....	188	20,126,686	6,418	9,265,170	18,235,143	35,745,084
Stormont.....	95	34,073,001	5,451	7,538,320	14,219,836	30,421,968
Sudbury.....	120	93,861,501	7,147	12,912,587	87,303,333	108,640,789
Thunder Bay.....	147	54,795,208	9,969	18,147,918	21,952,396	58,256,815
Timiskaming.....	81	4,019,637	1,058	1,324,447	2,028,984	4,134,379
Victoria.....	69	6,875,400	2,007	2,486,809	4,932,417	9,643,833

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

12.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1943—continued

County	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$
Ontario—continued						
Waterloo.....	430	96,358,974	25,761	38,172,344	83,680,225	162,070,956
Welland.....	245	208,259,228	27,240	50,510,045	162,530,573	308,949,047
Wellington.....	197	21,080,112	7,382	10,151,581	22,996,618	43,738,515
Wentworth.....	542	328,101,616	56,610	98,594,341	168,199,382	373,034,472
York.....	3,520	898,459,193	202,216	342,488,536	651,250,470	1,280,711,250
District of Patricia.....	5	31,573	18	9,125	14,531	34,608
Totals.....	10,587	2,994,953,988	570,017	956,399,212	2,278,871,511	4,221,101,063
Manitoba—						
Division No. 1.....	51	314,107	177	108,079	870,979	1,100,713
Division No. 2.....	35	474,761	143	146,613	932,515	1,286,701
Division No. 3.....	22	254,866	90	86,614	728,495	908,886
Division No. 4.....	11	78,567	35	33,396	206,708	269,841
Division No. 5.....	41	35,153,422	4,543	8,083,598	10,900,199	22,536,470
Division No. 6.....	773	126,028,710	28,779	41,481,711	168,800,817	253,104,788
Division No. 7.....	63	3,223,512	709	865,536	4,863,732	6,700,357
Division No. 8.....	12	206,336	61	67,945	797,310	992,326
Division No. 9.....	18	3,069,062	1,187	1,740,189	1,684,295	4,605,263
Division No. 10.....	23	817,161	156	172,484	788,684	1,397,085
Division No. 11.....	19	270,481	80	74,268	863,842	1,057,455
Division No. 12.....	39	248,021	120	71,241	826,989	1,018,612
Division No. 13.....	33	250,508	156	129,817	677,001	1,025,272
Division No. 14.....	37	229,178	145	85,489	822,359	1,069,432
Division No. 15.....	20	190,794	74	43,620	421,669	614,478
Division No. 16.....	48	2,943,021	548	651,225	6,279,162	7,180,233
Totals.....	1,245	173,752,597	37,003	53,841,825	200,464,756	304,867,912
Saskatchewan—						
Division No. 1.....	26	1,254,101	104	145,998	759,598	1,137,892
Division No. 2.....	12	473,646	89	90,199	796,646	1,056,358
Division No. 3.....	12	137,377	34	27,231	92,514	157,487
Division No. 4.....	11	105,213	26	27,463	194,592	354,818
Division No. 5.....	36	498,132	162	152,117	1,770,847	2,144,260
Division No. 6.....	114	18,964,499	3,461	5,750,085	23,445,800	35,970,087
Division No. 7.....	50	8,149,984	1,492	2,220,671	25,790,102	31,837,753
Division No. 8.....	20	453,695	120	141,469	970,208	1,367,054
Division No. 9.....	47	1,151,955	347	359,964	1,825,619	2,579,354
Division No. 10.....	18	221,551	72	67,265	841,232	997,667
Division No. 11.....	95	10,657,829	2,027	2,879,704	21,560,578	30,789,543
Division No. 12.....	18	382,163	55	68,057	785,817	1,013,678
Division No. 13.....	17	159,828	54	50,019	315,266	406,894
Division No. 14.....	127	1,584,654	827	693,734	1,871,979	3,326,892
Division No. 15.....	68	4,242,211	1,437	1,996,782	10,765,122	14,230,299
Division No. 16.....	48	995,454	432	566,738	1,431,864	2,610,234
Division No. 17.....	46	291,478	161	98,573	645,599	915,722
Division No. 18.....	9	10,448,323	509	985,643	16,828,370	20,260,365
Unlocated Sawmills.....	202	505,000	274	124,154	501,432	967,003
Totals.....	976	60,671,093	11,683	16,445,866	111,193,185	152,123,360
Alberta—						
Division No. 1.....	27	8,211,533	1,085	1,398,996	8,983,700	12,206,464
Division No. 2.....	73	6,762,491	1,156	1,478,208	5,421,561	10,711,529
Division No. 3.....	8	2,126,950	444	612,105	1,122,961	2,510,786
Division No. 4.....	26	3,751,251	335	491,060	3,022,126	5,467,509
Division No. 5.....	10	78,410	30	23,939	215,190	277,173
Division No. 6.....	258	55,951,294	7,921	12,966,790	47,962,843	78,280,549
Division No. 7.....	31	528,788	115	126,459	1,255,979	1,618,763
Division No. 8.....	68	1,592,306	406	409,405	3,407,646	4,554,114
Division No. 9.....	78	710,568	508	438,096	1,217,432	2,010,275
Division No. 10.....	38	470,213	115	115,029	1,312,129	1,662,188

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

12.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1943—concluded

Province and Municipality	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$
Alberta—continued						
Division No. 11.....	245	28,891,341	6,962	10,126,992	64,812,295	85,734,599
Division No. 12.....	61	874,692	515	528,676	1,038,867	2,030,852
Division No. 13.....	28	189,085	84	47,653	501,176	624,980
Division No. 14.....	74	587,743	327	237,039	887,548	1,414,654
Division No. 15.....	33	501,993	270	253,544	355,395	853,312
Division No. 16.....	51	423,061	234	157,869	342,771	741,753
Division No. 17.....	4	17,700	11	6,509	7,640	28,084
Unlocated.....	20	15,000	95	76,000	189,792	431,553
Totals.....	1,133	111,682,419	20,613	29,494,369	142,057,051	211,159,142
British Columbia—						
Division No. 1.....	49	2,673,619	749	1,002,254	1,360,680	3,304,125
Division No. 2.....	89	53,301,977	5,700	11,128,246	33,504,562	62,971,604
Division No. 3.....	141	5,574,772	1,755	2,171,819	4,060,145	8,105,767
Division No. 4.....	1,170	265,264,747	72,878	131,591,843	204,484,976	441,247,003
Division No. 5.....	277	55,405,180	14,031	26,259,044	27,434,265	83,590,448
Division No. 6.....	67	1,530,166	609	704,529	1,230,366	2,445,531
Division No. 7.....	25	52,848,410	3,043	6,175,245	13,301,402	29,127,234
Division No. 8.....	84	2,359,919	763	996,933	1,164,003	2,754,685
Division No. 9.....	45	11,288,324	2,632	5,602,429	7,813,599	18,262,020
Division No. 10.....	14	112,934	61	79,431	91,007	237,896
Totals.....	1,961	450,360,048	102,221	185,711,773	294,445,005	652,046,313

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

APPENDIX I

Principal Statistics of the Manufacturing Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1943

MONTREAL

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Vegetable Products—						
Aerated and mineral waters.....	22	3,885,746	818	1,390,077	1,796,859	7,310,431
Biscuits, confectionery, cocoa and chocolate.....	45	9,628,585	3,074	3,459,970	10,395,048	18,770,528
Bread and other bakery products..	131	5,759,045	2,813	3,459,939	5,997,935	12,559,471
Breweries.....	6	24,650,881	2,508	4,973,514	6,058,712	21,165,311
Distilleries.....	3	3,475,375	319	766,882	1,468,988	2,281,319
Feeds, prepared stock and poultry	9	2,246,299	329	535,191	9,189,403	10,724,134
Foods, miscellaneous.....	51	7,890,175	1,061	1,473,717	8,210,419	12,338,895
Fruit and vegetable preparations...	25	3,093,513	787	899,332	3,227,650	5,216,385
Rubber goods, including rubber footwear.....	5	3,098,884	1,194	1,679,172	4,111,948	5,670,076
Tobacco, cigars and cigarettes.....	31	54,991,783	7,102	8,346,355	22,421,883	44,992,483
Vegetable oil mills.....	3	1,558,706	177	261,358	3,376,288	4,244,073
All other vegetable products.....	13	23,364,990	1,480	2,779,255	34,084,445	41,876,716
Totals.....	344	143,643,982	21,662	30,024,762	110,739,578	187,149,822
Animal Products—						
Belting, leather.....	6	817,908	186	279,872	574,076	919,833
Boot and shoe findings, leather...	8	416,826	125	145,952	118,224	461,589
Boots and shoes, leather.....	64	10,247,434	6,575	7,793,488	15,014,702	26,095,085
Butter and cheese.....	7	4,088,024	1,198	1,890,947	4,451,961	7,913,944
Cheese, processed.....	4	169,972	55	66,706	219,197	347,166
Dairy products, other.....	7	548,686	99	147,965	508,007	1,017,470
Fur dressing and dyeing.....	6	1,102,904	515	691,701	226,762	1,310,888
Fur goods.....	161	8,527,033	1,935	3,011,316	12,091,913	17,305,817
Gloves and mittens, leather.....	18	1,604,477	897	978,304	1,593,250	3,076,406
Hair goods.....	6	72,641	87	90,993	169,737	301,108
Leather tanneries.....	5	540,794	175	242,073	834,251	1,337,297
Miscellaneous leather goods.....	56	2,486,585	1,632	1,635,569	2,905,449	5,605,284
Sausage and sausage casings.....	19	335,832	140	185,331	1,084,457	1,513,801
Slaughtering and meat packing...	17	11,239,158	2,043	3,197,356	41,359,822	46,550,271
Totals.....	384	42,198,274	15,662	20,357,573	81,151,858	113,755,959
Textiles and Textile Products—						
Awnings, tents and sails.....	15	751,514	398	468,763	1,398,299	2,240,179
Bags, cotton and jute.....	8	3,564,792	584	692,552	6,495,408	8,120,604
Clothing, men's, factory.....	190	25,597,283	9,708	12,774,841	35,336,498	57,780,840
Clothing, women's, factory.....	453	29,452,084	16,631	20,400,505	46,097,040	82,120,778
Clothing contractors, men's.....	75	591,092	1,431	1,807,561	163,753	2,375,979
Clothing contractors, women's...	44	321,014	877	928,140	39,760	1,258,325
Corsets.....	7	360,296	252	277,196	341,761	833,299
Cotton and wool waste.....	9	389,027	150	203,587	805,039	1,229,983
Cotton textiles, miscellaneous.....	49	2,351,085	1,087	1,099,946	3,237,015	5,211,900
Cotton thread.....	4	3,346,090	741	840,937	2,403,523	4,828,231
Cotton yarn and cloth.....	5	18,997,981	3,685	5,058,310	12,690,493	19,912,604
Dyeing and finishing of textiles...	17	679,042	251	375,502	78,009	896,488
Hats and caps.....	72	3,924,633	2,465	3,012,591	4,683,456	9,438,303
Hosiery and knitted goods.....	29	4,074,220	1,986	2,043,359	3,720,773	7,204,896
Miscellaneous textiles.....	6	10,000,237	1,416	2,453,973	5,784,609	11,861,255
Narrow fabrics.....	9	810,904	407	598,659	414,802	922,352
Oiled and waterproofed clothing...	6	435,695	214	272,305	732,533	1,229,060
All other industries.....	10	8,957,342	549	1,152,211	1,420,664	2,488,280
Totals.....	1,008	114,604,331	42,832	54,460,938	125,843,435	219,953,356
Wood and Paper Products—						
Blueprinting.....	4	116,419	59	97,584	49,795	218,677
Boxes and bags, paper.....	24	5,390,347	2,407	2,700,055	5,825,625	10,483,222
Boxes, wooden.....	6	980,963	458	572,368	948,181	1,844,474
Carriages, wagons and sleighs.....	3	62,361	26	39,268	31,055	84,739
Cooperage.....	3	198,071	65	87,247	290,262	529,008
Engraving, stereotyping and electrotyping.....	23	1,206,025	486	1,048,541	280,705	1,659,839
Furniture.....	62	3,001,023	1,560	2,214,407	2,580,211	6,238,256
Lasts, trees and other wood shoe findings.....	7	828,399	422	486,849	386,526	989,606
Lithographing.....	6	1,787,606	484	877,438	1,110,637	2,622,337

Principal Statistics of the Manufacturing Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1943—continued

MONTREAL—continued

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Wood and Paper Products—conc.						
Miscellaneous paper products.....	28	1,955,102	671	838,101	1,888,022	3,709,866
Miscellaneous wooden products.....	22	282,903	192	277,195	211,047	621,699
Planing mills, sash and door factories.....	24	2,056,667	615	881,872	2,489,521	3,992,868
Printing and bookbinding.....	262	8,922,569	3,116	4,676,340	3,900,208	11,113,021
Printing and publishing.....	21	10,732,948	3,070	5,396,058	3,050,438	13,323,520
Refrigerators, other than gas and electric.....	3	129,421	96	135,142	137,642	410,649
Trade composition.....	8	254,654	114	204,590	15,774	335,583
Wood turning.....	3	38,006	24	33,410	39,160	74,989
All other industries.....	11	3,016,472	1,026	2,526,130	1,263,450	3,008,422
Totals.....	520	40,959,956	14,891	23,092,595	24,498,259	61,260,775
Iron and Its Products—						
Aircraft and aircraft parts.....	11	24,820,410	12,045	22,100,680	9,634,156	39,466,529
Automobile supplies.....	6	417,049	155	237,731	280,223	668,472
Boilers, tanks and platework.....	6	2,409,095	852	1,749,632	1,961,344	4,860,361
Castings, iron.....	12	14,054,282	1,952	3,501,268	5,244,265	12,631,881
Hardware, tools and cutlery.....	29	13,150,330	4,941	8,331,111	5,414,865	20,252,987
Heating and cooking apparatus.....	3	559,232	88	175,263	210,827	541,495
Iron and steel products, miscellaneous.....	32	42,499,440	5,509	10,908,774	99,803,636	120,257,156
Machinery.....	22	7,283,537	1,940	3,853,868	4,354,873	11,391,503
Machine shops.....	56	3,410,053	1,618	3,022,921	771,541	5,384,604
Primary iron and steel.....	5	15,680,848	2,957	6,119,992	6,390,413	14,217,811
Railway rolling-stock.....	6	48,317,278	14,485	28,388,553	46,736,470	80,511,222
Sheet metal products.....	27	15,809,861	3,762	5,749,201	8,421,810	18,246,746
Shipbuilding and repairs.....	6	31,791,878	11,705	25,529,210	29,935,612	61,945,909
Wire and wire goods.....	13	4,406,279	587	910,820	871,722	3,744,497
All other industries.....	4	241,757	154	237,739	130,519	577,201
Totals.....	238	224,851,329	62,750	121,316,763	220,162,276	394,698,374
Non-Ferrous Metal Products—						
Brass and copper products.....	29	11,520,044	4,292	7,888,847	15,229,052	30,075,451
Electrical apparatus and supplies..	35	51,764,559	14,879	25,132,308	41,508,275	71,292,951
Jewellery and silverware.....	37	1,906,281	836	1,092,605	1,597,519	3,392,462
Miscellaneous non-ferrous metal products.....	4	292,876	156	241,993	388,021	723,524
White metal alloys.....	8	1,835,876	240	455,221	2,857,338	4,145,417
Totals.....	113	67,319,636	20,403	34,810,974	61,580,205	109,629,805
Non-Metallic Mineral Products—						
Cement products.....	10	674,622	183	294,902	378,741	910,242
Glass products.....	18	4,484,109	1,070	1,549,831	1,425,069	3,778,246
Miscellaneous non-metallic mineral products.....	7	546,284	101	153,423	300,372	688,300
Stone products.....	11	484,769	80	123,062	85,996	280,207
All other industries.....	8	8,779,503	687	1,376,678	4,898,431	12,269,788
Totals.....	54	14,969,287	2,121	3,497,896	7,088,609	17,926,783
Chemical Products—						
Adhesives.....	5	789,733	129	183,603	381,600	955,167
Gases, compressed.....	6	2,322,896	287	487,800	213,683	1,914,270
Inks, printing and writing.....	6	371,801	77	137,051	224,757	510,103
Medicinal and pharmaceutical preparations.....	61	12,227,286	2,152	3,173,689	6,810,378	15,260,516
Miscellaneous chemical products..	22	776,660	218	339,748	564,573	1,172,015
Paints, pigments and varnishes....	23	15,316,659	1,743	3,059,875	8,124,477	17,485,594
Polishes and dressings.....	9	734,656	104	114,049	551,833	884,132
Soaps and washing compounds....	26	1,773,197	382	629,149	938,306	2,942,396
Toilet preparations.....	23	3,258,470	614	681,444	1,627,848	4,531,150
All other industries.....	7	24,028,980	4,938	6,769,311	7,558,373	19,128,165
Totals.....	188	61,600,338	10,644	15,575,719	27,095,828	64,783,508

**Principal Statistics of the Manufacturing Industries Located in the Cities of
Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1943—continued**

MONTREAL—Concluded

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Miscellaneous Industries—						
Artificial flowers and feathers.....	14	493,300	404	385,421	379,803	1,100,110
Brooms, brushes and mops.....	19	555,363	328	326,752	642,731	1,151,986
Buttons.....	13	522,052	357	409,172	412,430	1,104,355
Candles.....	4	197,664	60	73,847	149,462	290,107
Ice, manufactured.....	4	335,715	134	196,877	8,208	207,888
Lamps, electric and lamp shades..	7	248,698	155	160,977	199,820	409,691
Mattresses and springs.....	13	4,135,210	945	1,490,154	3,440,090	6,159,338
Pipes, tobacco.....	3	55,390	33	31,220	34,861	85,443
Regalia and society emblems.....	3	52,359	11	16,538	18,550	53,317
Scientific and professional equip- ment.....	7	521,409	179	265,930	134,345	497,631
Signs, electric, neon and other....	5	846,237	71	118,216	15,097	323,567
Sporting goods.....	4	283,768	204	183,745	449,260	720,641
Stamps and stencils, rubber and metal.....	9	277,188	84	135,857	49,791	247,547
Statuary, art goods and novelties..	17	240,723	223	213,996	97,887	387,684
Store and display accessories.....	4	63,368	25	24,857	18,763	51,598
Toys and toy equipment.....	8	88,308	84	68,798	120,440	228,050
All other industries.....	9	2,159,542	381	683,054	878,349	1,937,123
Totals.....	143	11,076,294	3,678	4,785,411	7,049,887	14,956,076
Totals, Montreal.....	2,992	721,223,427	194,643	307,922,631	665,209,935	1,184,114,458

TORONTO

Vegetable Products—						
Aerated and mineral waters.....	17	4,401,397	893	1,578,025	1,938,372	6,088,194
Biscuits, confectionery, cocoa, etc.	40	22,454,379	5,255	6,846,372	15,599,543	32,065,916
Bread and other bakery products..	258	11,474,833	5,458	7,314,064	11,207,228	24,143,881
Breweries.....	5	8,739,805	562	1,194,662	1,276,141	6,256,253
Feeds, prepared, stock and poultry..	11	2,777,998	371	622,578	5,533,380	6,927,428
Flour and feed mills.....	6	3,771,335	348	583,618	5,430,199	6,650,916
Foods, breakfast.....	5	194,529	63	77,032	130,698	377,634
Foods, miscellaneous.....	62	11,801,539	1,735	2,710,890	12,085,695	18,736,524
Fruit and vegetable preparations..	19	1,030,809	297	307,470	985,552	1,563,943
Macaroni, vermicelli, etc.....	3	256,420	98	117,491	273,299	432,332
Rubber goods, including rubber footwear.....	11	16,444,370	3,088	5,440,986	9,229,440	19,310,580
Tobacco, cigars and cigarettes....	10	2,874,326	499	546,108	1,118,810	2,488,698
Wine.....	5	899,334	85	163,166	157,015	423,904
All other industries.....	4	6,243,293	318	673,612	4,389,700	7,280,929
Totals.....	456	93,364,367	19,070	28,176,074	69,355,072	132,747,137
Animal Products—						
Belting leather.....	5	336,108	96	146,064	392,334	623,257
Boots and shoes, leather.....	23	1,569,771	1,039	1,344,742	1,967,732	3,851,386
Butter and cheese.....	10	7,337,416	1,607	2,970,216	7,251,754	12,139,610
Cheese, processed.....	4	509,623	191	245,029	5,006,489	6,377,055
Dairy products, other.....	11	213,950	51	62,922	206,237	366,093
Fur dressing and dyeing.....	5	455,940	302	431,677	195,056	842,465
Fur goods.....	162	6,414,285	1,387	2,451,875	9,699,694	13,907,697
Gloves and mittens, leather.....	5	109,509	55	58,629	102,599	213,546
Leather tanneries.....	5	2,273,283	447	704,069	2,094,286	3,561,090
Miscellaneous leather goods.....	61	2,990,024	1,610	1,800,068	3,265,034	6,373,215
Sausage and sausage casings.....	15	373,458	75	109,512	757,599	957,110
Slaughtering and meat packing....	22	30,316,123	3,438	6,371,037	73,305,510	85,717,790
All other industries.....	7	345,369	100	164,090	452,325	801,308
Totals.....	335	53,244,859	10,398	16,859,930	106,696,649	135,734,622
Textiles and Textile Products—						
Awnings, tents and sails.....	14	432,692	210	249,057	429,998	808,268
Bags, cotton and jute.....	7	1,215,882	208	235,573	2,044,044	2,544,583
Clothing, men's factory.....	87	12,901,305	7,168	10,682,111	20,154,411	34,678,602
Clothing, women's factory.....	244	10,487,768	6,300	9,087,885	16,528,595	31,356,884
Clothing contractors, men's.....	10	40,859	73	98,721	7,681	128,793
Clothing contractors, women's....	13	76,809	131	194,386	21,537	334,258

Principal Statistics of the Manufacturing Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1943—continued

TORONTO—Continued

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Textiles and Textile Products—						
concluded						
Corsets.....	12	1,018,217	469	548,600	750,866	1,708,337
Cotton and wool waste.....	8	1,133,355	185	335,968	2,317,345	3,014,202
Cotton textiles, miscellaneous.....	28	2,094,339	694	756,306	1,930,185	3,402,157
Dyeing and finishing of textiles.....	9	1,776,813	320	611,527	141,804	1,143,138
Hats and caps.....	63	2,242,533	1,354	1,852,203	2,835,469	5,690,823
Hosiery and knitted goods.....	44	8,325,502	3,004	3,601,570	6,544,558	11,907,637
Miscellaneous textiles.....	3	1,224,536	244	306,900	629,002	1,209,023
Narrow fabrics.....	13	901,230	265	344,366	421,641	1,264,498
Oiled and waterproofed clothing.....	4	1,069,000	589	768,139	2,403,109	3,635,017
Woolen cloth.....	5	2,797,463	667	975,305	3,057,001	4,411,453
Woolen goods, miscellaneous.....	12	1,951,260	453	767,426	3,692,065	4,928,068
Woolen yarn.....	4	3,315,544	650	777,761	2,055,339	3,646,880
All other industries.....	10	4,428,395	711	916,744	1,541,596	3,281,624
Totals.....	590	57,433,502	23,695	33,110,548	67,505,746	119,184,245
Wood and Paper Products—						
Blueprinting.....	3	108,475	32	45,895	54,855	209,500
Boxes and bags, paper.....	37	8,429,006	3,074	3,831,063	7,902,571	14,605,984
Boxes, wooden.....	6	760,971	297	427,915	725,834	1,480,906
Coffins and caskets.....	3	652,698	96	140,782	173,455	431,812
Engraving, stereotyping and elec- trotyping.....	32	3,451,636	1,060	2,345,541	845,806	4,052,042
Furniture.....	101	3,312,762	1,380	1,999,593	2,805,995	5,891,982
Lithographing.....	15	4,214,534	1,110	2,030,232	2,343,093	4,982,346
Miscellaneous paper products.....	53	5,627,165	1,402	1,992,704	3,960,789	8,131,638
Miscellaneous wooden products.....	52	1,961,961	1,033	1,435,244	1,201,853	3,557,532
Planing mills, sash and door fac- tories.....	21	2,791,870	625	900,715	2,217,850	3,750,477
Printing and bookbinding.....	290	17,329,724	5,217	7,562,282	8,920,337	21,590,186
Printing and publishing.....	34	11,360,913	3,771	7,199,297	5,844,428	20,954,616
Pulp and paper mills.....	7	5,066,904	840	2,058,496	3,698,765	7,393,817
Trade composition.....	16	573,447	167	311,956	40,126	471,894
Wood turning.....	5	47,823	23	24,223	18,880	55,729
All other industries.....	10	1,132,395	281	415,516	660,016	1,444,300
Totals.....	685	66,822,284	20,408	32,721,454	41,414,653	99,004,761
Iron and Its Products—						
Aircraft and aircraft parts.....	8	1,484,786	598	1,019,011	206,867	2,056,983
Automobile supplies.....	23	8,996,591	3,580	6,173,496	8,983,433	17,722,862
Bicycles.....	3	260,629	64	91,906	127,520	225,531
Boilers, tanks and platework.....	6	13,164,186	2,241	5,090,709	5,521,991	14,889,475
Bridge and structural steel.....	4	4,199,425	791	1,690,733	1,338,339	4,823,719
Castings, iron.....	13	7,001,464	1,395	2,686,113	1,891,908	6,599,874
Hardware, tools and cutlery.....	62	6,889,696	2,808	5,125,399	2,667,102	13,020,604
Heating and cooking apparatus.....	13	2,381,295	365	646,475	792,459	2,536,017
Miscellaneous iron and steel pro- ducts.....	32	60,386,442	14,718	29,435,650	18,336,507	63,592,778
Machinery.....	80	30,567,520	5,933	11,413,975	8,572,328	33,122,639
Machine shops.....	75	2,139,666	1,075	1,892,254	621,049	3,909,793
Sheet metal products.....	47	15,515,754	3,919	6,449,220	9,168,281	20,606,862
Wire and wire goods.....	18	994,524	233	367,947	926,859	1,793,750
All other industries.....	6	46,576,914	8,455	17,323,517	9,589,591	35,756,438
Totals.....	390	200,558,892	46,175	89,406,435	68,744,234	220,657,325
Non-ferrous Metal Products—						
Aluminum products.....	7	3,212,658	1,230	2,114,357	3,652,700	6,696,265
Brass and copper products.....	47	15,654,683	6,550	12,082,346	21,561,578	38,634,046
Electrical apparatus and supplies.....	92	39,333,555	10,249	15,830,257	29,506,776	62,925,831
Jewellery and silverware.....	53	5,600,006	1,504	2,483,997	7,646,306	11,968,830
Miscellaneous non-ferrous metal products.....	13	2,444,736	587	906,314	1,013,190	3,153,980
White metal alloys.....	8	3,916,347	649	1,083,858	5,653,979	8,518,627
Totals.....	220	70,161,985	20,769	34,501,129	69,034,529	131,897,579

Principal Statistics of the Manufacturing Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1943—continued

TORONTO—Concluded

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$.	\$	\$
Non-metallic Mineral Products—						
Asbestos products.....	3	46,874	12	16,395	25,820	51,734
Cement products.....	10	600,466	119	196,510	289,165	844,483
Clay products from domestic clay..	5	1,332,438	86	126,187	8,102	408,614
Clay products from imported clay..	3	60,446	17	23,156	10,940	59,670
Glass products.....	32	1,406,948	664	914,967	759,708	1,922,631
Miscellaneous non-metallic mineral products.....	6	284,022	86	144,719	124,568	427,125
Stone products.....	18	525,334	173	273,076	259,374	742,904
All other industries.....	9	34,357,395	1,470	2,675,438	14,102,028	23,395,043
Totals.....	86	38,613,923	2,627	4,370,448	15,579,705	27,852,204
Chemicals and Allied Products—						
Acids, alkalis and salts.....	4	493,354	18	48,105	490,531	688,669
Adhesives.....	8	1,602,127	283	474,469	1,203,589	2,226,245
Gases, compressed.....	9	1,839,625	271	473,540	309,891	1,979,307
Inks, printing and writing.....	19	2,541,003	449	1,087,602	1,512,767	3,820,140
Medicinal and pharmaceutical pre- parations.....	65	12,902,371	2,440	2,779,932	4,900,489	13,476,671
Miscellaneous chemical products....	55	4,185,631	859	1,404,243	4,218,303	8,401,528
Paints, pigments and varnishes....	24	7,301,038	1,342	2,481,413	6,328,339	12,143,311
Polishes and dressings.....	23	730,454	209	261,099	845,359	1,471,552
Soaps and washing compounds.....	29	12,491,986	2,007	3,769,314	9,857,057	19,787,770
Toilet preparations.....	38	5,069,048	941	1,269,605	2,641,786	8,090,067
All other industries.....	4	2,734,410	207	387,118	2,568,157	3,781,717
Totals.....	278	51,891,047	9,026	14,436,440	34,876,268	75,866,977
Miscellaneous Industries—						
Artificial flowers and feathers.....	9	217,518	180	147,847	120,067	333,593
Brooms, brushes and mops.....	13	1,312,169	366	475,352	985,358	2,027,680
Buttons.....	6	124,191	99	84,712	103,457	236,640
Fountain pens and pencils.....	6	2,178,740	370	478,038	900,241	1,775,800
Ice, manufactured.....	11	785,047	91	154,056	12,983	695,318
Lamps, electric, and lamp shades....	13	408,732	246	312,430	313,870	787,841
Mattresses and springs.....	21	1,362,012	480	841,494	1,907,970	3,227,558
Musical instruments.....	10	1,178,461	247	354,658	283,735	708,023
Regalia and society emblems.....	7	86,262	41	41,247	68,223	140,936
Scientific and professional equip- ment.....	16	3,242,059	389	569,813	546,831	1,691,162
Signs, electric, neon and other.....	7	223,354	68	142,578	156,548	422,150
Sporting goods.....	4	775,189	122	190,322	246,806	470,290
Stamps and stencils, rubber and metal.....	9	283,526	105	166,822	31,424	354,734
Statuary, art goods and novelties....	24	605,355	323	371,934	520,446	1,084,545
Store and display accessories.....	5	93,413	47	54,740	49,372	162,217
Toys.....	20	1,031,478	708	690,670	880,313	2,337,708
Typewriter supplies.....	5	1,034,772	190	379,081	591,029	1,258,821
Umbrellas.....	3	131,677	61	70,749	141,258	275,222
All other industries.....	9	742,467	158	198,912	431,269	958,909
Totals.....	198	15,816,422	4,291	5,725,455	8,297,200	18,979,147
Totals, Toronto.....	3,238	647,907,281	156,459	259,307,913	481,504,056	961,923,997

HAMILTON

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$.	\$	\$
Vegetable Products—						
Aerated and mineral waters.....	14	906,228	157	239,494	304,444	990,827
Biscuits, confectionery, cocoa and chocolate.....	8	717,975	186	234,977	543,524	1,559,272
Bread and other bakery products....	59	2,000,030	911	1,202,773	1,703,351	3,632,001
Foods, miscellaneous.....	10	1,068,053	215	269,485	985,837	1,587,160
Fruit and vegetable preparations....	5	7,995,673	437	652,188	2,008,078	2,655,443
Rubber goods, including rubber footwear.....	4	6,991,090	1,126	2,424,192	7,715,600	14,447,450
All other industries.....	5	9,012,889	837	1,061,468	2,666,211	5,845,994
Totals.....	105	28,691,938	3,869	6,084,577	15,927,045	30,718,147

Principal Statistics of the Manufacturing Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1943—continued

HAMILTON—Continued

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Animal Products—						
Butter and cheese.....	3	962,069	312	450,783	1,157,986	2,040,862
Fur goods.....	10	776,049	57	85,645	363,137	658,040
Miscellaneous leather goods.....	4	152,895	47	68,767	179,737	292,337
Slaughtering and meat packing.....	7	4,823,771	699	1,080,775	13,985,774	15,660,379
All other industries.....	4	106,149	19	34,087	103,795	164,591
Totals.....	28	6,820,933	1,134	1,720,057	15,790,429	18,816,209
Textiles and Textile Products—						
Awnings, tents and sails.....	3	136,693	56	68,874	167,511	253,531
Clothing, men's factory.....	6	1,489,197	863	1,077,886	1,959,030	3,396,894
Cotton yarn and cloth.....	5	11,097,558	2,108	2,442,741	5,690,130	9,690,620
Hats and caps.....	3	90,955	45	57,171	101,604	222,681
Hosiery and knitted goods.....	8	6,916,410	3,021	3,477,517	5,159,636	10,902,849
All other industries.....	11	4,558,375	782	1,095,284	3,185,473	5,721,475
Totals.....	36	24,289,188	6,875	8,219,473	16,263,387	30,188,050
Wood and Paper Products—						
Boxes and bags, paper.....	9	1,775,734	442	555,024	1,949,457	3,054,863
Engraving, stereotyping and elec- trotyping.....	6	176,970	60	137,884	31,073	253,435
Furniture.....	6	387,036	98	134,084	123,230	336,631
Miscellaneous paper products.....	10	2,678,474	502	830,101	2,049,576	4,081,252
Miscellaneous wooden products.....	5	44,857	24	40,895	30,545	97,164
Planing mills, sash and door fac- tories.....	6	444,566	145	197,903	421,964	847,270
Printing and bookbinding.....	46	1,824,152	414	580,062	765,878	1,789,539
All other industries.....	16	3,717,733	690	1,257,746	1,396,686	4,098,238
Totals.....	104	11,049,522	2,375	3,733,699	6,768,409	14,558,392
Iron and Its Products—						
Castings, iron.....	4	1,439,103	398	729,213	1,156,132	2,205,824
Hardware, tools and cutlery.....	15	4,243,766	677	1,295,783	1,596,586	4,670,735
Machinery.....	15	9,268,651	2,520	4,767,763	2,857,486	12,149,195
Machine shops.....	13	290,328	131	209,467	107,449	434,090
Miscellaneous iron and steel pro- ducts.....	10	34,503,869	5,185	10,036,996	7,920,687	26,443,835
Primary iron and steel.....	11	75,652,840	8,291	17,122,498	36,455,636	76,671,778
Sheet metal products.....	13	6,948,558	996	1,475,162	6,021,519	9,447,582
Wire and wire goods.....	12	14,319,499	3,320	5,511,109	3,882,057	15,771,697
All other industries.....	13	36,050,934	7,067	14,269,630	21,418,749	46,062,617
Totals.....	106	182,707,548	28,585	55,417,621	81,416,301	193,857,353
Non-ferrous Metal Products—						
Brass and copper products.....	8	1,609,484	596	1,045,051	1,014,286	3,176,225
Electrical apparatus and supplies..	12	22,388,147	7,011	12,314,042	7,084,297	32,226,009
Jewellery and silverware.....	4	837,878	321	498,332	448,662	848,879
All other industries.....	5	493,896	163	268,626	743,086	1,290,445
Totals.....	29	25,329,405	8,091	14,126,051	9,290,331	37,541,558
Non-metallic Mineral Products—						
Cement products.....	6	122,302	41	44,880	90,295	173,843
Clay products from domestic clay..	5	2,008,988	117	227,976	4,065	347,484
Clay products from imported clay..	4	1,359,395	423	700,555	208,776	1,532,011
Coke and gas products.....	4	17,299,627	688	1,213,304	8,215,092	14,646,778
Stone products.....	3	46,595	10	19,678	17,099	51,656
All other industries.....	13	4,342,600	1,121	1,779,540	2,179,337	6,833,765
Totals.....	35	25,179,507	2,400	3,985,963	10,714,664	23,585,537

Principal Statistics of the Manufacturing Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1943—continued

HAMILTON—Concluded

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Chemicals and Allied Products—						
Miscellaneous chemical products..	4	377,021	32	114,616	228,765	500,491
Polishes and dressings.....	4	376,876	64	78,496	314,692	546,788
Toilet preparations.....	3	176,148	40	61,919	97,594	279,719
All other industries.....	14	9,209,458	798	1,576,619	6,816,530	10,291,088
Totals.....	25	10,139,503	934	1,831,650	7,457,581	11,618,086
Miscellaneous Industries—						
Brooms, brushes and mops.....	7	1,275,311	303	314,137	589,197	1,546,727
Stamps and stencils, rubber and metal.....	3	152,347	36	57,869	30,851	154,154
All other industries.....	7	260,934	69	85,235	22,944	158,806
Totals.....	17	1,688,592	408	457,241	642,992	1,859,687
Totals, Hamilton.....	485	315,896,136	54,671	95,576,332	164,271,139	362,743,019

WINDSOR

Vegetable Products—						
Aerated and mineral waters.....	6	475,632	101	151,186	226,447	708,960
Bread and other bakery products..	23	901,724	448	657,828	949,459	2,204,100
Foods, miscellaneous.....	5	116,958	58	63,544	121,180	248,935
All other industries.....	9	16,378,367	965	1,681,612	5,006,966	15,086,452
Totals.....	43	17,872,681	1,572	2,554,170	6,304,052	18,248,447
Animal Products—						
Butter and cheese.....	5	1,078,284	428	780,420	1,582,795	2,712,115
Dairy products, miscellaneous.....	3	363,413	46	67,161	205,885	507,389
Fur goods.....	4	110,063	17	23,988	122,533	176,148
Slaughtering and meat packing...	4	238,766	66	101,473	1,050,310	1,307,535
All other industries.....	3	49,769	21	25,402	54,728	91,877
Totals.....	19	1,840,295	578	998,444	3,016,251	4,795,064
Textiles and Textile Products—						
All industries.....	10	667,921	327	414,025	1,489,727	2,370,724
Totals.....	10	667,921	327	414,025	1,489,727	2,370,724
Wood and Paper Products—						
Boxes and bags, paper.....	3	259,360	127	173,229	424,632	704,759
Miscellaneous wooden products...	4	291,572	60	80,806	66,906	175,328
Planing mills, sash and door fac- tories.....	6	545,579	98	140,262	208,801	449,574
Printing and bookbinding.....	19	383,467	113	193,080	174,315	451,955
All other industries.....	6	2,198,133	483	809,895	984,034	2,646,764
Totals.....	38	3,678,111	881	1,397,272	1,858,688	4,428,380
Iron and Its Products—						
Automobile supplies.....	16	18,338,602	4,729	9,906,539	23,115,570	44,218,275
Castings, iron.....	6	1,799,479	1,102	2,409,844	1,695,947	5,412,192
Hardware, tools and cutlery.....	10	2,352,906	644	1,677,296	955,406	3,797,880
Machinery.....	7	1,876,268	229	558,188	1,041,822	2,359,981
Machine shops.....	3	281,225	129	289,610	480,410	1,044,079
All other industries.....	18	134,766,618	24,438	58,122,914	189,453,398	292,866,237
Totals.....	60	159,415,098	31,271	72,964,391	216,742,553	349,698,644
Non-ferrous Metal Products—						
Brass and copper products.....	4	5,677,138	922	2,200,648	6,255,868	11,028,300
All other industries.....	6	497,888	75	147,509	473,289	828,508
Totals.....	10	6,175,026	997	2,348,157	6,729,157	11,856,808

Principal Statistics of the Manufacturing Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1943—continued

WINDSOR—Concluded

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Non-metallic Mineral Products—						
Cement products.....	5	180,304	49	63,150	126,964	170,904
All other industries.....	7	2,172,305	312	618,954	527,198	2,239,783
Totals.....	12	2,352,609	361	682,104	654,162	2,410,687
Chemical and Allied Products—						
Medicinal and pharmaceutical pre- parations.....	10	6,683,917	1,005	1,653,142	3,044,768	9,787,712
Miscellaneous chemical products.....	4	173,852	21	43,034	161,631	304,994
Polishes and dressings.....	3	416,590	81	119,536	379,533	725,811
Soaps and washing compounds.....	3	25,987	14	13,053	34,603	68,917
Toilet preparations.....	3	59,964	20	20,911	28,556	63,345
All other industries.....	5	4,993,909	570	1,344,628	2,471,994	5,952,298
Totals.....	28	12,354,219	1,711	3,194,304	6,121,085	16,903,077
Miscellaneous Industries—						
All industries.....	9	2,494,611	818	1,413,007	4,588,710	7,033,398
Totals.....	9	2,494,611	818	1,413,007	4,588,710	7,033,398
Totals, Windsor.....	229	206,850,571	38,516	85,965,874	247,504,385	417,745,229

WINNIPEG

Vegetable Products—						
Aerated and mineral waters.....	12	1,200,293	285	452,058	666,810	2,227,055
Biscuits, confectionery, cocoa, etc.	13	1,983,895	767	899,120	2,202,540	5,662,555
Bread and other bakery products..	62	2,324,765	911	1,202,403	1,775,699	4,029,600
Breweries.....	5	3,117,745	374	657,833	612,932	3,513,813
Flour and feed mills.....	5	5,186,345	332	465,383	6,005,341	7,438,532
Foods, breakfast.....	8	292,416	30	39,260	205,224	608,749
Foods, miscellaneous.....	19	2,786,458	474	515,148	5,963,290	7,425,831
Fruit and vegetable preparations..	6	701,722	272	173,567	513,300	829,286
All other industries.....	8	3,527,163	184	284,767	1,628,445	2,639,887
Totals.....	138	21,120,802	3,629	4,689,539	19,573,581	34,375,308
Animal Products—						
Boots and shoes, leather.....	5	248,357	192	182,451	589,207	797,393
Butter and cheese.....	10	2,570,459	682	1,106,655	3,798,793	6,064,881
Bags, cotton and jute.....	3	64,198	11	11,280	35,195	56,218
Dairy products, other.....	3	101,462	88	105,435	32,902	194,468
Fur dressing and dyeing.....	44	1,586,012	479	581,336	1,812,192	2,818,899
Fur goods.....	7	308,780	190	174,409	454,267	713,860
Gloves and mittens, leather.....	13	544,532	221	229,821	696,990	1,187,508
Miscellaneous leather goods.....	9	242,912	81	96,429	770,109	928,720
Sausage and sausage casings.....	5	7,907,295	1,871	3,017,444	38,423,943	43,002,438
Slaughtering and meat packing..	3	493,776	163	176,669	884,233	1,243,863
All other industries.....						
Totals.....	102	14,067,783	3,978	5,681,929	47,497,831	57,008,248
Textiles and Textile Products—						
Awnings, tents and sails.....	3	62,933	39	41,245	149,651	222,049
Bags, cotton and jute.....	4	2,871,694	243	326,340	5,660,956	6,584,755
Clothing, men's factory.....	29	3,017,291	1,895	1,861,242	5,488,111	8,109,755
Clothing, women's factory.....	27	2,100,124	1,396	1,563,377	4,208,470	6,758,069
Hats and caps.....	10	406,810	319	299,625	640,227	1,255,356
Hosiery and knitted goods.....	5	354,471	162	149,618	330,664	659,064
All other industries.....	3	32,318	31	31,753	23,936	63,479
Totals.....	81	8,845,641	4,085	4,273,200	16,502,015	23,652,527
Wood and Paper Products—						
Boxes and bags, paper.....	7	1,627,791	389	559,978	1,822,270	3,062,803
Boxes, wooden.....	4	306,933	148	171,782	203,996	464,222
Engraving, stereotyping and elec- trotyping.....	6	370,252	163	369,258	65,537	541,508
Furniture.....	31	632,037	349	451,982	521,491	1,307,930
Miscellaneous paper products.....	7	792,224	166	223,164	496,440	961,308
Miscellaneous wooden products....	10	38,477	28	26,688	26,535	65,622

**Principal Statistics of the Manufacturing Industries Located in the Cities of
Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1943—continued**

WINNIPEG—Concluded

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Wood and Paper Products— concluded						
Planing mills, sash and door fac- tories.....	9	892,050	210	290,299	453,611	865,625
Printing and bookbinding.....	77	4,273,350	1,123	1,524,826	1,206,679	3,460,952
Printing and publishing.....	21	2,994,253	790	1,309,216	683,683	3,772,807
All other industries.....	19	1,850,393	482	616,293	804,122	2,137,930
Totals.....	191	13,777,760	3,848	5,543,486	6,284,364	16,640,707
Iron and Its Products—						
Agricultural implements.....	4	725,621	163	225,664	336,488	728,256
Aircraft and aircraft parts.....	4	4,383,631	1,217	1,873,665	346,618	3,295,259
Automobile supplies.....	8	794,622	359	481,170	885,200	1,891,135
Castings, iron.....	4	2,714,789	633	1,088,527	385,276	2,001,293
Hardware, tools and cutlery.....	4	251,715	87	93,248	54,191	304,110
Iron and steel products, misc.....	4	2,592,067	427	736,730	1,095,097	2,551,660
Machinery.....	8	1,132,586	172	306,808	120,373	525,884
Machine shops.....	16	533,101	281	447,204	196,908	805,424
Sheet metal products.....	10	1,045,190	244	322,815	451,475	941,963
All other industries.....	5	12,589,504	3,584	6,871,853	5,562,188	15,013,459
Totals.....	67	26,762,826	7,167	12,447,684	9,433,814	28,057,943
Non-Ferrous Metal Products—						
Brass and copper products.....	5	766,525	170	319,201	734,303	1,618,575
Electrical apparatus and supplies..	9	557,049	222	310,037	567,387	1,150,151
Jewellery and silverware.....	3	39,038	17	23,353	3,961	41,598
All other industries.....	3	205,288	32	50,293	189,829	294,631
Totals.....	20	1,567,900	441	702,884	1,495,480	3,104,955
Non-Metallic Mineral Products—						
Glass products.....	4	401,266	60	81,848	88,289	207,543
Miscellaneous non-metallic mineral products.....	6	790,432	120	183,423	739,147	1,374,573
Stone products.....	7	104,445	24	32,551	23,499	81,552
All other industries.....	7	5,481,405	224	333,145	649,677	1,495,745
Totals.....	24	6,777,548	428	630,967	1,500,612	3,159,413
Chemical and Allied Products—						
Medicinal and pharmaceutical pre- parations.....	7	1,718,131	153	183,476	575,724	1,355,356
Paints, pigments and varnishes.....	4	1,530,779	203	312,074	815,683	1,466,607
Soaps and washing compounds.....	6	842,923	81	125,024	359,313	657,572
Toilet preparations.....	4	55,322	63	63,810	55,979	133,118
All other industries.....	10	480,668	109	167,226	318,914	784,698
Totals.....	31	4,627,823	609	851,610	2,125,613	4,397,351
Miscellaneous Industries—						
Brooms, brushes and mops.....	6	166,579	104	100,663	153,656	305,467
Mattresses and springs.....	5	1,407,836	435	644,353	1,742,744	3,038,629
Scientific and professional equip- ment.....	5	30,720	20	24,328	8,782	54,942
Signs, electric, neon and other.....	4	864,041	75	121,988	30,630	359,977
Stamps and stencils, rubber and metal.....	4	39,797	13	21,549	9,398	35,956
Statuary, art goods and novelties..	3	62,535	20	15,739	24,704	49,738
All other industries.....	7	391,974	46	57,314	102,614	282,073
Totals.....	34	2,963,482	713	985,984	2,072,528	4,126,782
Totals, Winnipeg.....	688	100,511,565	24,898	35,807,283	106,485,838	174,533,234

Principal Statistics of the Manufacturing Industries Located in the Cities of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1943—continued

VANCOUVER

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Vegetable Products—						
Aerated and mineral waters.....	8	903,910	113	174,888	252,918	847,455
Biscuits, confectionery, cocoa, and chocolate.....	23	1,088,110	459	515,597	1,044,857	2,499,325
Bread and other bakery products..	110	2,311,872	1,338	2,007,174	3,191,591	6,835,935
Feeds, prepared stock and poultry..	6	3,297,116	193	314,596	1,954,264	2,412,342
Foods, miscellaneous.....	23	3,467,866	416	479,333	5,774,533	6,730,194
Fruit and vegetable preparations..	14	3,214,960	549	677,649	3,314,839	4,709,866
Macaroni, vermicelli, etc.....	3	409,869	58	58,286	106,902	218,360
Tobacco, cigars and cigarettes....	3	10,766	10	6,903	5,381	17,906
All other industries.....	12	10,343,632	813	1,477,420	7,265,048	12,434,613
Totals.....	202	25,048,101	3,949	5,711,876	22,910,333	36,705,996
Animal Products—						
Boots and shoes, leather.....	6	947,503	242	302,013	666,707	1,080,169
Butter and cheese.....	11	1,863,268	627	1,061,980	4,765,966	6,460,708
Dairy products, other.....	6	582,317	82	144,485	410,419	846,609
Fish curing and packing.....	11	2,859,094	418	536,125	3,278,271	4,398,236
Fur goods.....	13	449,784	71	87,362	264,738	481,961
Gloves and mittens, leather.....	4	130,105	77	106,456	144,304	283,947
Leather tanneries.....	3	190,059	30	43,912	141,859	247,673
Miscellaneous leather goods.....	4	215,631	83	94,283	134,842	330,948
Sausage and sausage casings.....	4	330,399	58	73,945	466,422	633,329
Slaughtering and meat packing....	8	6,771,997	847	1,340,996	15,230,190	17,887,844
Totals.....	70	14,340,157	2,535	3,791,557	25,503,768	32,651,424
Textiles and Textile Products—						
Awnings, tents and sails.....	4	572,097	212	265,508	834,441	1,296,897
Clothing, men's factory.....	10	618,766	281	313,285	688,539	1,126,602
Clothing, women's factory.....	20	764,082	416	461,840	671,930	1,360,135
Cotton and wool waste.....	3	81,129	47	43,652	226,754	289,220
Hosiery and knitted goods.....	3	396,035	174	187,987	285,746	660,108
Woolen cloth.....	3	517,871	132	161,480	268,660	683,985
All other industries.....	7	761,113	146	167,731	1,320,420	1,593,823
Totals.....	50	3,711,093	1,408	1,601,483	4,296,490	7,010,770
Wood and Paper Products—						
Blueprinting.....	4	30,050	15	19,579	12,499	42,810
Boatbuilding.....	9	324,397	111	179,218	427,578	815,576
Boxes and bags, paper.....	7	1,533,785	350	455,691	1,500,975	2,585,434
Boxes, wooden.....	8	884,525	287	349,542	613,071	1,198,840
Coffins and caskets.....	3	196,070	47	55,263	145,398	307,791
Cooperage.....	3	109,288	32	52,249	112,963	185,086
Engraving, stereotyping and elec- trotyping.....	9	279,026	118	160,959	40,232	261,058
Furniture.....	49	1,615,083	868	1,193,490	1,313,974	2,973,595
Lithographing.....	6	736,431	146	274,702	726,080	693,392
Miscellaneous paper products.....	10	1,229,572	294	362,286	1,118,557	1,737,780
Miscellaneous wooden products.....	8	600,255	139	258,320	554,305	967,272
Planing mills, sash and door fac- tories.....	28	3,303,614	1,186	1,736,287	2,848,622	6,054,131
Printing and bookbinding.....	87	1,799,060	588	873,249	609,172	1,851,583
Printing and publishing.....	8	3,311,943	979	1,673,209	973,793	4,453,074
Sawmills.....	13	9,404,285	3,000	5,230,531	8,239,180	16,151,846
Wood turning.....	3	58,401	33	40,880	29,441	105,130
All other industries.....	8	749,101	222	573,278	437,201	928,398
Totals.....	283	26,164,886	8,415	13,488,733	19,283,041	41,312,796
Iron and Its Products—						
Automobile supplies.....	5	243,975	49	102,017	139,521	309,531
Boilers, tanks and platemwork.....	4	2,498,585	246	545,119	4,394,970	7,282,442
Castings, iron.....	12	1,133,725	472	946,022	576,966	2,434,207
Hardware, tools and cutlery.....	10	1,160,070	370	597,475	1,162,485	2,244,117
Heating and cooking apparatus.....	6	180,905	97	150,101	106,374	308,352
Iron and steel products, misc.....	13	7,637,052	1,492	3,391,644	1,795,373	7,307,864
Machinery.....	18	6,148,979	1,479	2,931,592	3,258,170	8,842,545

**Principal Statistics of the Manufacturing Industries Located in the Cities of
Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1913—concluded**

VANCOUVER—Concluded

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Iron and Its Products—concluded						
Machine shops.....	31	1,015,648	456	807,904	414,606	1,644,193
Primary iron and steel.....	4	607,056	381	785,564	287,474	1,905,335
Sheet metal products.....	14	8,663,040	1,047	1,748,259	4,939,537	8,609,092
Shipbuilding and repairs.....	13	15,317,994	9,104	18,988,150	15,809,750	55,655,879
Wire and wire goods.....	6	2,086,713	356	602,251	2,252,477	3,567,316
All other industries.....	6	54,026,659	10,910	19,823,738	11,372,787	45,896,940
Totals.....	142	100,720,401	26,459	50,919,836	46,510,490	146,007,813
Non-Ferrous Metal Products—						
Brass and copper products.....	15	547,815	327	669,968	607,010	1,779,109
Electrical apparatus and supplies.....	11	611,338	304	455,250	625,600	1,596,450
Jewellery and silverware.....	4	119,667	61	106,286	56,048	232,143
White metal alloys.....	3	362,982	69	104,330	706,192	941,181
All other industries.....	1	56,180	40	69,042	38,400	164,963
Totals.....	34	1,697,982	801	1,404,876	2,033,250	4,713,846
Non-Metallic Mineral Products—						
Cement products.....	8	298,134	82	136,034	180,188	361,101
Glass products.....	5	207,128	55	53,534	93,555	188,039
Miscellaneous non-metallic mineral products.....	3	153,595	45	100,882	155,339	377,374
Stone products.....	5	89,661	16	21,189	10,334	62,473
All other industries.....	8	13,893,030	389	691,527	5,862,235	9,107,740
Totals.....	29	14,641,548	587	1,003,166	6,301,651	10,096,727
Chemicals and Allied Products—						
Medicinal and pharmaceutical pre- parations.....	3	77,522	31	31,313	16,317	110,330
Miscellaneous chemical products.....	7	99,629	36	43,435	46,414	133,967
Paints, pigments and varnishes.....	6	866,415	115	176,391	498,616	1,023,812
Polishes and dressings.....	3	7,903	4	4,611	4,525	13,107
Soaps and washing compounds.....	13	354,094	93	126,120	259,635	539,408
All other industries.....	10	1,338,878	223	386,961	1,198,953	2,717,411
Totals.....	42	2,744,441	502	768,831	2,024,460	4,538,085
Miscellaneous Industries—						
Brooms, brushes and mops.....	5	189,475	108	125,816	133,859	329,599
Ice, manufactured.....	7	1,211,508	86	134,198	11,897	355,301
Mattresses and springs.....	3	650,060	215	313,668	652,520	1,268,101
Musical instruments and materials.....	4	18,354	7	6,567	3,592	9,961
Scientific and professional equip- ment.....	4	1,910,681	631	1,413,434	592,524	2,146,831
Signs, neon, electric and other.....	3	388,229	72	148,051	22,905	520,801
Stamps and stencils, rubber and metal.....	7	146,867	52	69,040	24,558	148,832
Statuary, art goods and novelties.....	4	15,934	18	10,755	6,577	22,501
All other industries.....	9	196,193	126	147,928	130,540	357,516
Totals.....	46	4,727,301	1,315	2,369,457	1,578,972	5,159,443
Totals, Vancouver.....	898	193,795,910	45,971	81,059,815	130,442,455	288,196,900

APPENDIX II

Alphabetical List of the Products Reported as having been Manufactured in Canada in 1943

The appended list of the products of Canadian manufacturing industries presents the value and in most cases the quantity of the individual products in a much more detailed form. Prior to 1927, in presenting statistics of manufacturing production, the whole production of an establishment was taken as a unit. This not only prevented the presentation of production figures for specific products in detail, but also involved numerous inaccuracies in the production statistics of classes of commodities, owing to the fact that commodities which may be the major line of production in one establishment may also be products of secondary importance in another establishment where the major line of production puts the establishment into a different class. The statistics which follow, however, have been compiled by taking from the individual returns of each of the 27,652 manufacturing establishments covered, the value and, when given, the quantity of each commodity specified as produced by the establishment. In this way, detailed production figures are obtained for specific commodities and furthermore the total production of each commodity is brought together, no matter how varied may be the operations in different establishments producing it. Nevertheless it should be pointed out to those making use of these figures that there is one element of incompleteness about them. In the returns of many manufacturers, products of minor importance are grouped under the name "all other products". As will be seen from the group at the end of the list, the value of products not specified, while they may appear unimportant to the individual manufacturer, are, in the aggregate, a large amount, especially in the industries of the iron and steel group. It is obvious that one manufacturer may consider a product of insufficient importance to report separately for his establishment, while that same product may be reported separately by other establishments. In other words, included in the value of other products not specified at the end of the list, there are doubtless values which, had the products been specified by the manufacturer, would have been included in the values of commodities appearing on the list. However, the products not specified total only about 1.7 per cent in value of the whole manufacturing production, although in the iron and steel group this proportion is 3.3 per cent. With the exception of this group, therefore, the incompleteness of the figures on this account, is insignificant.

There is no duplication in the listing of products, nor do any of the items include products listed in more detail under another name. It is possible, however, that essentially the same commodity produced in different establishments may have been called by different names; in such a case, which is probably a very rare one, the items would appear separately in the following list.

Alphabetical List of Products Manufactured in Canada, 1943

Items	Unit of Measure	Quantity	Value
			\$
Abrasive cloth.....	—	—	*
Abrasive paper.....	—	—	*
Abrasive wheels and segments.....	—	—	5,114,962
Absorbent cotton.....	—	—	*
Acetic anhydride.....	—	—	*
Acetone.....	—	—	*
Acetylene.....	cu. ft.	114,111,166	2,657,631
Acid, acetic.....	—	—	*
Acid, calcium phosphate.....	—	—	*
Acid, cresylic.....	—	—	*
Acid, fatty, coconut, palm oil and tallow.....	—	—	301,622
Acid, hydrochloric (Muriatic).....	—	—	*
Acid, hydrofluosilicic.....	—	—	*
Acid, nitric.....	—	—	*
Acid, oleic.....	—	—	*
Acid, phosphoric.....	—	—	*
Acid, stearic.....	—	—	*
Acid, sulphuric.....	lb.	1,143,038,656	5,924,546
Adhesives, n.e.s.....	—	—	323,552
Advertising matter, printed, n.e.s.....	—	—	13,662,981
Advertising novelties (see "Novelties").....	—	—	*
Agitators, mining and metallurgical.....	—	—	48,399
Agricultural implements and parts, not elsewhere specified.....	—	—	4,150,213
Air conditioning equipment.....	—	—	338,614
Aircraft, including parts and repairs.....	—	—	289,087,222
Alcohol, butyl.....	—	—	*
Alcohol, denatured.....	pr. gal.	7,985,816	4,013,340
Alcohol, not denatured.....	"	12,339,713	6,097,265
Alcohol, ethyl and not specified.....	—	—	*
Almond paste.....	—	—	*
Alumina, fused (crude).....	ton	190,727	20,543,657
Alumina, fused (abrasive grains).....	—	—	*
Aluminum fluoride.....	—	—	*
Aluminum products not specified.....	—	—	4,123,731
Ammonia, anhydrous.....	lb.	177,289,490	3,937,493
Ammonia, aqua.....	—	—	*
Ammonia, liquid.....	—	—	11,841
Ammonia, liquor.....	—	—	17,155
Ammonia powder.....	lb.	3,947,424	179,947
Ammonium chloride.....	—	—	*
Ammonium hydroxide.....	—	—	*
Ammonium nitrate.....	—	—	9,051,906
Ammonium perchlorate.....	—	—	*
Ammonium phosphate.....	—	—	*
Ammonium sulphate.....	ton	198,082	6,243,230
Ammunition (see Munitions and supplies)	—	—	*
Amplifiers (public address system).....	—	—	*
Amyl acetate.....	—	—	*
Anti-freeze preparations.....	—	—	*
Antimony, secondary.....	—	—	*
Apple butter.....	lb.	945,206	94,282
Apple pomace, chop and waste.....	"	4,456,532	101,483
Apple juice concentrate.....	"	11,113,341	953,454
Apples, evaporated and dehydrated.....	"	12,731,795	1,749,705
Aprons, fabric.....	doz.	257,052	890,700
Aprons, rubber and oiled.....	"	6,777	93,970
Arm bands.....	"	14,692	17,267
Art needlework.....	—	—	152,142
Art work (printing).....	—	—	839,253
Asbestos clutch facings.....	—	—	179,781
Asbestos gaskets.....	—	—	31,636
Asbestos products, n.e.s.....	—	—	638,030
Asphalt.....	Imp. gal.	45,907,559	3,794,709
Asphalt emulsion.....	gal.	2,804,945	352,913
Asphalt products, not elsewhere specified.....	—	—	611,906
Atomizers.....	—	—	*
Automobiles, commercial—			
$\frac{1}{2}$ ton or less.....	no.	11,424	12,399,540
1 ton and less than $1\frac{1}{2}$ tons.....	"	208	229,434
$1\frac{1}{2}$ tons and less than 2 tons.....	"	3,266	2,248,470
2 tons and less than $2\frac{1}{2}$ tons.....	"	15,224	11,429,570

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1943—Con.

Items	Unit of Measure	Quantity	Value
			\$
Automobiles, commercial— <i>Concluded</i>			
2½ tons and less than 3½ tons.....	no.	42,289	54,559,042
3½ tons and over.....	"	46	265,649
Other, including military vehicles.....	"	105,630	141,356,112
Automobiles, passenger—			
Buses and bus bodies.....	—	—	366,766
Automobile bodies and cabs.....	—	—	51,073,232
Automobile parts and accessories, not specified.....	—	—	125,531,375
Automobile trailers.....	—	—	5,188,353
Awnings and verandah curtains.....	—	—	533,792
Axes and hatchets.....	no.	780,614	650,619
Axes and shafts, automobile.....	—	—	11,176,114
Axes and parts, not specified.....	—	—	—
Babbitt metal.....	lb.	3,826,064	984,920
Badges, rosettes, buttons, etc.....	—	—	1,031,073
Bags, fabric—			
Cotton.....	doz.	6,022,553	11,640,429
Jute.....	"	4,640,556	10,376,845
Sleeping.....	—	—	1,261,943
Tea.....	—	—	122,773
Fabric, not specified.....	—	—	2,055,537
Bags, leather and imitation leather—			
Club bags and suit cases.....	—	—	1,655,250
Hand.....	—	—	4,743,787
Shopping.....	no.	156,816	121,745
School.....	"	126,507	83,860
Bags, paper—			
Glassine and cellophane.....	—	—	708,912
Millinery.....	—	—	249,682
Self-opening.....	—	—	2,765,588
Paper, not specified.....	—	—	6,095,958
Bags, rubber, air and steam.....	no.	8,791	92,456
Bags, repaired.....	—	—	1,115,284
Bale ties—quantity made.....	ton	4,332	—
—quantity sold.....	"	4,411	398,785
Ball and rod mills (metal working).....	—	—	*
Balloons.....	—	—	*
Balls, golf, tennis, footballs, etc.....	—	—	419,022
Barium chlorate.....	—	—	*
Barley, pot and pearl.....	lb.	8,900,069	240,572
Barley, roasted.....	—	—	*
Barn and stable equipment, not elsewhere specified.....	—	—	337,894
Barrels, wooden—			
Apple, etc.....	no.	834,263	1,053,417
Fish.....	"	78,789	130,007
Flour, sugar, etc.....	"	403,089	504,580
Oil, vinegar, water, etc.....	"	333,746	1,105,957
Whiskey, beer, etc., and other tight cooperage.....	—	—	*
Barrels, steel.....	—	—	1,473,320
Barrels, repaired, etc.....	—	—	111,798
Bars, iron and steel—			
Hot rolled, of all grades—			
Quantity made.....	net ton	537,413	—
Quantity sold.....	"	470,556	42,081,805
Concrete reinforcing—			
Quantity made.....	net ton	18,947	—
Quantity sold.....	"	19,323	1,151,991
All other, including cold rolled and cold drawn, spike rods, bolt stock, etc.—			
Quantity made.....	net ton	56,169	—
Quantity sold.....	"	54,862	7,399,757
Bars and ingots, sold—			
Aluminum.....	lb.	8,899,954	1,473,208
Brass.....	"	10,097,941	1,392,319
Bronze.....	"	15,193,264	1,914,478
Basket bottoms.....	—	—	29,515
Baskets and crates, fruit and vegetable.....	—	—	1,858,160
Baskets, other, not specified.....	—	—	656,192
Bathing caps.....	doz.	6,233	44,733
Bathing suits.....	"	64,016	1,099,900
Bathrobes, kimonos, lounging jackets, etc.—			
Cotton.....	doz.	43,992	1,078,208
Silk and artificial silk mixed.....	"	32,582	2,054,690

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1943—Con.

Items	Unit of Measure	Quantity	Value
			\$
Bathrobes, kimonos, lounging jackets, etc.— <i>Concluded</i>			
Wool and flannel.....	doz.	8,480	616,163
Not specified.....	"	29,973	890,000
Bats, baseball.....	no.	116,378	57,340
Batteries—			
Storage for automobiles and other internal combustion engines	"	1,092,433	5,377,085
Storage for railway service.....	"	8,664	141,540
Storage, for motor cycle starting.....	"	5,088	18,985
Storage, for telephone switch boards.....	"	4,392	111,672
Storage, for farm lighting plants.....	"	48,731	815,388
Storage, for all other purposes.....	—	—	1,737,836
Dry-cell, 6-inch.....	no. of cells	1,963,590	576,289
Dry-cell, flash-light.....	—	18,061,082	1,099,316
Dry-cell, radio, A. B. and C.....	no.	5,176,751	2,344,544
Parts, supplies and primary wet cells.....	—	—	1,260,309
Battery containers and parts.....	—	—	841,277
Batting, wadding, flocks and rolls (including auto batts.).....	—	—	1,377,358
Beauty parlour and barber equipment, n.e.s.....	—	—	209,305
Beds and couches—			
Metal and iron beds.....	no.	133,005	1,220,128
Studio couches, metal.....	"	10,147	261,807
Studio couches, other.....	"	55,367	1,490,623
Metal couches, other.....	"	9,150	133,016
Metal and iron cots and bunks.....	"	184,118	1,049,247
Cribs, all kinds.....	"	20,740	171,059
Beds, camp and other, n.e.s.....	—	—	27,414
Bedspreads and bed sets—			
Cotton.....	no.	224,918	1,323,277
Silk and artificial silk.....	"	57,141	233,002
Not specified.....	"	10,858	70,415
Beef extract.....	—	—	*
Beekeepers' supplies, not elsewhere specified.....	—	—	433,579
Beer, ale, stout and porter—			
In barrels.....	gal.	29,442,596	27,238,811
In bottles.....	"	66,248,562	87,519,955
Beer, spruce.....	"	184,933	80,134
Beet pulp, wet and dried.....	—	—	307,876
Bells and gongs.....	—	—	*
Belting, cotton.....	—	—	*
Belting, leather (transmission).....	lb.	823,424	1,615,819
Belts, automobile, fan.....	no.	1,130,017	403,943
Belting, rubber.....	lb.	4,904,190	2,777,478
Belts, rubber, not specified.....	no.	370,991	354,021
Belts and aprons, sanitary.....	—	—	68,959
Belts, body, not specified.....	—	—	1,164,463
Benzol.....	Imp. gal.	5,823,478	818,656
Bicycles.....	no.	47,673	1,265,144
Bicycle parts.....	—	—	49,539
Billiard and bowling supplies, n.e.s.....	—	—	166,403
Binders, loose-leaf and other.....	—	—	1,112,455
Binders, grain and corn.....	—	—	2,453,764
Binding and stitching (trade work).....	—	—	789,928
Bindings (see also tapes).....	—	—	759,754
Bins and hoppers.....	—	—	690,868
Biological products, n.e.s.....	—	—	888,164
Biscuits, plain and fancy.....	ton	47,511	15,754,754
Biscuits, pretzels and rusks.....	—	—	*
Biscuits, soda.....	ton	25,524	7,945,543
Black, acetylene.....	—	—	*
Blackboards, asbestos.....	—	—	*
Blankets—			
Cotton.....	pair or lb.	1,654,559	2,678,605
Cotton, mixed.....	pair or lb.	173,801	702,106
Cotton, warp.....	pair or lb.	1,032,105	390,309

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1943—Con.

Items	Unit of Measure	Quantity	Value
			\$
Blankets— <i>Concluded</i>			
Wool.....	pair or lb.	671,879	
Not specified.....	pair or lb.	5,238,064 13,174	5,309,477
Slumber throws.....	no.	87,093	80,793
Blankets, horse.....	no.	66,341	248,588
Bleaching compounds.....	—	81,221	229,000
Blinds, venetian (see "shades and blinds")	—	—	*
Blooms, billets and slabs.....	—	—	13,906,485
Blouses, women's.....	doz.	386,596	6,119,623
Blouses and shirtwaists, boy's (see "shirts")	—	—	*
Blow torches.....	no.	1,991	37,409
Blowers, furnace.....	—	—	120,014
Blue, laundry.....	—	—	1,526,760
Boats, life and whale.....	no.	113	164,026
Boats, motor.....	"	784	74,620
Boats, outboard motor.....	—	—	3,416,617
Boats, scows, tugs, and other craft.....	no.	112	23,673
Boats, sail.....	"	2,509	123,832
Boats, other, including row boats, skiffs, etc.	—	—	806,074
Boiler compounds.....	no.	11,067	5,242,281
Boilers, heating.....	—	—	2,501,193
Boilers, heating and power.....	—	—	9,374,257
Boilers, power.....	—	—	696,735
Boilers, range.....	—	—	*
Boilers, steam.....	—	—	2,267,475
Boiler parts and accessories.....	lb.	3,566,568	526,301
Bologna and blood pudding.....	—	—	12,119,083
Bolts, nuts and rivets.....	lb.	1,279,065	25,961
Bone meal.....	—	—	190,276
Bone, raw, ground, etc.....	—	—	4,956,118
Books, printed and bound.....	—	—	—
Books and pads, drawing, exercise, scribblers, etc., not elsewhere specified.....	—	—	1,646,930
Books, ledger and account.....	—	—	442,351
Books, counter, check, sales, etc.....	—	—	1,143,592
Books, blank, bound, not specified.....	—	—	688,122
Boron carbide.....	—	—	*
Bottles, thermos.....	—	—	*
Bowling supplies.....	—	—	214,451
Box toes.....	pr.	7,947,564	163,276
Boxes, paper—	—	—	18,805,937
Corrugated.....	—	—	633,140
Fibre board.....	—	—	12,889,842
Folding.....	—	—	112,078
Mailing tubes and other round.....	—	—	7,236,924
Set-up.....	—	—	193,196
Not specified.....	—	—	—
Boxes, wooden—	no.	38,297,682	174,533
Berry.....	"	1,815,251	785,992
Butter.....	"	1,605,822	573,441
Cheese.....	—	—	*
Cigar and tobacco.....	no.	1,427,529	404,973
Fish.....	—	—	15,580,258
All other boxes and containers, not specified.....	—	—	688,393
Braids and gimps.....	—	—	157,308
Brake beams and parts.....	—	—	3,889,210
Brakes, auto, and parts.....	—	—	1,237,486
Brakes, brake shoes and parts.....	ton	332,689	8,049,312
Bran.....	lb.	6,404,552	840,684
Brass alloys.....	—	—	12,796
Brass products, not specified.....	lb.	1,244,265,552	68,903,553
Bread.....	—	—	—
Breakfast foods (see "cereal products")	—	—	97,034
Bricks, cement.....	M	138,829	2,817,731
Bricks, from domestic clay.....	—	—	129,148
Bricks, sand-lime.....	—	—	*
Briquesettes, coal and coke.....	—	—	—
Brooms—	doz.	312,195	1,598,026
Corn.....	"	19,658	201,572
Fibre.....	—	—	—

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1943—Con.

Items	Unit of Measure	Quantity	Value
			\$
Brooms— <i>Concluded</i>			
Hair.....	doz.	3,235	84,584
Toy.....	"	12,423	17,002
Other.....	—	—	25,026
Bronze alloys.....	lb.	13,216,878	1,965,715
Bronze products, n.e.s.....	—	—	93,750
Brushes—			
Made of corn and fibre.....	doz.	88,631	147,298
Clothes.....	"	21,590	86,166
Generator and motor.....	—	—	500,964
Hair.....	doz.	59,278	417,339
Nail.....	"	33,847	37,106
Paint.....	"	366,315	1,527,427
Shaving.....	"	114,507	599,066
Shoe.....	"	68,647	144,528
Tooth.....	"	633,395	875,717
For household purposes.....	"	295,011	736,329
For industrial use.....	"	210,034	1,105,672
Other, not specified.....	—	—	554,698
Brush blocks, backs, etc.....	—	—	57,765
Buckles, clips, etc.....	—	—	197,428
Buffing composition.....	—	—	*
Buffing wheels.....	—	—	*
Bufs, polishing, cotton.....	—	—	*
Building blocks, hollow, cement, cinder, sand-lime, etc.....	—	—	1,116,890
Bungs, barrel.....	—	—	17,183
Buns.....	—	—	9,263,415
Burners, lamp and lantern.....	—	—	*
Butane.....	—	—	*
Butter, factory made.....	lb.	311,709,476	105,103,734
Butter, whey, factory made.....	"	2,199,866	683,661
Buttons—			
Celluloid.....	gr.	63,689	156,121
Plastic materials.....	"	945,215	530,922
Metal.....	"	1,752,664	358,694
Moulded.....	"	3,209,439	817,172
Pearl.....	"	646,749	368,127
Covered.....	"	37,800	26,235
Not specified.....	—	—	465,833
Button covering, hemstitching, etc.....	—	—	805,698
Butyl acetate.....	—	—	*
Cabinets, medicine.....	—	—	*
Calcium chloride.....	—	—	*
Calcium carbide.....	—	—	*
Calcium cyanamide.....	—	—	*
Calcium cyanide.....	—	—	*
Calcium phosphide.....	—	—	*
Calcium stearate.....	—	—	*
Calks, horseshoe and other.....	—	—	91,953
Camel back.....	lb.	1,539,072	474,880
Cameras.....	—	—	*
Candles.....	—	—	1,033,571
Candlesticks, n.e.s.....	—	—	47,408
Candy sticks.....	—	—	36,167
Canoes.....	no.	2,855	190,609
Cans, paper, metal ends.....	"	97,063,563	2,508,612
Cans, fibre.....	"	7,328,925	273,558
Cans, milk and cream.....	"	36,192,455	749,134
Cans, tin, packers' sanitary.....	no.	595,884,833	13,908,123
Cans, tin and metal, other.....	—	—	8,649,028
Canvas and canvas goods, not elsewhere specified.....	—	—	832,835
Capacitors, (static condensers) for power factory correction.....	—	—	*
Caps—			
Cloth.....	doz.	186,183	1,511,875
Cotton.....	"	60,503	180,785
Fur.....	"	7,459	230,028
Leather.....	"	17,985	160,728
Sport.....	"	38,999	169,578
Uniform.....	"	165,854	1,885,831
Not specified.....	"	10,082	63,687
Caps, bottle, paper.....	—	—	902,905
Caps, bottle, metal and other.....	—	—	5,194,341
Carbamite.....	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1943—Con.

Items	Unit of Measure	Quantity	Value
			\$
Carbon dioxide gas.....	—	—	37,582
Carbon dioxide in cylinders.....	lb.	10,237,893	800,905
Carbon dioxide, solid.....	"	9,701,577	307,264
Carbon bisulphide.....	—	—	*
Carbons, illuminating, for lamps.....	—	—	*
Carbon products, not specified.....	—	—	36,252
Cards, greeting.....	—	—	3,254,563
Cards, playing.....	—	—	*
Cards, visiting.....	M	14,777	41,240
Carpets, mats and rugs—			
Carpets in rolls, including stair—			
Axminster.....	carpet yd	262,790	616,184
Wilton.....	"	219,409	818,820
Other, not specified.....	"	11,154	17,535
Carpets in squares, 4'6" by 7'6" or larger—			
Axminster.....	"	558,279	1,311,627
Wilton.....	"	122,257	461,362
Other.....	"	10,089	32,026
Small squares and runners—			
Axminster.....	"	92,936	230,079
Wilton.....	"	35,047	143,048
Other, not specified.....	"	54,341	136,069
Rugs made from old carpets.....	—	—	227,404
Rugs and carpets not specified.....	—	—	446,083
Carpet sweepers.....	—	—	*
Carriages and wagons, complete.....	—	—	156,760
Carriages and sleighs, baby.....	—	—	1,442,449
Carriage and wagon bodies and boxes.....	—	—	34,860
Carriage and wagon materials.....	—	—	392,942
Carriers, litter.....	—	—	*
Cars, steam railway, new.....	no.	6,248	24,706,354
Cars, mining.....	—	—	*
Cars, dump, hand, push and other not specified.....	—	—	656,684
Carvings, wood and other.....	—	—	25,896
Casein.....	lb.	3,142,479	659,313
Cases, clock.....	—	—	*
Cases, eye-glass and jewellery.....	—	—	400,530
Cases, key.....	no.	148,940	20,621
Cases, leather and imitation leather, all kinds.....	—	—	264,582
Cases, toiletware and silverware.....	—	—	128,096
Cases, not specified.....	—	—	940,564
Caskets.....	no.	91,216	2,828,792
Casks, fish.....	"	13,556	22,875
Casks, other.....	—	—	1,503
Castings—			
Aluminium.....	lb.	6,196,636	5,084,993
Brass.....	—	—	4,221,145
Bronze.....	"	35,693,737	8,887,874
Copper.....	"	150,794	36,371
Die.....	"	19,721,158	5,277,810
Grey iron.....	ton	274,489	24,608,365
Malleable iron.....	"	44,148	7,368,601
Iron, not specified.....	—	—	*
Lead.....	lb.	882,909	70,991
Steel—			
Quantity made.....	net ton	157,388	—
Quantity sold.....	"	123,865	28,182,205
Castings, not specified.....	—	—	389,888
Castors, all kinds.....	—	—	336,345
Catalogues, printed, etc.....	—	—	3,389,847
Ceiling and siding, metal.....	—	—	7,915
Cellophane products, not elsewhere specified.....	—	—	*
Celluloid products, not specified.....	—	—	133,059
Cellulose products, n.e.s.....	—	—	367,560
Cement, Portland.....	bbl.	7,302,289	12,709,852
Cement, roofing.....	—	—	*
Cement, rubber.....	—	—	415,036
Cements and cement products, not specified.....	—	—	845,689
Cereal products, prepared ready to serve.....	lb.	85,929,470	11,780,119
Cereal products, unprepared.....	"	38,374,128	1,757,556
Cerelose.....	—	—	*
Certificates, stock, bond, etc., printed.....	—	—	1,909,702
Chains, automobile.....	—	—	3,344,359

The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1913—Con.

Items	Unit of Measure	Quantity	Value
Chains, other than automobile, including sprocket chain.....	—	—	\$
Chamois products.....	—	—	4,054,351
Chaplets, foundry.....	—	—	293,910
Chaps.....	—	—	168,164
Charcoal.....	—	—	*
Cheese, Canadian cheddar.....	lb.	165,527,733	901,078
Cheese, other than cheddar.....	—	—	33,550,326
Cheese, skim milk and cottage.....	"	2,348,768	817,696
Cheese, processed and packed.....	"	3,995,086	449,787
Cheesecloth.....	"	35,970,129	10,589,766
Chemical products, not elsewhere specified.....	—	—	517,729
Cheques, notes, drafts, bank notes, etc., printed.....	—	—	1,435,966
Chests, cedar.....	—	—	845,323
Chests, other, wood.....	no.	27,264	623,988
Chewing gum.....	—	—	16,825
Chicken, canned (see "meats, canned").....	boxes	8,781,875	4,837,697
Chicory, roasted.....	—	—	*
Children's wear, not elsewhere specified.....	—	—	535,061
Chloride of lime.....	—	—	127,755
Chlorine, liquid.....	—	—	1,984,228
Chocolate coating.....	lb.	9,347,736	1,737,780
Choppers, food.....	—	—	*
Churns.....	—	—	72,877
Cider (for sale).....	gal.	161,734	72,290
Cigars.....	M	200,370	9,665,753
Cigarettes.....	"	13,591,320	155,930,531
Cinder blocks (see "building blocks").....	—	—	55,470
Classifiers (metal working).....	—	—	219,614
Clay, bentonite and other.....	—	—	—
Cleaners, vacuum—	—	—	—
Floor models.....	no.	2,577	79,850
Not specified and parts.....	—	—	162,041
Cleaner, hand.....	—	—	197,679
Cleaning and scouring powder and paste.....	—	—	1,316,738
Cleaning preparations, other.....	—	—	839,675
Clips, wire.....	—	—	120,530
Clocks.....	—	—	484,858
Cloth, gummed.....	—	—	*
Clothes pins.....	—	—	156,530
Clothing, rubber, n.e.s.....	—	—	1,254,878
Clothing, anti-gas.....	—	—	2,476,537
Clothing, military, not elsewhere specified.....	—	—	3,605,162
Clothing, safety.....	—	—	112,341
Clothing, sport and athletic—	—	—	—
Jackets and blazers (see "coats, jackets, etc.").....	—	—	—
Suits.....	—	—	2,383,427
Slacks.....	—	—	2,433,552
Shorts.....	doz.	124,321	881,283
Parkas and hoods.....	—	—	1,079,948
Other sport clothing.....	—	—	281,145
Clothing, hospital.....	—	—	347,512
Clothing, oiled and waterproofed.....	—	—	2,184,454
Clothing, not specified.....	—	—	759,565
Coats, boys' and men's—	—	—	—
Boy's overcoats and reefers.....	no.	104,584	888,212
Men's overcoats.....	"	1,156,000	18,924,684
Men's and boys' separate jackets, woollen.....	"	801,996	5,462,639
Men's and boys' separate jackets, other.....	"	274,813	400,451
Coats and cloaks, women's—	—	—	—
Silk and artificial silk.....	no	14,248	185,430
Woollen.....	"	1,434,029	25,696,627
Other.....	"	78,576	996,067
Coats, children's—	—	—	—
Woollen.....	no	510,935	3,080,152
Other.....	"	41,936	133,614
Coats, other—	—	—	—
Jackets and blazers.....	no.	502,254	1,904,028
Windbreakers.....	doz.	148,730	5,347,002
Leather coats and vests, not elsewhere specified.....	"	14,326	1,354,709
Mackinaws.....	"	14,387	1,209,247
Washable coats, men's and boys.....	"	389	34,182
Rubber and rubberized coats.....	"	8,227	446,145
Waterproofed and oiled coats, other.....	"	60,263	4,858,201
Other coats, not specified.....	—	—	1,026,716

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1943—Con.

Items	Unit of Measure	Quantity	Value
			\$
Coats, other— <i>Concluded</i>			
Coats, fur—			
Children's.....	no.	373	10, 867
Ladies' (coats and capes).....	"	194, 447	27, 155, 511
Men's.....	"	1, 248	191, 540
Coats, fur-lined.....	"	1, 655	155, 248
Brush coats and house coats.....	doz.	15, 768	267, 991
Coat shells and plates.....	—	—	681, 607
Cobalt naphthanate.....	—	—	*
Cocoa (made for sale).....	lb.	11, 816, 162	1, 804, 652
Cocoa butter—			
Made for own use.....	"	6, 767, 073	—
Made for sale.....	"	4, 993, 919	1, 374, 544
Cocoa and chocolate preparations, not specified (for sale).....	"	1, 810, 629	455, 951
Coffee, roasted.....	lb.	41, 143, 412	14, 516, 056
Coffee substitute.....	"	1, 134, 135	201, 503
Coffee makers, non-electric.....	—	—	191, 333
Coffins.....	no.	16, 275	276, 074
Coffins, boxes (shells).....	"	72, 870	367, 703
Coils.....	—	—	145, 277
Coke, gas-house.....	ton	3, 551, 773	31, 339, 978
Coke, petroleum.....	"	85, 312	616, 837
Coke, pitch.....	"	17, 995	147, 935
Cold storage equipment.....	—	—	39, 035
Collars and cuffs, men's.....	—	—	175, 343
Collars, fur.....	no.	143, 689	1, 703, 233
Colours, butter, cheese and other.....	—	—	245, 516
Colours, dry.....	—	—	1, 267, 951
Colours, in oil and japan.....	lb.	883, 172	203, 474
Combs.....	—	—	*
Comforters—			
Cotton.....	no.	159, 632	425, 640
Down.....	"	15, 975	197, 437
Wool.....	"	47, 270	215, 135
Not specified.....	"	12, 272	62, 467
Communication systems, radio and radar equipment, etc.....	—	—	*
Compressors, air.....	—	—	2, 500, 087
Concrete, ready mixed.....	cu. yd.	225, 922	1, 873, 357
Conduit, electrical, rigid iron.....	lb.	16, 870, 384	1, 395, 010
Conduit, electrical, flexible.....	—	—	56, 066
Conduit fittings.....	—	—	763, 113
Conduit, not specified.....	—	—	259, 755
Cones, ice cream.....	M	356, 623	786, 897
Cones and tubes, textile winding.....	—	—	237, 442
Confectionery, chocolate—			
In bulk.....	lb.	20, 587, 931	6, 404, 571
In bars.....	doz.	42, 421, 669	16, 175, 086
In packages.....	lb.	11, 057, 963	4, 254, 179
Confectionery sugar—			
In bulk.....	lb.	44, 319, 639	7, 534, 921
In bars.....	doz.	4, 290, 144	1, 649, 721
In packages.....	lb.	7, 365, 183	2, 497, 275
Penny goods.....	gr.	1, 286, 671	1, 265, 382
Lozenges.....	—	—	*
Confectionery, not specified.....	—	—	421, 648
Containers, not specified.....	—	—	755, 860
Control and starting equipment, not elsewhere specified.....	—	—	3, 435, 034
Converter equipment, electrical.....	—	—	4, 574, 064
Coolers, milk.....	—	—	153, 992
Cooperage products, not specified.....	—	—	12, 845
Copper alloys.....	—	—	*
Copper carbonate and copper cyanide.....	—	—	*
Copper naphthenate.....	—	—	*
Copper products, not specified.....	—	—	106, 956
Cores, for paper rolls.....	—	—	671, 174
Cores, radiator.....	—	—	183, 836
Cores, textile winding.....	—	—	*
Corn, cracked.....	lb.	13, 782, 380	362, 185
Corsets, girdles, brassieres, etc.—			
Corsets.....	doz.	143, 212	3, 298, 623
Combination garments.....	"	36, 781	1, 220, 102
Bandeaux, brassieres, etc.....	"	364, 926	2, 175, 446
Suspender girdles, shoulder straps, etc.....	—	—	134, 524
Corset steels, and clasps.....	—	—	198, 855

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1943—Con.

Items	Unit of Measure	Quantity	Value
			\$
Cotter pins.....	—	—	*
Cotton fabrics—			
Unbleached or grey.....	lb.	70,007,630	—
Bleached or white.....	yd.	189,409,198	33,371,433
	lb.	8,916,329	—
Yarn and stock dyed.....	yd.	36,499,248	5,466,831
	lb.	12,863,554	—
Piece dyed.....	yd.	32,704,289	6,450,842
	lb.	24,040,066	—
Printed and painted.....	yd.	68,131,111	16,351,666
	lb.	13,975,886	—
Pillow cotton.....	yd.	60,935,386	10,207,058
	lb.	622,056	—
	yd.	1,522,777	360,643
Cotton and continuous filament, artificial silk mixed—			
Piece dyed.....	lb.	619,406	—
	yd.	1,515,625	677,577
Bleached.....	lb.	25,322	—
	yd.	60,826	24,105
Other.....	lb.	2,313	—
	yd.	6,946	579
Not specified.....	—	—	2,598,939
Counters, shoe.....	pr.	32,420,158	621,743
Covering, boiler and pipe, asbestos.....	—	—	801,017
Covers, canvas.....	—	—	7,680,842
Covers, couch, table, and other furniture.....	—	—	243,246
Covers, mattress.....	—	—	228,308
Covers, radiator, tire, seat, etc., fabric.....	—	—	269,930
Covers, not specified.....	—	—	1,599,696
Cracklings and fats.....	lb.	29,478,821	644,004
Crayons, wax and chalk.....	—	—	186,814
Cream curd.....	—	—	133,694
Cream, sold in dairy factories.....	lb.	18,191,262	12,881,003
Cream, whey, sold in dairy factories.....	"	1,020,573	309,767
Cream of tartar, refined.....	"	183,911	156,892
Cream of tartar substitute.....	—	—	*
Cream separators.....	no.	13,081	866,073
Cresols.....	—	—	*
Croquet sets.....	—	—	*
Cross arms.....	—	—	126,361
Crucibles, clay.....	—	—	*
Crushers and parts.....	—	—	50,764
Cuffs, fur.....	pr.	18,329	93,231
Cultivators.....	—	—	275,634
Cumene.....	—	—	*
Cups, paper, drinking.....	—	—	609,409
Curtains, shower.....	—	—	15,812
Curtains, window.....	—	—	1,759,949
Curtain material.....	—	—	194,624
Curtain rods and fixtures.....	—	—	202,871
Cushions.....	—	—	480,336
Cushion forms.....	no.	248,772	122,637
Cushions and mattresses, air and sponge.....	doz.	829	12,091
Cutlery, all kinds.....	—	—	924,138
Dairy products, not specified.....	—	—	118,756
Dairy equipment, not specified.....	—	—	*
Decorations, including party favours, confetti, etc.....	—	—	*
Dentifrices.....	—	—	3,345,740
Dentists' supplies, not elsewhere specified.....	—	—	226,905
Deodorant.....	—	—	320,265
Depressors, tongue.....	—	—	26,350
Desk sets.....	—	—	39,352
Dextrine.....	—	—	689,621
Dextrose (see glucose)	—	—	—
Diaries printed etc.....	—	—	109,310
Dibutyl phthalate.....	—	—	*
Dicyandiamide.....	—	—	*
Dies, aluminum.....	—	—	*
Dies, stamping, drawing and cutting.....	—	—	450,338
Dies, metal working, n.e.s.....	—	—	1,645,708
Dies, taps and stocks.....	—	—	426,102
Dies, rubber, n.s.....	—	—	131,139

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1943—Con.

Items	Unit of Measure	Quantity	Value
			\$
Diggers, potato.....	—	—	*
Dinnerware, china.....	—	—	*
Diphenylamine.....	—	—	*
Disks, agricultural.....	no.	4,696	767,993
Dish cloths.....	doz.	158,015	92,530
Disinfectants.....	—	—	825,656
Display forms, and mounting.....	—	—	395,000
Display stands.....	—	—	16,954
Distillers' grain.....	—	—	524,849
Dog collars.....	no.	116,762	23,657
Doilies, paper, dinner cloths, etc.....	—	—	115,960
Dolls of all kinds.....	doz.	116,884	848,413
Dolls' furnishings and parts.....	—	—	9,656
Doors, steel rolling, kalomein and hollow metal.....	—	—	283,733
Dowels.....	—	—	262,319
Draperies and drapery material.....	—	—	131,337
Dresses, women's and misses—			
Cotton (see also "coats, brunch coats, house coats," etc.).....	no.	4,867,507	6,740,848
Linen.....	"	3,755	21,809
Artificial silk and mixtures.....	no.	7,421,489	29,036,961
Velvet.....	"	53,087	389,969
Woolen.....	"	466,981	3,656,652
Not specified.....	"	564	4,371
Dresses, children's—			
Cotton.....	no.	2,102,346	1,686,742
Artificial silk and mixtures.....	"	1,049,272	1,433,650
Woolen.....	"	117,814	245,715
Not specified.....	"	636	1,431
Dressing gowns, negligees (see "bathrobes," etc.).....			
Dressing, salad.....	lb.	9,233,736	2,047,921
Drilling machines.....	—	—	623,249
Drills, grain.....	no.	6,906	1,335,105
Drills, twist and other.....	—	—	6,948,175
Drills, mining and metallurgical.....	—	—	1,163,768
Druggists' sundries—			
Hot water bottles.....	doz.	19,118	107,252
Finger cots and pads.....	"	22,174	6,502
Nipples and soothers.....	"	530,456	143,203
Ice caps and collars.....	"	3,829	19,753
Not specified.....	—	—	5,260
Drums, veneer and plywood.....	no.	172,041	144,573
Dyeing, finishing, shrinking, etc.—†			
Dyeing and finishing of textiles.....	yd.	69,406,144	4,579,314
Dyeing and finishing of yarns.....	—	—	2,430,084
Dyeing and finishing of other products.....	—	—	413,720
Bleaching, sponging, etc.....	—	—	1,130,757
Dyes, household.....	—	—	339,733
Dyes and dressing, leather.....	—	—	524,099
Ear muffs.....	—	—	*
Eavetrough and pipe.....	—	—	186,064
Egg substitute, including powdered albumen.....	lb.	167,559	50,300
Eggs, frozen.....	"	3,808,947	961,146
Eiderdown (see "woolen cloth").....	—	—	13,053
Elastic products, not elsewhere specified.....	—	—	240,504
Electrical heating elements (sold separately).....	no.	358,670	2,984,724
Electrical apparatus, parts and supplies, not elsewhere specified.....	—	—	4,464,071
Electrical instruments and meters, except ammeters for autos.....	—	—	10,864,214
Electrodes, carbon and graphite.....	net ton	139,031	1,541,889
Electrotyping and stereotyping.....	—	—	241,822
Elevator parts.....	—	—	975,300
Elevators, freight and passenger.....	—	—	149,539
Embalming fluid.....	—	—	504,834
Emblems, badges and medals.....	—	—	41,924
Embossing.....	—	—	331,885
Embroideries and laces.....	—	—	1,642,094
Embroidery, custom.....	—	—	209,577
Enamel frit.....	—	—	4,248,607
Enamels, synthetic type.....	Imp. gal.	1,444,128	1,982,911
Enamels, oil type.....	"	789,706	4,900
Enamel, not specified.....	—	—	*
Engines, auto.....	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

† See footnote on last page.

Alphabetical List of Products Manufactured in Canada, 1943—Con.

Items	Unit of Measure	Quantity	Value
			\$
Engines, auto, parts.....	—	—	*
Engines, gasoline.....	—	—	3,906,573
Engines, steam.....	—	—	22,624,699
Engines, diesel and other, not specified.....	—	—	3,364,384
Engine and turbine parts.....	—	—	3,683,093
Engraving (trade work).....	—	—	270,822
Ensilage cutters.....	—	—	*
Envelopes, made.....	M	2,359,530	4,354,797
Envelopes, printed.....	—	—	2,896,761
Ethyl acetate.....	—	—	*
Ethyl benzene.....	—	—	*
Evaporators, commercial.....	no.	2,460	148,721
Eveners.....	—	—	*
Excelsior, paper.....	—	—	43,589
Excelsior, wood.....	ton	5,676	173,964
Excelsior pads, wrappers, etc.....	—	—	199,776
Explosives.....	—	—	42,894,156
Extracts, flavouring (bakers, confectioners, etc.).....	—	—	3,122,895
Extracts, flavouring, concentrates, etc. (used for soft drinks).....	—	—	4,858,468
Fabrics, coated and impregnated, not elsewhere specified.....	—	—	4,674,269
Fabrics, rubberized and waterproofed.....	—	—	3,270,393
Fabrics, not specified.....	—	—	426,470
Facial tissues (see "tissue, cleansing").....	—	—	206,958
Facing and parting, foundry.....	—	—	*
Fanning mills.....	—	—	251,876
Fans, electric.....	no.	7,529	2,355,958
Fasteners, zipper.....	—	—	485,856
Fasteners, other.....	—	—	16,284
Fats, n.s.....	—	—	225,194
Feathers, millinery.....	—	—	50,786,495
Feed, chopped grain.....	ton	1,493,337	519,147
Felt, coated and saturated (fabric).....	—	—	951,488
Felt, cotton, hair and jute.....	—	—	330,231
Felt, harness and athletic.....	lb.	545,835	2,922,356
Felt, for pulp and paper making.....	"	1,865,450	465,312
Felt, padding.....	—	—	131,250
Felt, paper (see "paper").....	lb.	255,368	361,856
Felt, insole.....	yd.	476,551	680,632
Felt, shoe.....	—	—	376,555
Felt, not specified.....	—	—	28,223
Fences, electrical and equipment.....	—	—	1,519,028
Fences, not specified.....	—	—	45,378
Fencing, wire.....	—	—	258,563
Fencing, chain link.....	—	—	24,832,066
Fencing, snow.....	—	—	*
Ferro-alloys, (ferro-silicon, ferro-chrome, ferro-manganese, silicon spiegel, spiegelisen, etc.).....	—	—	15,041,981
Ferro-phosphorus.....	ton	507,908	54,441
Fertilizers.....	no.	686	542,586
Fertilizer sowers.....	—	—	56,478
Fibre board.....	—	—	*
Fibre products, n.s.....	—	—	1,051,871
Files and rasps.....	—	—	*
Filing system supplies.....	—	—	*
Fillers, non-metallic minerals.....	—	—	208,214
Fillers and flats, egg-case.....	—	—	958,751
Fillings, pie and cake.....	—	—	*
Film, cellulose.....	—	—	*
Films, motion picture.....	—	—	*
Films, photographers'.....	—	—	*
Filters, filter presses, discs, etc.....	—	—	311,858
Fire clay.....	ton	5,653	42,122
Fire extinguishers.....	—	—	1,375,950
Fire fighting and fire protection equipment, not elsewhere specified.....	—	—	1,808,214
Fireplace furnishings.....	—	—	98,439
Fireworks (see "pyrotechnics").....	—	—	43,313,197
Fish, canned and otherwise prepared in factories.....	—	—	21,491,772
Fish, fresh, marketed for consumption, sold in factories.....	—	—	*
Fishing nets.....	—	—	460,763
Fishing tackle.....	—	—	6,931,927
Fittings, ship.....	—	—	135,490
Fixtures, lighting, exterior.....	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1943—Con.

Items	Unit of Measure	Quantity	Value
			\$
Fixtures, lighting, interior.....	—	—	3,294,577
Fixtures, lighting, not specified.....	—	—	690,286
Flags and bunting.....	—	—	643,773
Flashlights.....	—	—	*
Flatware, electro-silver plated and sterling.....	—	—	1,552,564
Flax fibre.....	lb.	3,668,027	1,528,914
Flax seed.....	—	10,524,271	493,183
Floor covering, including oilcloths, etc.....	—	—	*
Flooring, hardwood.....	M ft. b.m.	36,508	3,343,155
Floor tile and joists, steel.....	—	—	*
Flotation machines (mining and metallurgical).....	—	—	*
Flour, barley (see "flour and meal").....	—	—	—
Flour, buckwheat.....	lb.	1,295,494	46,458
Flour, corn.....	"	5,975,934	210,555
Flour, potato (see "starch and flour").....	—	—	—
Flour preparations for sausage fillings.....	"	3,855,443	243,688
Flour, prepared, and self-raising.....	"	22,861,536	1,999,161
Flour, soya bean.....	"	3,980,551	380,007
Flour, wheat—	—	—	—
Spring, No. 1 patent.....	bbl.	7,599,565	36,913,894
Spring, No. 2 patent.....	"	6,386,448	28,795,682
Spring, straight.....	"	7,557,728	34,883,496
Ontario winter, straight.....	"	1,104,197	6,301,167
Feed flour.....	"	168,263	539,536
Low grade flour.....	"	324,931	1,169,410
All other.....	"	852,137	3,765,686
Flour, graham or whole wheat.....	lb.	47,158,062	939,896
Flour and meal, barley.....	"	40,403,936	737,570
Flour, rice.....	"	6,585,467	118,822
Flour and meal, rye.....	"	12,035,608	252,729
Flowers, artificial.....	—	—	864,202
Fly pads and paper.....	—	—	262,716
Foil of tin, lead and aluminium.....	—	—	*
Folding, (trade work).....	—	—	66,202
Food drinks, (powdered).....	lb.	2,321,364	1,043,606
Food drinks, (liquid).....	gal.	3,767,394	1,934,344
Food, fox, dog, etc.—	—	—	—
Fox biscuits.....	ton	1,916	188,795
Other fox food.....	"	6,152	577,345
Dog biscuits.....	"	2,151	296,219
Other dog food.....	"	1,900	244,137
Canned dog food.....	"	998	352,838
Rabbit, turtle and other animal food.....	ton	1,949	146,899
Canned animal food, other than for dogs.....	—	—	1,500
Feed, stock, etc.....	ton	592,740	27,633,551
Feed, poultry.....	"	339,176	17,840,991
Feed, poultry, stock, etc., ingredients.....	—	—	347,204
Food, infant and dietetic.....	lb.	3,783,304	976,128
Food, infants', canned.....	"	7,090,837	1,452,740
Food products, not specified.....	—	—	87,415
Foots, vegetable oil.....	—	—	*
Footwear, leather—	—	—	—
Felt upper—	—	—	—
Babies'.....	pr.	7,640	9,068
Boys'.....	"	38,570	53,168
Children's and misses'.....	"	74,558	71,833
Men's.....	"	408,201	697,739
Youths'.....	"	3,696	6,522
Women's.....	"	184,171	194,316
Leather or fabric upper—	—	—	—
Babies'.....	"	2,018,497	1,525,719
Boys'.....	"	1,074,386	2,165,823
Children's.....	"	3,170,717	4,046,883
Little gents.....	"	42,659	59,735
Men's.....	"	9,415,538	33,040,360
Youths'.....	"	201,563	347,224
Women's and growing girls'.....	"	12,583,093	29,112,011
Footwear, shoe packs, larrigans, moccasins, etc.—	—	—	—
Babies'.....	pr.	21,952	6,227
Boys'.....	"	26,738	29,584
Children's and misses'.....	"	10,538	7,010
Little gents.....	"	1,393	2,025
Men's.....	"	91,988	159,529

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1943—Con.

Items	Unit of Measure	Quantity	Value
Footwear, shoe packs, larrigans, moccasins, etc.— <i>Concluded</i>			\$
Youths.....	"	720	1,001
Women's and growing girls.....	"	5,638	5,672
Not specified.....	—	—	15,994
Footwear, rubber—			
Knee and hip boots, all rubber.....	pr.	779,536	1,431,168
Lumbermen's boots, all rubber.....	"	1,345,969	1,861,227
Lumbermen's boots, leather tops.....	"	298,239	1,147,530
Rubbers, light and heavy, including Jersey storms.....	"	4,214,883	2,690,792
Overshoes and galoshes, all rubber.....	"	1,264,705	1,482,644
Overshoes and galoshes, fabric upper.....	"	2,000,747	3,984,235
Balmorals, rubber soled, fabric tops.....	"	288,344	178,307
Oxfords, rubber soled, fabric tops.....	"	1,463,578	1,031,716
Balmorals, rubber soled, leather tops.....	"	2,182	5,891
Oxfords, rubber soled, leather tops.....	"	128,398	263,215
Rubber bottoms for leather tops.....	"	48,280	79,869
Not specified.....	"	152,859	340,945
Forgings, including drop, shell, etc.....	no.	631,959	30,920,963
Forks, farm implements.....	"	—	470,982
Formaldehyde.....	—	—	*
Forms, continuous, printed.....	—	—	2,760,804
Fountains, soda.....	—	—	29,873
Frames, spectacle, cases, etc.....	—	—	*
Fringes, cords and tassels.....	—	—	536,829
Fruit drinks.....	—	—	122,832
Fruit juices, canned.....	lb.	10,032,489	779,942
Fruit concentrate (see "Apple and grape concentrate")	—	—	226,176
Fruit juices, other.....	—	—	474,208
Fruit peel, candied.....	lb.	2,377,666	21,682
Fruit pulp.....	"	519,115	—
Fruits, canned—			
Apples, including crab apples.....	lb.	6,453,168	413,128
Apricots.....	"	947,081	152,223
Blackberries.....	"	192,189	19,156
Blueberries.....	"	3,540,090	540,319
Cherries.....	"	2,005,451	265,941
Grapefruit.....	—	—	*
Loganberries.....	—	—	*
Peaches.....	lb.	6,048,619	587,323
Pears.....	"	13,969,632	1,334,709
Plums.....	"	5,772,154	437,903
Raspberries.....	"	477,254	85,050
Rhubarb.....	"	1,335,908	78,277
Strawberries.....	lb.	267,397	41,950
Other fruits, not specified.....	—	—	23,743
Fruits, evaporated, other than apples.....	—	—	*
Fruits, fountain.....	lb.	1,886,984	578,844
Fruits, glacés.....	"	2,935,404	852,692
Fruits, frozen or cold pack, for re-processing.....	"	15,472,622	1,571,107
Fruits, straight frozen, not for re-processing.....	"	2,938,872	503,964
Fuel, hog.....	—	—	112,341
Funnels, sheet metal.....	—	—	121,110
Fur dressing and dyeing.....	—	—	2,949,771
Fur trimming, remodelling, etc.....	—	—	4,869,078
Furnaces, electrometallurgical.....	—	—	619,293
Furnaces, hot air.....	no.	23,495	2,056,757
Furnaces, not specified and furnace parts.....	—	—	488,639
Furniture—			
Bedroom.....	—	—	10,271,356
Breakfast room.....	—	—	1,805,881
Dining room.....	—	—	2,735,592
Kitchen.....	—	—	1,505,905
Living room.....	—	—	11,196,350
Other household.....	—	—	2,795,248
Office, steel.....	—	—	1,369,826
Office and store furniture and fixtures.....	—	—	3,920,493
Other steel.....	—	—	425,083
Children's.....	—	—	913,683
School, lodge, church and theatre.....	—	—	1,032,025
Camp, lawn and verandah.....	—	—	394,616
Wicker, fibre, reed and rattan, not specified.....	—	—	41,000
Furniture, not specified, and other cabinet work.....	—	—	2,120,728
Furniture frames and parts.....	—	—	1,344,072
Fuses and fuse wire.....	—	—	1,344,379

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1943—Con.

Items	Unit of Measure	Quantity	Value
			\$
Gaiters, spats and leggings.....	—	—	83,265
Galvanized ware.....	—	—	703,935
Games, not specified.....	—	—	1,020,400
Garage equipment, n.e.s.....	—	—	78,274
Gas, made—			
Retort coal gas.....	M. cu. ft.	5,069,024	—
Coke oven gas.....	"	44,137,447	—
Producer gas.....	"	20,354,129	—
Water gas.....	"	5,070,328	—
Not specified.....	"	100,418	—
Gas sold.....	"	20,403,544	18,609,364
Gas used in heating ovens, retorts or gas plants.....	"	29,317,493	3,560,416
Gas used in associated metallurgical work.....	"	23,173,827	1,879,389
Gas, otherwise accounted for, but not sold.....	"	12,903	55,864
Gas, not accounted for.....	"	1,568,311	877,345
Gas, still, from petroleum refineries.....	"	9,851,103	3,493,246
Gas, chlorine.....	—	—	*
Gas, oil.....	—	—	640,490
Gasoline.....	Imp. gal.	869,288,237	110,043,999
Gas masks and equipment.....	—	—	1,784,741
Gates, wire.....	—	—	92,112
Gauges, not specified.....	—	—	3,597,220
Gears, industrial.....	—	—	733,657
Gears, wagon.....	—	—	108,778
Generators—			
Alternating current.....	no.	7,281	5,000,849
Direct current.....	"	3,381	2,345,131
Generators, engine driven.....	—	—	*
Generators, other and parts.....	—	—	613,698
Glass, bent.....	—	—	29,135
Glass, bevelled, and polished edge.....	—	—	289,418
Glass, chipped or etched.....	—	—	45,711
Glass, cut.....	—	—	401,279
Glass, fibre.....	—	—	*
Glass, leaded, including memorial windows.....	—	—	88,297
Glass, non-shatterable.....	—	—	1,680,249
Glass, pressed, and blown.....	—	—	17,167,808
Glass vials and chemical glassware.....	—	—	364,459
Glass products, other, including windshield glass.....	—	—	3,075,129
Gloves and mittens—			
Dress, knitted.....	doz. pr.	292,527	1,914,203
Dress, other.....	"	249,371	1,540,084
Work, knitted.....	"	52,232	166,375
Work, other.....	"	630,341	1,197,808
Knitted, not specified.....	"	1,602	5,267
Gloves and mittens, leather, dress—			
Men's, lined.....	"	88,628	1,216,245
Men's, unlined.....	"	39,567	638,248
Women's and children's, lined.....	"	31,444	301,281
Women's and children's, unlined.....	"	101,494	1,548,719
Gloves and mittens, leather, work—			
Men's, lined.....	"	97,198	758,875
Men's, unlined.....	"	465,255	3,364,096
Boys', lined.....	"	61,370	295,247
Boys', unlined.....	"	15,078	57,748
Gloves and mittens, leather, not specified.....	—	—	106,407
Gloves and mittens, fur and fur-lined.....	—	—	4,250
Gloves, rubber and rubberized.....	doz.	65,529	323,387
Glucose or dextrose.....	—	—	*
Glue (bone, hide, fish and vegetable).....	lb.	36,087,143	3,728,717
Glue stock.....	"	33,124,799	307,599
Gluten.....	—	—	—
Glycerine, crude.....	lb.	2,814,790	315,008
Glycerine, refined.....	"	9,245,003	1,485,407
Goggles, sun.....	—	—	*
Gold alloys.....	—	—	1,636,039
Gold, fine.....	—	—	2,200,653
Gold leaf.....	—	—	*
Golf supplies, including golf bags, sticks, heads.....	—	—	42,475
Grains, mixed and re-cleaned.....	ton	3,614	90,358
Grains, sold wet and dry (breweries).....	"	81,212	547,949
Granite, cut (building and ornamental).....	—	—	1,668,449
Granules, roofing.....	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1943—Con.

Items	Unit of Measure	Quantity	Value
			\$
Grape concentrate.....	—	—	*
Grape juice.....	—	—	*
Graphite.....	—	—	84,270
Grate bars and grating.....	—	—	218,877
Grease.....	lb.	32,027,243	2,087,116
Grease, lubricating.....	"	1,103,187	172,642
Grills and hot plates, electric.....	no.	28,469	137,408
Grinding machines.....	—	—	548,438
Grinding balls.....	—	—	1,207,740
Grinding compound.....	—	—	*
Gums, unvulcanized.....	lb.	193,884	79,489
Gymnasium supplies, not specified.....	—	—	123,648
Gypsum blocks.....	—	—	*
Hair, animal, raw.....	lb.	7,936,970	1,353,069
Hair goods.....	—	—	217,449
Hair wavers, curlers, pads, etc.....	—	—	132,411
Halters.....	—	—	100,427
Hammocks.....	doz.	6,303	212,485
Handkerchiefs.....	—	662,317	584,346
Handles, broom and mop.....	no.	11,041,707	254,838
Handles, long, tool and axe.....	"	3,002,974	727,216
Handles, small tool.....	"	11,079,944	326,048
Handles, not specified.....	—	—	110,268
Hangers, garment.....	—	—	214,513
Hardware, automobile.....	—	—	448,321
Hardware, builders'.....	—	—	3,809,587
Hardware, carriage and saddlery.....	—	—	492,759
Hardware, furniture.....	—	—	376,044
Hardware, pole-line.....	—	—	1,102,705
Hardware, not specified.....	—	—	1,763,688
Harness, double.....	set	8,568	387,063
Harness, single.....	"	4,668	129,909
Harness collars.....	no.	122,359	412,617
Harness parts.....	—	—	1,017,995
Harrows.....	no.	11,400	405,798
Harrow parts.....	—	—	19,756
Harvesters.....	—	—	*
Hassocks.....	—	—	191,029
Hat blocks.....	—	—	19,228
Hat boxes (travelling).....	no.	2,099	12,119
Hats, cotton—			
Children's.....	doz.	11,770	36,740
Men's.....	"	14,643	118,496
Women's.....	"	36,111	145,871
Hats, fur felt—			
Men's.....	doz.	110,364	3,808,137
Women's and children's.....	"	57,455	1,828,983
Hats, wool, felt—			
Men's.....	doz.	69,655	977,674
Women's.....	"	235,053	3,395,812
Children's.....	"	17,714	190,018
Hats, velour felt.....	"	1,196	34,175
Hats, linen.....	"	1,709	26,871
Hats, straw—			
Men's.....	doz.	36,171	221,508
Women's.....	"	113,364	2,264,373
Children's.....	"	22,844	119,822
Hats, panama.....	"	2,197	53,012
Hats, silk and crepe, women's and children's.....	"	11,234	220,732
Hats, velvet.....	"	10,337	194,334
Hats, waterproofed.....	"	6,476	63,306
Hats, not specified—			
Women's.....	doz.	12,458	208,135
Children's.....	doz.	3,690	29,898
Infant's headwear.....	"	40,643	87,742
Not specified.....	—	—	16,993
Tams, berets, etc.....	—	—	250,796
Hats, cleaned and reblocked.....	—	—	17,312
Hat bodies.....	doz.	407,447	2,937,260
Hatters' supplies, including hat linings.....	—	—	88,828
Hay forks.....	—	—	*
Hay loaders.....	no.	1,359	131,759

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1943—Con.

Items	Unit of Measure	Quantity	Value \$
Hay rakes, dump.....	no.	2,327	77,084
Hay rakes, other.....	"	393	47,156
Heading, barrel.....	—	—	457,348
Heaters, air, electric.....	no.	18,476	210,726
Heaters, auto and engine.....	—	—	54,637
Heaters, boiler, feed, water.....	—	—	234,436
Heaters, water tank, electric.....	no.	11,535	80,556
Heaters, water tank, gas.....	"	10,219	120,289
Heaters, water tank, cast iron.....	"	20,755	235,457
Heaters, other.....	—	—	24,594
Heaters, electric, unit.....	—	—	1,622,972
Heating and ventilating equipment, not elsewhere specified.....	—	—	2,878,459
Heels, leather and wood.....	pr.	23,868,825	1,923,189
Heel board.....	—	—	*
Heels, rubber, and composition.....	pr.	8,421,926	540,360
Helmets.....	doz.	35,251	364,192
Hexachlorethane.....	—	—	*
Hides, all kinds.....	—	—	7,189,895
Hockey pucks.....	doz.	4,876	4,762
Hockey sticks.....	—	—	165,048
Hoes, hand.....	no.	282,785	136,681
Hoes, horse and power.....	—	—	*
Hoists.....	—	—	416,815
Hollow-ware, sterling silver.....	—	—	331,562
Hollow-ware, and spinings, aluminium, brass and copper.....	—	—	379,360
Hollow-ware, electro silver-plated.....	—	—	873,606
Hollow-ware, iron and steel.....	—	—	39,322
Hollow-ware, other.....	—	—	3,500
Honey butter.....	—	—	*
Hooks, eyes, notions, etc., not elsewhere specified.....	—	—	178,749
Hoops, wooden.....	M	2,778	49,841
Hoops, steel.....	—	—	141,651
Hoops, bands and strips, hot and cold rolled (sold).....	ton	14,262	1,700,705
Horseradish, prepared.....	lb.	176,302	59,417
Horseshoes.....	—	—	*
Hose, fire, unlined, linen.....	—	—	*
Hose, rubber.....	—	—	3,995,139
Hosiery—			
Cotton.....	doz. pr.	1,584,241	3,581,920
Cotton mixtures, chiefly cotton.....	"	841,284	2,027,832
Mercerized.....	"	572,913	2,434,552
Silk and silk mixtures, chiefly silk.....	"	22,818	183,424
Artificial silk mixtures, chiefly artificial silk.....	"	726,257	3,578,320
Artificial silk.....	"	2,349,192	12,871,936
Woollen.....	"	790,346	3,120,671
Woollen mixtures, chiefly woollen.....	"	952,811	3,587,048
Cashmere.....	"	50,520	214,411
Merino and mixtures, chiefly merino.....	"	156,581	579,965
Worsted.....	"	293,302	1,372,212
Other, which cannot be classified.....	"	34,118	148,147
Anklets, sockettes, etc.....	—	—	31,439
Humidifiers and air conditioners.....	—	—	41,667
Hydrants.....	—	—	195,164
Hydrogen.....	cu. ft.	42,933,752	161,775
Hydrogen chloride.....	—	—	*
Hydrogen peroxide.....	—	—	*
Ice, artificial.....	ton	550,707	2,306,556
Ice cream (factory).....	gal.	15,213,593	18,475,628
Ice cream mix.....	"	1,267,797	1,403,742
Ice cream sundries.....	—	—	116,638
Icings and icing paste.....	lb.	388,576	80,116
Ignition coils, etc.....	—	—	333,684
Implements, hand, not specified.....	—	—	131,594
Incense.....	—	—	7,031
Incubators and other poultrymen's supplies.....	—	—	293,767
Infant's wear, not specified.....	—	—	1,064,782
Ingots, brass, bronze, etc. (see "bars and ingots").....	—	—	—
Ingots, steel and alloy—			
Quantity made.....	net ton	2,846,736	—
Quantity sold.....	"	28,059	1,875,779
Ink, printing and lithographing.....	lb.	10,387,743	3,475,671
Ink, writing.....	"	1,555,600	556,627

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1943—Con.

Items	Unit of Measure	Quantity	Value
			\$
Ink, not specified.....	—	—	111,060
Insecticides.....	—	—	2,124,884
Instruments, recording, controlling, etc.....	—	—	54,000,409
Instruments, optical.....	—	—	*
Insulating materials, n.e.s.....	—	—	202,986
Insulators, porcelain and insulator parts.....	—	—	1,031,933
Insulin.....	—	—	*
Iron, pig—			
Quantity made.....	net ton	1,758,269	—
Quantity sold.....	"	387,109	8,328,322
Irons, electric.....	no.	60,561	218,549
Irons, gasoline.....	—	—	1,785,734
Iron work, ornamental and architectural.....	—	—	*
Jacks, auto and other, not specified.....	—	—	*
Jams.....	lb.	65,153,082	7,587,667
Javelle water.....	—	—	984,685
Jellies.....	lb.	5,452,010	664,211
Jersey cloth.....	—	—	1,668,674
Jewellery.....	—	—	6,666,642
Jute, jute paddings and jute yarn.....	—	—	708,371
Kapok.....	—	—	*
Kegs, beer.....	—	—	*
Kegs, fish.....	no.	14,005	22,494
Kegs, nail, etc.....	"	1,402,973	434,995
Kerosene.....	Imp. gal.	29,197,202	3,110,175
Kitchen equipment for hotels, cafeterias, etc.....	—	—	1,482,213
Kitchenware, aluminium.....	—	—	281,558
Kitchenware, other.....	—	—	1,642,350
Knitted fabrics.....	—	—	858,701
Knitted goods, miscellaneous—			
Infants' jackets, booties, etc.....	—	—	878,144
Hoods, caps and tuques.....	—	—	882,926
Knives, machine.....	—	—	429,656
Knives, army and other.....	—	—	201,721
Labels, gummed.....	—	—	*
Labels, fabric.....	—	—	384,669
Laces, shoe, silk and cotton.....	—	—	856,173
Laces, shoe, leather.....	doz. pr.	82,536	26,685
Laces, corset.....	—	—	120,085
Lacquers, cellulose.....	Imp. gal.	1,899,091	4,463,478
Lacrosse sticks.....	—	—	*
Lactose (see "sugar of milk").....	—	—	*
Ladders, step, extension, etc.....	—	—	130,497
Ladders, rope.....	—	—	13,249
Lamps, incandescent, except therapeutic.....	no.	57,072,189	6,838,687
Lamps, table and floor.....	—	—	794,815
Lamp shades and wire frames.....	—	—	636,216
Lamp stands and lamp bases.....	—	—	260,853
Lamps and lanterns, railway, marine, etc.....	—	—	312,040
Lard.....	lb.	89,505,583	12,816,561
Lasts, trees and shoe findings, not elsewhere specified.....	—	—	344,385
Lathes, metal-working.....	—	—	4,761,563
Lath, metal.....	—	—	151,713
Lath, wood.....	M	114,279	555,278
Laundry nets and ribbons.....	—	—	26,430
Lead naphthanate.....	—	—	*
Lead, refined.....	lb.	26,654,132	1,494,821
Lead, red.....	"	3,002,450	229,770
Lead, white, dry.....	"	4,316,925	334,577
Lead, white, in oil.....	"	7,104,415	559,050
Lead, sheet.....	lb.	4,748,857	396,514
Lead products, n.s.....	—	—	1,483,858
Lead for pencils.....	—	—	101,395
Leather—			
Belting.....	lb.	781,664	711,835
Bookbinders'.....	—	—	11,319
Bag, garment, pocket book, trunk, etc.....	sq. ft.	28,003,149	5,651,986
Harness.....	lb.	3,840,360	1,660,263

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1943—Con.

Items	Unit of Measure	Quantity	Value
			\$
Leather— <i>Concluded</i>			
Lace.....	lb.	107,574	95,492
Oil tanned, shoepack.....	"	170,826	38,100
Sole—			
Chrome.....	"	787,429	357,111
Hemlock.....	—	—	*
Oak.....	lb.	34,677,988	14,351,402
Splits and other.....	—	—	103,629
Upholstering.....	sq. ft.	614,947	172,900
Upper leather—			
Calf skins.....	sq. ft.	15,595,129	5,711,016
Cattle and horse hides.....	"	34,097,173	8,729,602
Chrome splits.....	"	11,923,058	1,370,923
Goat skins.....	"	1,340,949	294,999
Patent and enamelled.....	"	2,059,790	546,200
Sheep skins.....	"	3,091,739	434,898
Wax splits.....	"	593,887	97,055
Other leather, not specified.....	—	—	767,597
Leather splits, not specified.....	—	—	241,014
Leather board, n.e.s.....	—	—	16,400
Leather goods, not specified.....	—	—	617,539
Leather, tanned, custom.....	—	—	317,083
Lemon butter.....	lb.	—	3,007
Lenses, optical.....	—	—	1,235,073
Life buoys, jackets, belts, etc.....	—	—	1,096,668
Lighter fluid.....	—	—	140,758
Lighters, cigarette and parts.....	—	—	1,455,163
Lightning arresters, n.e.s.....	—	—	162,041
Lightning rods and supplies.....	—	—	44,723
Lime, grey acetate.....	lb.	10,363,637	238,985
Lime, hydrated.....	ton	242,385	1,236,891
Lime, quick.....	—	795,913	6,106,255
Limestone.....	—	—	63,448
Line material including overhead trolley.....	—	—	242,664
Linings, brake, asbestos.....	ft.	5,984,557	1,785,667
Linings, glove, shoe, etc.....	—	—	451,769
Linings, not specified.....	—	—	181,916
Litharge.....	—	—	*
Lithographing (see "Printing").....	—	—	*
Locomotives, new and tenders.....	—	—	*
Locomotive and car parts.....	—	—	3,929,014
Lubricating and filtration systems.....	—	—	*
Lumber, matched.....	M ft. b.m.	170,489	9,328,907
Lumber, planed.....	"	286,937	13,816,805
Lumber, sawn.....	—	—	152,748,670
Lumber, not specified.....	—	—	360,944
Lye.....	—	—	*
Macaroni and spaghetti, canned.....	lb.	2,308,482	176,034
Macaroni, vermicelli, spaghetti, etc.....	"	62,979,013	3,252,270
Machinery—			
Accounting machines.....	—	—	683,909
Adding and other calculating.....	no.	1,959	219,915
Bakers' mixing.....	—	—	217,348
Bakers', not elsewhere specified.....	—	—	147,399
Boring (metal-working).....	—	—	*
Bottlers'.....	—	—	16,588
Canning and parts.....	—	—	1,229,485
Cheese factory.....	—	—	24,036
Chlorinating.....	—	—	*
Cleaning and pressing.....	—	—	*
Coal handling and coal pulverizing.....	—	—	*
Concrete and cement making.....	—	—	212,497
Dairy.....	—	—	633,014
Elevating and conveying.....	—	—	2,953,098
Flax mill.....	—	—	*
Flour and grist mill, not elsewhere specified.....	—	—	46,933
Grain grinding, cleaning, etc.....	—	—	388,834
Grain elevator.....	—	—	474,809
Harvesting (pick-ups).....	—	—	*
Hoisting, except mine hoists.....	—	—	7,302,819
Kitchen and other household.....	—	—	155,021
Laundry.....	—	—	792,983
Leather-working, not elsewhere specified.....	—	—	239,575

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1943—Con.

Items	Unit of Measure	Quantity	Value
Machinery— <i>Concluded</i>			\$
Logging.....	—	—	*
Lumber and shingle drying.....	—	—	*
Metal-working, not elsewhere specified.....	—	—	321,855
Metering equipment.....	—	—	*
Milking.....	—	—	1,132,644
Milling (metal-working).....	—	—	241,075
Mining and metallurgical and parts, not elsewhere specified.....	—	—	2,149,571
Office, not elsewhere specified.....	—	—	379,760
Packing house.....	—	—	*
Printing.....	—	—	11,432
Pulp and paper.....	—	—	1,952,212
Refrigerating.....	—	—	668,036
Road and excavating.....	—	—	998,162
Rolling mill.....	—	—	*
Rubber mill.....	—	—	500,158
Sawing, band.....	no.	69	64,467
Saw, and planing mill.....	—	—	657,933
Ships' and fittings.....	—	—	16,141,686
Stone-working.....	—	—	5,800
Syrup-making.....	—	—	*
Textile, not elsewhere specified.....	—	—	228,360
Transmission.....	—	—	4,424,682
Vulcanizing.....	—	—	*
Washing machines—			
Electric.....	no.	5,373	336,300
Hand and other, n.s.....	—	—	101,883
Water softening equipment.....	—	—	367,699
Wood-working, n.e.s.....	—	—	86,916
Other, not specified.....	—	—	4,755,988
Machinery parts, not specified.....	—	—	434,757
Mackinaw.....	yd.	393,255	637,203
Magnesia, fused.....	—	—	*
Magnesium carbonate and stearate.....	—	—	*
Malt, made for sale.....	lb.	315,572,000	10,071,020
Malt flour.....	"	2,323,204	165,467
Malt extract and syrup.....	—	—	1,367,946
Malt, coomings and sprouts.....	ton	4,993	117,808
Malt, caramel.....	—	—	*
Manganese naphthanate.....	—	—	*
Mantles, lamp.....	—	—	*
Manure spreaders.....	no.	2,025	244,082
Maple butter.....	—	—	296,119
Maps.....	—	—	54,718
Marble chips and dust.....	—	—	324,319
Marble, cut and polished.....	—	—	46,998
Marine and fishermen's supplies.....	—	—	3,135,733
Marmalades.....	lb.	27,321,504	1,524,061
Match splints.....	—	—	*
Matchers, (wood-working).....	—	—	2,420,973
Matches.....	—	—	*
Mats, and matting, cocoa.....	—	—	3,593
Mats and matting, rubber.....	—	—	7,303,407
Mattresses.....	no.	1,079,373	604,980
Meal, alfalfa.....	ton	22,371	1,114,583
Meal, barley.....	"	30,953	*
Meal, oilcake, coconut.....	—	—	870,321
Meal, corn.....	lb.	27,938,544	3,843
Meal, linseed and flax.....	—	—	2,717,463
Meal, oilcake, linseed.....	ton	68,363	13,625
Meal, pea.....	lb.	202,450	*
Meal, soybean.....	—	—	*
Meats, canned—			
Poultry.....	lb.	303,690	172,148
Meats, other.....	"	38,671,960	10,890,282
Meats, cooked, all kinds.....	"	34,645,400	9,352,481
Meats, cured—			
Bacon and sides.....	lb.	469,884,814	107,029,995
Beef, salted and cured.....	—	—	921,295
Hams.....	"	52,688,263	12,756,508
Pork, salted.....	"	133,493,890	27,652,343
Shoulders.....	"	48,219,982	10,453,265
Other.....	"	36,899,850	8,131,424

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1943—Con.

Items	Unit of Measure	Quantity	Value
			\$
Meats, sold fresh—			
Beef.....	lb.	540,042,224	101,825,856
Fancy meats, not specified.....	"	17,238,636	2,191,270
Mutton and lamb.....	"	37,357,316	8,809,913
Pork.....	"	210,833,415	40,078,874
Veal.....	"	71,960,868	14,527,743
Other.....	"	8,503,153	602,568
Medicinal and pharmaceutical preparations—			
Standard.....	—	—	8,917,215
Specialties registered as patent medicines.....	—	—	11,264,855
Specialties sold with ingredients declared.....	—	—	13,050,601
Vitamins, all kinds.....	—	—	4,562,249
Other.....	—	—	1,848,167
Metal products, not specified.....	—	—	163,775
Meter parts.....	—	—	28,935
Meters, gas.....	—	—	*
Meters, gasoline.....	—	—	*
Meters, water.....	—	—	*
Methylhydrate, crude and refined.....	—	—	627,371
Mica products.....	—	—	146,192
Milk, sold in dairy factories.....	gal.	115,370,989	46,276,080
Milk, buttermilk, sold.....	—	—	561,156
Milk, buttermilk, condensed.....	lb.	203,031	6,791
Milk, condensed.....	"	26,915,149	3,293,196
Milk, condensed, skim.....	"	4,040,610	281,853
Milk, condensed, skim.....	"	178,368,152	14,218,364
Milk, evaporated.....	—	—	243,611
Milk, skim.....	lb.	1,632,374	63,054
Milk, skim, evaporated.....	—	—	139,806
Milk products, not specified.....	—	—	—
Milk drinks (see "Food drinks").....	—	—	—
Military web equipment.....	—	—	7,959,879
Military and navy equipment, not specified.....	—	—	40,360,452
Milling cutters.....	—	—	2,111,015
Mincemeat.....	lb.	5,612,836	592,874
Mine props, wedges, etc.....	—	—	139,775
Mirrors.....	—	—	1,934,216
Molasses.....	lb.	55,059,321	789,222
Monoethylaniline.....	—	—	*
Monuments, lettered only.....	—	—	158,936
Monuments, not specified.....	—	—	2,000
Mops—			
Floor.....	doz.	202,536	720,315
Dust.....	—	—	274,335
Dish.....	"	33,922	32,722
Other, not specified.....	—	—	75,689
Mop sticks and cloths.....	—	—	66,520
Mosquito netting, bars, etc.....	—	—	212,550
Motion pictures (positive films processed).....	ft.	55,857,832	3,376,000
Motors, electric, A.C. and D.C. (except starting motors).....	no.	150,788	10,296,980
Motors, other, and parts.....	—	—	967,734
Moulders, wood-working.....	—	—	25,521
Mouldings.....	—	—	2,564,321
Mounting (trade work).....	—	—	59,106
Mowers, hay.....	no.	5,672	495,496
Mowers, lawn.....	—	—	*
Mucilage.....	lb.	194,530	84,904
Muffs, fur.....	no.	30,386	516,033
Muff beds and cloth muffs.....	—	—	176,183
Munitions (shell sales).....	—	—	989,729,191
Music, printed.....	—	—	39,971
Musical instruments, and parts, not elsewhere specified.....	—	—	214,225
Mustard, dry.....	gal.	1,051,435	1,055,332
Mustard, prepared.....	lb.	344,370	46,213
Mustard compound.....	—	—	—
Nails, and spikes, cut from plate—			
Quantity made.....	keg	21,028	—
Quantity sold.....	"	21,727	168,245
Nails, tacks and brads, wire—			
Quantity made.....	keg	1,471,260	—
Quantity sold.....	"	1,514,218	5,965,727
Nails, horseshoe and other, n.e.s.....	—	—	253,715
Napkins, paper.....	—	—	843,892

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1943—Con.

Items	Unit of Measure	Quantity	Value
			\$
Naphtha V.M. and P. or solvent.....	Imp. gal.	24,992,809	2,896,748
Neckties.....	doz.	910,864	4,139,756
Neckwear, women's.....	"	153,573	813,461
Neckpieces, fur.....	no.	31,747	1,022,983
Needles, knitting machine.....	—	—	*
Needles, knitting and other.....	—	—	207,455
Nickel salts.....	—	—	*
Nickel-silver, not elsewhere specified.....	—	—	*
Night dresses—			
Cotton and flannelette.....	doz.	78,551	656,582
Silk and artificial silk.....	"	99,358	1,616,646
Nightshirts.....	"	8,227	83,697
Nitrogen.....	—	—	54,696
Nitro-glycerine.....	—	—	*
Nitro-guanidine.....	—	—	*
Nitrous oxide.....	—	—	55,931
Non-ferrous alloys, not elsewhere specified.....	—	—	40,500
Novelties, advertising and other, not specified.....	—	—	646,473
Novelties, printed.....	—	—	1,591,397
Nuts, salted, etc.....	—	—	267,742
Oars and paddles.....	—	—	151,994
Oats, rolled.....	ton	50,122	3,643,232
Oatmeal.....	"	12,386	584,912
Offal, not specified.....	"	73,118	2,241,145
Oil burners and parts.....	—	—	383,359
Oilcloth, other than floor.....	—	—	*
Oil, aniline.....	—	—	*
Oil, cocconut, crude and processed.....	lb.	—	347,388
Oil, core.....	—	—	*
Oil, corn, crude.....	—	—	*
Oil, corn, refined.....	—	—	*
Oil, cottonseed, processed.....	lb.	6,222,085	1,038,033
Oil, creosote and other.....	gal.	10,561,133	1,686,006
Oil, engine and tractor distillate.....	Imp. gal.	39,433,111	3,926,571
Oil, fish.....	—	—	*
Oil, fuel, diesel.....	Imp. gal.	113,717,232	6,431,960
Oil, gas and light fuel oil—			
For own use.....	"	47,781	3,111
For sale.....	"	131,731,939	7,986,051
Oil, residual—			
For own use.....	"	83,543,453	3,996,747
For sale.....	"	536,980,450	25,754,878
Oil, fusel.....	"	59,447	29,309
Oil, lard.....	—	—	467,087
Oil, linseed, boiled.....	gal.	1,057,802	813,845
Oil, linseed, raw.....	"	4,400,316	3,139,108
Oil, linseed, special.....	"	3,055,268	2,703,097
Oil, lubricating.....	"	41,407,739	9,627,315
Oil, neatsfoot.....	lb.	435,903	77,106
Oil, oleo.....	"	2,831,546	315,472
Oil, peanut, processed.....	"	316,502	49,974
Oil, soybean.....	—	—	*
Oil, light, n.e.s.....	Imp. gal.	1,920,274	657,975
Oil, stand blown, enamel, etc.....	—	—	431,931
Oil, stove.....	Imp. gal.	27,629,050	1,639,833
Oils, sulphonated, textile oils and other textile chemicals.....	—	—	2,055,322
Oils, other, not specified.....	—	—	2,533,479
Olives, bottled, etc.....	gal.	255,835	1,080,638
Organs, pipe.....	—	—	160,047
Organs, other and parts.....	—	—	188,865
Ornaments, (see "Buckles, clips," etc.).....	—	—	—
Ornaments, n.s.....	—	—	133,049
Ovens, commercial, cooking.....	—	—	253,610
Ovens, industrial.....	—	—	34,465
Overalls—			
Men's.....	doz.	328,535	6,265,635
Children's.....	"	92,885	577,125
Women's and misses.....	"	19,305	431,328
Overall coats, smocks, dusters, etc.....	"	75,458	1,418,632
Not specified.....	"	1,178	24,006
Oxygen.....	cu. ft.	636,281,176	4,811,834

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1943—Con.

Items	Unit of Measure	Quantity	Value
			\$
Packing, asbestos.....	—	—	225,888
Packing, rubber.....	lb.	1,040,652	252,110
Packing, not specified.....	—	—	459,735
Pads, couch.....	no.	17,598	93,791
Pads, electric, heating.....	"	29,928	112,063
Pads, stamp.....	—	—	36,159
Pads, stair.....	—	—	2,439
Pads, sweat.....	doz.	39,753	267,387
Pads and padding, not specified.....	—	—	667,786
Pails, ice cream.....	no.	12,884,572	88,024
Pails, oyster.....	"	—	*
Pails and tubs, wooden.....	—	—	1,117,285
Painting equipment, not specified.....	—	—	825,555
Paint, varnish and enamel removers.....	gal.	93,369	221,551
Paints, mixed, ready for use.....	Imp. gal.	7,852,146	18,776,917
Paints, cold water.....	lb.	13,535,549	1,090,512
Paints, paste.....	lb.	7,133,746	1,208,394
Paints, varnishes and cements, coal tar.....	gal.	370,592	85,602
Paints and enamels, not specified.....	—	—	266,652
Panel boards and cabinets.....	—	—	478,949
Pants, men's—			
Woolen.....	no.	2,202,050	9,949,733
Other.....	"	687,542	1,270,356
Pants and bloomers, boys'—			
Woolen.....	"	841,104	1,267,493
Other.....	"	770,940	873,628
Pants and breeches, working—			
Cotton.....	doz.	297,233	5,103,664
Woolen and mixtures.....	"	85,138	2,599,077
Pants, sport.....	no.	18,920	36,666
Pants, baby, rubber.....	—	—	241,377
Pants, rubberized and oiled.....	—	—	126,904
Paper—			
Adding machine and cash register.....	—	—	113,909
Asbestos.....	—	—	181,510
Blotting, not coated.....	s. ton	855	168,839
Blotting, clay coated and enamelled.....	—	—	*
Blue print and photostat.....	—	—	680,792
Book and writing paper—			
Wood fibre, chief ingredient.....	s. ton	49,904	5,932,519
Cover.....	"	1,830	345,700
Box cover, coloured.....	"	1,960,724	322,886
Writing, basic stock.....	"	60,539	11,533,047
Writing, pads, tablets, etc.....	—	—	1,189,241
Fine paper, not specified.....	s. ton	1,926	303,979
Map, lithograph, woodcut, etc.....	"	1,014	139,330
Building and roofing paper—			
Asphalt saturated rag, asbestos and solka felt shingles....	sq.	864,188	4,202,891
Asphalt saturated rag, asbestos and solka felt sidings....	"	1,880	10,896
Mineral surfaced rag, asbestos and solka felt roofing....	"	1,011,850	2,294,271
Smooth surfaced rag, asbestos and solka felt roll roofing..	sq.	1,096,837	1,590,466
Tar and asphalt saturated rag, asbestos and solka, felts,			
not coated.....	ton	6,880	450,847
Tar and asphalt saturated and coated sheathings and			
felts.....	"	31,723	1,916,428
Paper and felt building and roofing, untreated.....	"	34,429	2,067,036
Other felts and sheathings.....	"	4,799	235,324
Carbon.....	ream	125,601	1,217,997
Cigarette tubes and paper.....	—	—	*
Coated, paper and board, other, n.e.s.....	lb.	23,737,467	2,839,079
Coating paper (basic stock).....	s. ton	6,961	792,464
Corrugated.....	—	—	509,860
Creped or crinkled.....	lb.	1,415,533	265,125
Fabric.....	—	—	*
Foolscap, not elsewhere specified.....	—	—	99,578
Friction or flint glazed.....	—	—	*
Gummed (in sheets).....	—	—	*
Lining, pan, shelf, etc.....	—	—	515,788
Parchment.....	—	—	*
Oiled.....	—	—	64,005
Paper napkins and doilies (see "Napkins" and "Doilies")	—	—	

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1943—Con.

Items	Unit of Measure	Quantity	Value
			\$
Paper— <i>Concluded</i>			
Newsprint paper—			
Hanging paper.....	s. ton	6,789	492,192
In sheets, for printing.....	"	68,437	3,867,522
In rolls, for printing.....	"	2,925,672	147,768,461
Poster paper.....	"	—	*
Side runs for pulping.....	"	35,664	1,409,518
Counter rolls.....	"	—	*
Other.....	"	22,238	1,419,717
Safety paper, for cheques, etc.....	—	—	433,959
Tissue, basic stock.....	s. ton	9,032	2,136,619
Tissue, converted.....	"	1,289	246,146
Toilet, basic stock.....	"	23,244	2,496,416
Toilet, converted.....	case	833,049	3,735,925
Towel and napkin, basic stock.....	s. ton	11,659	1,103,052
Towels, paper (see "Towels").....	—	—	—
Typewriter, not elsewhere specified.....	ream	160,551	94,802
Wall paper.....	—	—	*
Waterproofed, other than waxed, n.e.s.....	—	—	*
Waxed, all kinds.....	lb.	42,505,856	5,609,685
Wrapping paper—			
Manila.....	s. ton	10,829	1,014,769
Kraft, basic stock.....	"	111,308	11,049,725
Sulphite.....	"	11,665	1,741,072
Other wrapping paper.....	—	—	991,856
Paper, miscellaneous, not elsewhere specified, basic stock.....	"	5,091	863,211
Paper, miscellaneous, not elsewhere specified, converted.....	—	—	410,521
Paper goods, including papeteries.....	—	—	1,042,488
Paper board—			
Bristol and index board.....	s. ton	6,311	1,128,128
Building, rigid insulating.....	—	—	4,505,113
Container chips.....	s. ton	6,773	324,014
Corrugating board.....	"	71,009	4,375,485
Liner, jute.....	"	61,092	3,529,708
Liner, kraft.....	"	62,855	4,493,305
Manila, lined.....	"	20,762	1,490,664
Mill wrappers.....	"	45,569	1,889,676
Mounting board.....	—	—	*
Clay coated and enamelled.....	—	—	*
Patent coated.....	s. ton	44,697	4,092,573
Coated, other, not specified.....	—	—	693,227
Sheathings, 009° or over, untreated.....	s. ton	10,435	555,329
Silicated.....	—	—	*
Wallboard and building board, not elsewhere specified.....	—	—	5,032,276
White vat lined.....	s. ton	6,472	384,657
Wholly from waste paper, plain.....	"	45,764	2,395,205
Wholly from waste paper, coloured.....	"	3,979	279,783
Wholly from wood pulp, plain.....	"	42,843	2,756,288
Wholly from wood pulp, coloured.....	"	7,522	527,237
All other board and paper, not specified.....	—	—	1,794,231
Parachute and parachute equipment.....	—	—	4,168,018
Paste, adhesive.....	lb.	5,383,773	381,399
Paste, fish, meat and chicken.....	—	2,953,119	845,079
Paste, flavouring.....	—	—	*
Paste, tooth (see "Dentifrices").....	—	—	—
Patterns and models, foundry and other, wood and metal.....	—	—	1,369,695
Patterns, paper.....	—	—	715,193
Patterns, shoe.....	—	—	11,132
Peanut butter.....	no.	36,214	973,498
Peanuts, roasted and salted (for sale).....	lb.	5,936,492	1,401,692
Peas, split.....	"	4,721,225	317,124
Peavies, cant hooks and pike poles.....	—	—	181,967
Pectin, (see also Apple juice concentrate).....	—	—	51,397
Pencils, ordinary lead.....	doz.	5,269,488	1,027,162
Pencils, checking, etc.....	"	410,844	96,055
Pencils, adjustable lead.....	"	230,220	423,492
Pencils, other, and parts.....	—	—	39,744
Pennants.....	—	—	39,965
Pens, fountain.....	doz.	119,557	2,013,856
Pen parts, pen holders and nibs.....	—	—	182,080
Perchloroethylene.....	—	—	*
Perfumes.....	—	—	1,848,197

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1943—Con.

Items	Unit of Measure	Quantity	Value
			\$
Periodicals, printed by publishers—			
Newspapers, daily—			
Gross revenue from advertising.....	—	—	28,069,391
Subscriptions and sales.....	—	—	17,688,241
Newspapers, weekly and other—			
Gross revenue from advertising.....	—	—	6,309,752
Subscriptions and sales.....	—	—	5,560,722
Magazines and other bound periodicals—			
Gross revenue from advertising.....	—	—	4,594,824
Subscriptions and sales.....	—	—	1,986,822
Phenol.....	—	—	*
Phonograph records.....	—	—	1,698,762
Phosphorus.....	—	—	*
Photo-engraving.....	—	—	3,028,283
Photographic materials, not elsewhere specified (including photo paper).....	—	—	1,688,576
Photography (commercial).....	—	—	193,633
Phthalic anhydride.....	—	—	*
Pianos—			
Grand.....	no.	95	48,352
Upright.....	—	2,727	566,012
Not specified.....	—	—	44,703
Pianos in process of manufacture.....	no.	856	34,870
Piano strings and other parts.....	—	—	36,283
Pickets.....	M	8,287	151,832
Pickles, relishes and sauces.....	gal.	3,065,684	4,277,665
Pictures, framed.....	—	—	502,665
Picture and mirror frames.....	—	—	190,176
Pies, cakes and pastry.....	—	—	44,795,531
Piling, sheet.....	—	—	*
Piling, wood.....	M long ft.	244	46,655
Pillow cases, bureau runners, scarves, etc.....	—	—	931,613
Pillows.....	no.	560,039	650,289
Pins, plain and hair pins.....	—	—	362,434
Pipe and fittings, brass, bronze and copper.....	—	—	65,655
Pipe fittings, cast iron, soil.....	s. ton	14,226	1,130,905
Pipe and fittings, cast iron, other.....	—	37,447	3,389,383
Pipe, lead.....	lb.	5,335,392	477,089
Pipe and fittings, malleable iron.....	s. ton	6,552	2,459,880
Pipe, sewer, clay.....	—	—	1,355,002
Pipe, sewer and culvert, cement.....	—	—	906,589
Pipe, culvert, sheet metal.....	—	—	264,329
Pipe, steel riveted and welded.....	—	—	101,980
Pipe and fittings, steel, n.e.s.....	—	—	12,458,411
Pipe and tubing, copper.....	—	—	3,463,773
Pipes, wooden.....	—	—	699,075
Pipes, wrought iron, and fittings.....	—	—	91,597
Pipes, tobacco.....	doz.	—	*
Pipe (tobacco) cleaners.....	—	—	*
Piston rings, automobile.....	no.	26,682,694	1,730,738
Pistons, automobile and piston pins.....	—	—	*
Pitch.....	ton	107,430	2,093,492
Planers, metal working.....	—	—	*
Planing, custom.....	—	—	1,244,636
Planters, corn.....	—	—	*
Planters, potato and other.....	—	—	*
Plastics, moulded (see "Synthetics").....	—	—	*
Plate and tank work, steel miscellaneous.....	—	—	17,788,655
Plates, sheets and strips, brass, copper, etc.....	lb.	101,126,272	18,702,475
Plates and flats, iron and steel.....	net ton	402,633	28,953,722
Plates, licence, name, etc.....	—	—	295,128
Plates, and spoons, paper.....	—	—	176,659
Platinum, refined, and other platinum products.....	—	—	506,106
Plugs, and parts.....	—	—	1,969,250
Ploughs, snow.....	—	—	293,365
Plugs, wooden.....	—	—	171,580
Plumbers' supplies, not elsewhere specified (brass, copper, etc.).....	—	—	3,055,152
Plumbers' supplies, rubber.....	—	—	390,931
Plywood.....	M sq. ft.	194,576	13,585,381
Poison, gopher and rat.....	—	—	135,847
Poles, wooden and other, n.s.....	—	—	94,269
Polish, furniture.....	—	—	336,093
Polish, metal.....	—	—	189,530
Polish, shoe.....	—	—	1,009,321

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1943—Con.

Items	Unit of Measure	Quantity	Value
Polish, stove.....	—	—	3
Polishes and waxes, floor.....	—	—	112,901
Polishes and dressings, automobile.....	—	—	3,162,594
Polishes and dressings, leather.....	—	—	68,673
Polishes and dressings, not specified.....	—	—	53,367
Polishers, floor, electric and other.....	—	—	105,398
Popcorn.....	—	—	31,015
Post-cards, printed.....	lb.	1,134,185	393,443
Posts, cement.....	—	—	278,833
Posts, wooden.....	—	—	379,051
Posts, steel.....	no.	204,267	43,157
Potassium chlorate and perchlorate.....	—	—	156,044
Potato chips (factory made).....	lb.	2,289,207	755,696
Pot holders.....	—	—	10,059
Pot scourers.....	—	—	*
Pottery, glazed and unglazed.....	—	—	701,144
Pottery from imported clay.....	—	—	75,952
Poultry, canned (see "Meats, canned")	—	—	—
Poultry, sold fresh.....	lb.	20,133,357	6,332,994
Powder, baking.....	—	12,109,963	2,001,871
Powder, buttermilk.....	"	5,619,464	473,914
Powder, cream.....	—	—	*
Powder, custard.....	"	1,737,262	358,408
Powder, egg.....	"	13,686,134	15,881,869
Powder, ice cream.....	"	220,287	60,676
Powder, jelly.....	"	5,268,441	1,492,582
Powder, milk, all kinds.....	"	15,053,213	4,619,186
Powder, malted milk.....	—	—	*
Powder, pudding.....	"	7,656,572	1,887,444
Powder, skim milk.....	"	22,454,987	2,526,281
Powders, edible, not specified.....	"	—	519,852
Powder, bronze and aluminum.....	—	—	*
Powder, sachet.....	—	—	17,772
Powder, talcum and face.....	—	—	2,236,873
Press cloths.....	—	—	28,503
Presses, tennis and badminton racquet.....	—	—	*
Presses, hydraulic, and other power.....	—	—	2,214,083
Printing—	—	—	—
Circular letters.....	—	—	542,961
General, for trade.....	—	—	273,085
Custom printing (paper supplied by customer).....	—	—	794,295
Private and personal.....	—	—	618,673
Bank notes.....	—	—	*
Blue prints and photostats.....	—	—	716,841
Box cover, paper, coloured.....	—	—	58,056
Periodicals printed for publishers.....	—	—	7,094,692
Railway time tables and tariffs.....	—	—	341,487
Other printed matter, menus, statements, programs, etc.....	—	—	4,444,734
Printing and painting on textile fabrics.....	—	—	844,272
Propane.....	—	—	*
Propellers and shafts.....	—	—	*
Publications, subscriptions and sales (see "Printing" and "Periodicals")	—	—	—
Puddings.....	—	—	182,459
Puffs, powder.....	—	—	195,236
Pulleys, wood.....	—	—	65,052
Pulpers and slicers.....	—	—	6,317
Pulp, fruit (see "Fruit pulp")	—	—	—
Pulpstones, artificial.....	—	—	*
Pulpwood.....	cord	510,371	7,277,170
Pulp, wood—	—	—	—
Ground wood—	—	—	—
Quantity made.....	s. ton	2,998,913	—
Quantity sold.....	"	237,850	8,851,932
Soda fibre.....	—	—	*
Sulphate fibre—	—	—	—
Quantity made.....	s. ton	441,421	—
Quantity sold.....	"	229,433	16,141,824
Sulphite fibre, bleached—	—	—	—
Quantity made.....	"	587,538	—
Quantity sold.....	"	536,902	41,797,823
Sulphite fibre, unbleached—	—	—	—
Quantity made.....	"	1,125,033	—
Quantity sold.....	"	624,108	38,026,379

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1943—Con.

Items	Unit of Measure	Quantity	Value
			\$
Pulp, wood— <i>Concluded</i>			
Screenings—			
Quantity made.....	s. ton	85,891	—
Quantity sold.....	"	39,155	679,111
Pulverizers.....	—	—	56,601
Pumps, centrifugal.....	—	—	2,432,600
Pumps, hand.....	—	—	338,468
Pumps, steam.....	—	—	1,745,537
Pumps, other power.....	—	—	698,142
Pumps, pumping systems for country homes.....	—	—	421,418
Pumps, gasoline handling.....	—	—	95,236
Pumps, not specified, and pump parts.....	—	—	983,484
Punching machines.....	—	—	*
Purses, pocket-books and folders.....	—	—	1,341,036
Putty and fillers, n.e.s.....	lb.	8,955,460	389,095
Pyjamas—			
Cotton and flannelette.....	doz.	260,627	3,101,707
Silk, artificial silk and other, n.s.....	"	25,791	496,301
Pyrometers.....	—	—	*
Pyrotechnics and fireworks.....	—	—	10,976,988
Quilted goods.....	—	—	593,107
Racquets, tennis, badminton and squash.....	no.	38,984	75,571
Radar equipment (see "Communication systems")			
Radiators, automobile.....	"	206,228	2,923,169
Radiators, heating, concealed type.....	sq. ft.	388,149	157,933
Radiators, heating, direct type.....	"	6,728,740	2,094,375
Radio sets, tubes and accessories.....	—	—	65,166,237
Radio cabinets and tables.....	—	—	78,715
Radium luminous compound.....	—	—	*
Rail anchors.....	—	—	394,547
Railway angle splice bars.....	net ton	14,554	1,002,902
Railway tie plates.....	"	27,057	1,486,184
Rails, iron or steel—			
Quantity made.....	"	263,920	—
Quantity sold.....	"	261,483	12,309,676
Railway frogs, switches and other track equipment.....	—	—	564,096
Railway car and coach fittings, bearings, etc.....	—	—	441,466
Rakes, hand.....	no.	181,969	88,079
Razor blades.....	—	—	*
Razors, safety, electric, other and parts.....	—	—	*
Reamers.....	—	—	*
Recorders, time.....	—	—	*
Rectifiers for storage battery charging, and parts.....	—	—	*
Reels, wire rope.....	—	—	*
Refractories—			
Cement, high temperature.....	ton	5,724	410,419
Firebrick from domestic clay.....	—	—	449,273
Firebrick from imported clay.....	ton	27,795	878,528
Other.....	—	—	1,332,553
Refrigerators—			
Electric.....	no.	2,137	239,113
Electric, condensing units.....	—	—	475,178
Other.....	—	—	1,829,556
Refrigerator parts, not specified.....	—	—	55,699
Regalia, all kinds.....	—	—	108,996
Registers, cash.....	—	—	*
Registers and grills, air.....	—	—	240,434
Regulators, not specified.....	—	—	*
Remedies, stock and poultry.....	—	—	1,203,870
Remote controls, mechanical.....	—	—	*
Rennet extract.....	—	—	*
Repair gums and fabrics.....	lb.	1,650,133	1,012,741
Repair kits.....	—	—	*
Repair patches, tire and tube.....	no.	5,429,715	664,389
Ribbons.....	—	—	*
Rice, cleaned, etc.....	ton	26,342	3,762,079
Rings, fruit jar, rubber.....	—	—	*
Rings, fruit jar, zinc.....	—	—	*
Robes, carriage and automobile.....	—	—	18,998
Rockwool.....	—	—	1,707,501
Rods and bars, bronze, and aluminium.....	lb.	63,118,639	11,083,553
Rods, copper wire.....	"	116,385,824	14,730,655

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1943—Con.

Items	Unit of Measure	Quantity	Value
			\$
Rods, iron and steel, wire—			
Quantity made.....	net ton	237,252	-
Quantity sold.....	"	90,480	4,419,470
Roll covering, rubber.....	lb.	68,500	93,754
Rollers, land and land packers.....	"	-	*
Rollers, printers.....	lb.	377,820	246,795
Rolls, rubber covered.....	"	-	179,240
Roofing preparations, not elsewhere specified.....	"	-	420,233
Rope—			
Manilla.....	lb.	1,775,350	284,073
Sisal.....	"	15,144,138	2,350,975
Cotton, jute, and hemp.....	"	1,186,960	537,245
All other.....	"	394,316	188,798
Rubber, reclaimed.....	"	-	115,013
Rubber and rubber goods, hard.....	"	-	277,109
Rubber coverings, linings, etc.....	"	-	668,442
Rubber goods, moulded.....	lb.	844,084	190,603
Rubber goods, sanitary, not elsewhere specified.....	lb.	327,176	146,951
Rubber goods, soft and sponge.....	"	-	862,510
Rubber automotive and aeroplane parts.....	"	-	310,177
Rubber goods, not specified.....	lb.	63,689	59,128
Rubber thread.....	"	-	*
Rubber, synthetic.....	no.	30,237	103,198
Rugs, automobile.....	"	-	239,525
Rules, wooden.....	"	-	308,220
Ruling (printing plants).....	"	-	445,535
Rust preventives and removers.....	"	-	
Saddles.....	no.	2,445	59,328
Saddle parts.....	"	-	24,323
Safes, vaults and fittings.....	"	-	991,382
Sails.....	"	-	86,734
Salt.....	ton	687,686	5,188,628
Salt, curing.....	lb.	1,225,903	111,574
Sanders, (wood-working).....	no.	17	13,496
Sandwich relish and spread.....	lb.	2,929,113	686,559
Sanitary ware.....	"	-	3,174,916
Sash, doors and millwork.....	"	-	22,963,962
Sash, steel, brass, etc.....	"	-	734,109
Sash weights.....	"	-	*
Sauces, catsups and relishes (see "Tomato catsup and pickles, sauces, etc.")			
Sauerkraut—			
Canned.....	lb.	567,891	28,679
Other.....	"	1,472,088	79,609
Sausage casings.....	"	-	2,545,089
Sausage, fresh or cured.....	lb.	124,346,102	23,652,487
Sawdust, sold.....	"	-	959,350
Sawing, custom.....	"	-	132,363
Saws, all kinds.....	"	-	2,815,682
Saw parts and saw outfits.....	"	-	326,590
Scales.....	no.	14,924	754,997
Scarves.....	"	-	2,517,502
School supplies, not specified.....	"	-	51,321
Scientific equipment, not specified.....	"	-	3,568,363
Scissors and shears.....	"	-	
Scout cars.....	no.	1,139	1,910,963
Scrap, aluminium.....	"	-	
Scrap, brass, bronze and copper.....	lb.	22,253,309	1,914,049
Scrap, iron and steel.....	ton	43,012	699,629
Scrap, not specified.....	"	-	27,059
Screenings, barley, etc.....	"	-	259,676
Screens, door and window.....	"	-	243,973
Screens, industrial.....	"	-	74,653
Screws and screw machine products.....	"	-	8,868,000
Scufflers.....	no.	4,429	32,738
Scythes.....	"	-	*
Seals, corporation and other.....	"	-	25,303
Searchlights, projectors, etc., n.e.s.....	"	-	422,238
Seasoning, dry and liquid.....	"	-	314,210
Shades, window, shade cloth, and fittings—			
Ordinary shades and blinds.....	"	-	1,127,468
Venetian blinds.....	"	-	904,939
Shade cloth, rollers, etc.....	"	-	558,028

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1943—Con.

Items	Unit of Measure	Quantity	Value
			\$
Shanks, shoe.....	—	—	232,847
Shapers and jointers, wood-working.....	—	—	33,731
Shapers, metal-working.....	—	—	267,722
Sharpeners, pencil.....	—	—	*
Sharpening stones and files.....	—	—	303,913
Shawls.....	—	—	52,916
Shearing machines.....	—	—	146,076
Sheet forms, commercial, etc., printed.....	—	—	14,169,953
Sheets and sheeting, cotton.....	—	—	4,238,988
Sheets and pillow slips, crib.....	—	—	13,000
Sheets, rubber.....	doz.	9,342	186,464
Sheets, crib, rubber.....	"	—	97,896
Sheeting, rubber, all kinds.....	yd.	146,375	77,974
Sheet iron ware, not elsewhere specified.....	—	—	*
Sheet metal building materials, not elsewhere specified.....	—	—	1,259,695
Sheet metal products, not elsewhere specified.....	—	—	218,082
Sheets, aluminium.....	—	—	*
Sheets, corrugated iron.....	—	—	535,724
Sheets, iron and steel.....	—	—	*
Sheets, tin mill, black plate, galvanized, etc.....	—	—	5,305,482
Shields, dress.....	doz.	88,458	195,059
Shims, railroad and other.....	—	—	177,263
Shingle bands.....	—	—	45,536
Shingles, wooden.....	—	—	10,024,337
Shingles, asbestos.....	—	—	*
Shipbuilding and repairs.....	—	—	446,351,387
Shirts, fine—			
Cotton.....	doz.	738,829	10,570,366
Silk and artificial silk.....	"	9,865	222,717
Shirts, work—			
Cotton.....	doz.	506,831	5,077,957
Wool.....	"	56,391	1,000,709
Shirts, not specified.....	"	10,888	189,801
Shirts and blouses, boys.....	"	103,856	749,321
Shock absorbers, automobile.....	—	—	*
Shoddy, mungo and wool extract.....	lb.	10,363,283	2,002,382
Shoe trimmings.....	—	—	104,973
Shoe uppers and tops.....	—	—	159,990
Shoos, box.....	—	—	9,486,627
Shortening—			
Containing animal fat.....	lb.	55,199,054	8,021,131
Containing no animal fat.....	"	43,152,733	6,211,162
Shortening substitute.....	—	—	*
Shorts and middlings.....	ton	481,042	12,169,318
Shovels, hand.....	—	—	22,642
Shovels, power.....	—	—	205,173
Shuttlecocks, badminton.....	—	—	*
Signs, electric.....	—	—	*
Signs, gas, neon and other luminous.....	no.	265	55,766
Signs, brass and other.....	—	—	625,678
Silicon carbide.....	—	—	*
Silicon metal.....	—	—	*
Silico manganese, silico spiegel, spiegelisen, etc. (see "Ferro-alloys")	—	—	*
Silk, broad—			
Silk mixtures.....	—	—	*
Artificial silk, continuous filament.....	yd.	54,698,933	24,230,514
Spun rayon and mixtures.....	"	22,030,660	8,174,346
Other artificial silk and mixtures, continuous filament.....	"	6,082,600	4,229,464
Silk and artificial silk knitted goods, n.e.s.....	—	—	1,838,942
Silos.....	—	—	*
Silver alloys.....	—	—	199,527
Silver, fine.....	—	—	439,662
Silver, sterling, melted, rolled, etc.....	—	—	796,443
Size.....	—	—	560,763
Skates.....	pr.	111,720	96,935
Skewers.....	—	—	*
Skis.....	pr.	139,610	382,541
Ski poles and fittings.....	—	—	311,857
Skins, calf.....	no.	547,538	1,444,159
Skins, sheep.....	"	905,991	1,649,533
Skins, pickled.....	doz.	99,985	730,098
Skins, raw and dressed.....	—	—	2,429,688

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1943—Con.

Items	Unit of Measure	Quantity	Value
			\$
Skips and cages, mining.....	—	—	*
Skirts—			
Cotton.....	no.	295,333	308,787
Artificial silk.....	"	1,255,011	2,425,573
Woollen.....	"	403,441	943,354
Other.....	"	13,748	28,779
Slabs and edgings.....	—	—	2,269,370
Sleeve protectors.....	—	—	5,028
Sleighs.....	no.	2,120	178,713
Sleighs, children's.....	"	48,026	67,784
Slicers, meat and bread.....	—	—	*
Slippers, cloth, carpet, etc.—			
Babies'.....	pr.	94,781	51,479
Boys'.....	"	103,444	69,736
Misses' and children's.....	"	765,333	407,071
Men's.....	"	502,255	645,726
Women's and growing girls'.....	"	3,079,552	2,429,719
Not specified.....	—	—	26,159
Smelter and refinery products.....	—	—	511,213,376
Smocks, women's.....	doz.	16,147	289,556
Smoke breeching.....	—	—	12,769
Smoker's sets.....	—	—	120,270
Smokestacks, steel.....	—	—	90,474
Snaths, scythe.....	—	—	*
Snow removing equipment.....	—	—	*
Snowshoes.....	—	—	*
Soap—			
Household, laundry, and chips.....	lb.	111,617,166	8,997,604
Liquid.....	—	—	750,020
Polishing or scouring.....	lb.	225,260	18,523
Powder.....	"	69,750,626	6,616,469
Soft.....	"	2,146,714	155,541
Textile and mill.....	"	5,111,683	509,207
Toilet.....	"	33,426,181	6,157,333
Shaving, including shaving creams.....	"	1,807,212	1,554,518
Hard, all other.....	"	2,884,892	257,778
Not specified.....	—	—	296,564
Sodium azide.....	—	—	*
Sodium bisulphate (nitre cake).....	—	—	*
Sodium carbonate.....	—	—	*
Sodium chlorate.....	—	—	*
Sodium hydroxide.....	—	—	2,834,932
Sodium hypochlorite.....	—	—	15,021
Sodium metabisulphite.....	—	—	*
Sodium metasilicate.....	—	—	*
Sodium phosphate, di-sodium and tri-sodium.....	—	—	*
Sodium pyrophosphate.....	—	—	*
Sodium silicate.....	—	—	*
Sodium sulphite.....	—	—	*
Sodium sulphate.....	—	—	*
Sodium thiosulphite.....	—	—	*
Solder.....	lb.	8,223,498	1,948,163
Soling, rubber—			
Rubber and composition soles.....	pr.	757,596	179,595
Rubber and composition half-soles.....	"	385,710	78,277
Soling and slabs for heels.....	lb.	374,726	160,458
Soles and heel lifts, not elsewhere specified.....	—	—	935,103
Soles, felt, and other (insoles).....	—	—	223,645
Soup, canned.....	lb.	92,279,552	10,569,930
Soup, dehydrated and soup mixtures.....	—	—	1,818,226
Soya bean products, n.e.s.....	—	—	37,494
Spades and shovels.....	no.	971,466	740,864
Spark plugs.....	"	11,885,346	2,967,288
Spice compound.....	lb.	195,288	35,781
Spices, mixed, whole or ground.....	"	4,911,901	1,537,914
Spiegeleisen.....	—	—	*
Spikes, railway.....	—	—	*
Spikes, other.....	—	—	94,749
Spinnings, metal.....	—	—	*
Spinning and weaving custom.....	—	—	60,000
Spinning wheels.....	no.	1,235	9,672

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1943—Con.

Items	Unit of Measure	Quantity	Value
			\$
Spirits produced during the year but placed in bond for maturing—			
Whiskey, rye type.....	pr. gal.	836,037	379,454
Whiskey, other type.....	"	785,627	365,104
Gin and other spirits.....	"	1,077,386	762,061
Spirits matured, sold (including purchases from other firms)—			
Whiskey, scotch type.....	"	423,769	2,717,681
Whiskey, rye type.....	"	4,324,532	19,683,028
Whiskey, other types.....	"	60,246	151,545
Gin.....	"	801,519	3,494,934
Other spirits.....	"	797,505	1,057,049
Spools, bobbins and shuttles.....	—	—	1,250,255
Spoolwood.....	—	—	894,127
Sport gloves and mitts.....	—	—	129,616
Sporting goods, not specified.....	—	—	197,826
Sprayers, hand.....	no.	811	27,436
Sprayers, power.....	"	230	66,366
Sprayers, not specified.....	—	—	3,960
Springs, automobile.....	—	—	7,609,141
Springs, bed—			
Box.....	no.	92,720	1,209,957
Coil.....	"	—	37,066
Link.....	"	84,363	481,344
Cable.....	"	158,899	866,936
Slat fabric.....	"	23,966	165,151
Springs, upholstering.....	—	—	998,361
Spring assemblies for upholstering.....	—	—	16,192
Springs for cars and locomotives.....	—	—	608,488
Springs, other.....	—	—	4,534,925
Stains.....	Imp. gal.	360,208	622,799
Stampings, metal, not specified.....	—	—	6,844,175
Stamps, rubber.....	—	—	423,825
Stamps, not specified.....	—	—	265,521
Stamps, postage, revenue, etc.....	—	—	*
Staples, wire.....	keg.	45,888	216,157
Starch, corn, edible.....	—	—	*
Starch, corn, laundry.....	—	—	*
Starch and flour, potato.....	ton	2,468	332,102
Stationery goods, not specified.....	—	—	121,169
Statues and art goods.....	—	—	525,584
Staves, barrel.....	—	—	967,124
Steam traps, etc.....	—	—	411,245
Stearine.....	lb.	1,395,743	110,111
Steel shapes erected—			
Bridges.....	ton	2,655	462,683
Buildings.....	"	87,287	14,633,444
Transmission towers.....	"	2,936	494,035
Steel shapes, structural, unfabricated, etc—			
Quantity made.....	ton	146,965	—
Quantity sold.....	"	151,674	8,802,273
Steel shapes, structural, plain material.....	"	55,698	5,534,332
Steel shapes, structural, fabricated.....	—	—	2,321,204
Steel, miscellaneous.....	—	—	1,094,723
Steel wool.....	—	—	*
Stellite.....	—	—	*
Stencils.....	—	—	166,869
Stockinette.....	lb.	1,518,420	1,082,286
Stocking dryers.....	pr.	135,357	26,945
Stokers, mechanical.....	—	—	1,951,699
Stoker parts.....	—	—	606,685
Stone, artificial.....	—	—	170,914
Stools, benches and cabinets.....	—	—	34,396
Store fixtures, not specified.....	—	—	62,727
Stove and furnace pipe.....	—	—	759,979
Stoves—			
Coal and wood.....	no.	211,430	6,089,961
Electric and combination coal and electric.....	"	10,246	629,640
Gas and combination coal and gas.....	"	30,844	1,625,789
Gasoline and oil.....	"	34,754	140,430
Plates, stoves for coffee makers, stove parts, etc.....	—	—	880,116
Straps, leather.....	doz.	269,474	410,424
Straws, soda.....	M	612,954	180,320
Strings, racquet.....	—	—	*
Styrene.....	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1943—Con.

Items	Unit of Measure	Quantity	Value
			\$
Sugar butter	lb.	1,909,723	262,279
Sugar, granulated—			
Beet.....	lb.	127,509,410	—
Cane.....	"	627,247,496	43,422,107
Sugar, brown or yellow.....	"	84,124,579	4,290,186
Sugar, fruit.....	"	2,035,555	126,275
Sugar, grape.....	—	—	*
Sugar, invert.....	lb.	4,396,147	299,215
Sugar, loaf.....	"	9,388,850	695,727
Sugar, maple.....	—	—	*
Sugar of milk.....	lb.	289,930	75,382
Sugar, pulverized or icing.....	"	20,251,130	1,295,945
Suits—			
Boys', woollen.....	no.	295,107	2,288,929
Men's, woollen.....	"	1,171,117	22,939,861
Other, men's and boys'.....	"	50,045	257,993
Women's and misses'—			
Cotton.....	"	90,891	277,768
Silk and artificial silk.....	"	155,863	987,051
Woollen.....	"	252,646	3,583,882
Other, not specified.....	"	53,557	957,707
Children's.....	"	1,261,428	758,084
Knitted, women's and children's.....	"	86,784	278,692
Sulphur.....	—	—	*
Sulphur monochloride.....	—	—	*
Sulphur dioxide, liquid.....	—	—	*
Superheaters.....	—	—	2,207,425
Superphosphate.....	ton	123,680	1,986,143
Surfacing, wood-working.....	no.	40	75,292
Surgical and orthopaedic appliances and surgical dressings—			
Surgical bandages and dressings.....	—	—	1,377,965
Surgical belts.....	—	—	222,027
Surgical stockings, elastic.....	no.	48,650	77,290
Orthopaedic corsets.....	—	—	458,191
Artificial limbs, crutches and parts.....	—	—	143,039
Foot easers, arch supports, etc.....	—	—	81,814
Trusses.....	—	—	205,688
Other surgical supports.....	—	—	160,229
Surgical and orthopaedic appliances and instruments not specified.....	—	—	230,847
Suspenders, supporters and garters.....	—	—	2,056,975
Swathers.....	no.	140	85,178
Sweaters, jackets, etc.....	doz.	816,630	10,953,878
Sweeping compounds.....	—	—	128,100
Swings, baby and other.....	—	—	11,420
Switch gear and protective equipment (except telephone switch-boards).....	—	—	9,935,061
Switches and switch boxes.....	—	—	74,120
Synthetics and plastics.....	—	—	7,184,405
Syringes, fountain, and attachments.....	—	—	75,165
Syrup, corn.....	—	—	*
Syrup and fruit juices, fountain.....	gal.	825,973	1,544,550
Syrup maple (factory made).....	—	—	*
Syrups, table.....	gal.	125,461	154,085
Syrups from cane (not including molasses).....	lb.	9,412,517	376,800
Table cloths and napkins.....	—	—	198,629
Tacks, cut and wire.....	—	—	540,987
Tags and labels, shipping.....	—	—	7,291,800
Tags and tickets, printed.....	—	—	616,333
Tags, not specified.....	—	—	24,027
Tailors' supplies, n.e.s.....	—	—	2,151,879
Tallow.....	lb.	64,503,802	5,505,294
Tankage, animal.....	"	49,444,946	1,049,305
Tanks, steel storage, black, galvanized, etc.....	—	—	2,728,272
Tanks, pressure, other.....	—	—	244,045
Tanks, steel, pneumatic.....	—	—	102,785
Tanks, steel, septic.....	—	—	25,436
Tanks, other, not specified.....	—	—	1,660,119
Tanners bate.....	—	—	64,962
Tape, rubber and friction.....	lb.	1,614,273	614,860
Tape, paper, gummed.....	—	—	1,558,754

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1943—Con.

Items	Unit of Measure	Quantity	Value
			\$
Tape, telegraph.....	—	—	*
Tapes, fabric.....	—	—	1,174,976
Tapestries.....	yd.	1,857,861	996,100
Tapioca, granulated.....	—	—	105,514
Tar, coal and crude.....	Imp. gal.	36,444,810	2,209,352
Tar, refined.....	gal.	3,458,842	428,426
Tar from petroleum refineries.....	—	—	*
Targets, clay.....	lb.	24,999,662	16,807,574
Tea, blended, etc.....	—	—	8,914,785
Telephone materials, not elsewhere specified.....	—	—	13,588
Tenoners and mortisers, wood-working.....	—	—	1,006,221
Tents.....	—	—	*
Thermit.....	—	—	*
Thermometers, all kinds.....	—	—	*
Thickeners, mining and metallurgical.....	—	—	*
Thinners, pyroxylin.....	gal.	1,231,245	1,441,317
Thiokol.....	—	—	*
Thread, cotton.....	—	—	6,307,172
Thread, silk and artificial silk (see also "Yarn and thread").....	—	—	200,469
Threading machines.....	—	—	*
Threshers and reaper-threshers, combined and parts.....	—	—	2,610,831
Ties, wooden.....	—	—	3,529,219
Tile, asphalt and other, n.s.....	—	—	139,784
Tile, drain.....	M	13,001	390,377
Tile, floor (from domestic clay).....	—	—	26,949
Tile, floor and wall (from imported clay).....	—	—	*
Tile, roofing, and hollow blocks.....	—	—	820,362
Timbers, mine.....	—	—	1,229,476
Tin.....	lb.	258,509	168,337
Tinned plate and scrap.....	—	—	7,142,266
Tinsel garlands and ribbons.....	—	—	*
Tinware, japanned or not.....	—	—	309,511
Tire braids, auto.....	—	—	*
Tire fabrics.....	lb.	21,726,110	10,113,893
Tires and tubes—			
Balloon, casings.....	no.	1,484,222	56,142,468
High-pressure, casings.....	"	5,659	141,012
High pressure and balloon inner tubes.....	"	1,249,980	5,198,793
Airplane tubes.....	"	46,246	235,370
Bicycle tubes.....	—	—	*
Airplane tires.....	no.	65,232	2,092,448
Motorcycle tires.....	—	—	*
Bicycle tires.....	no.	409,464	325,398
Industrial.....	"	3,777	66,386
Tires and tiring, baby cab and toy.....	lb.	106,192	14,761
Tires, implement and tractor, pneumatic.....	no.	16,534	364,625
Tires, rubber, not specified.....	"	1,949	9,499
Tires, rubber, not specified.....	"	43,977	211,102
Tires, rebuilt.....	—	—	1,054,628
Tires, railway car.....	—	—	*
Tissues, cleansing.....	no.	7,788	52,476
Toasters, electric.....	—	—	*
Tobacco—			
Chewing, cut and twist.....	lb.	233,881	303,467
Chewing, plug.....	"	2,693,169	3,357,021
Smoking, leaf.....	"	425,562	145,682
Smoking, cut.....	"	23,760,147	34,538,103
Smoking, plug.....	"	622,305	851,497
Smoking, twist.....	—	—	771
Snuff.....	lb.	941,740	1,796,435
Stems and cuttings.....	—	—	8,882
Tobacco, raw leaf, processed.....	lb.	74,239,405	24,247,496
Tobacco pouches.....	—	—	176,390
Toboggans.....	no.	120,888	207,956
Toilet preparations, not elsewhere specified—			
Brilliantine, oily and liquid.....	—	—	431,411
Compacts and lipsticks.....	—	—	854,649
Creams, solid or liquid, all kinds.....	—	—	2,493,308
Toilet water and lotions.....	—	—	3,151,595
All other.....	—	—	4,361,100
Toiletware, celluloid.....	—	—	*
Toiletware, silver.....	—	—	280,364
Tomato catsup, canned.....	lb.	3,787,444	221,516
Tomato catsup, other.....	"	14,896,838	2,436,541
Tomato juice.....	"	71,044,735	3,570,872

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1943—Con.

Items	Unit of Measure	Quantity	Value
			\$
Tomato paste and puree.....	"	4,494,471	356,587
Tomato pulp.....	"	4,385,723	161,803
Tools, carpenters' and mechanics' other than files.....	—	—	2,430,238
Tools, machine, not elsewhere specified.....	—	—	3,702,229
Tools, small cutting.....	—	—	5,583,964
Tools, threading.....	—	—	*
Tools, not elsewhere specified.....	—	—	13,921,620
Toothpicks.....	—	—	*
Toppings, for ice cream.....	gal.	85,904	189,392
Tow, green.....	lb.	13,886,784	1,461,517
Towels and towelling—			
Bath mats and bath sets.....	—	—	250,168
Towelling.....	yd.	4,268,280	750,826
Towels, all kinds.....	doz.	1,037,338	2,490,017
Face cloths.....	—	548,398	327,282
Towels, sanitary, all kinds.....	—	—	3,287,105
Towels, paper.....	case	409,746	1,107,191
Toys—			
Wooden.....	—	—	1,462,464
Miscellaneous, not specified including model aeroplanes.....	—	—	1,059,491
Trade work, n.e.s. (printing plant).....	—	—	1,516,275
Transfers, paper, decalcomania.....	—	—	635,668
Transfers, paper, dry.....	—	—	81,274
Transformers.....	—	—	8,050,105
Transformer parts.....	—	—	388,325
Transmission towers, electric (see "Steel shapes")	—	—	—
Traps and fittings, lead.....	lb.	848,607	152,498
Traps, animal (including mouse and rat).....	—	—	*
Traps, not specified.....	—	—	22,119
Trays, display, and other.....	—	—	*
Trichlorethylene.....	—	—	470,325
Trimmings, not specified.....	—	—	78,351
Trophies.....	—	—	764,792
Trucks, factory, and other hand trucks.....	—	—	648,011
Trunks, all kinds.....	no.	115,742	*
Trussers.....	—	—	*
Tubes, collapsible.....	—	—	3,998,030
Tubes, vacuum, X-ray tubes.....	no.	361,632	3,208,552
Tubing, brass, bronze, and aluminium.....	—	—	185,429
Tubing, rubber.....	lb.	213,225	4,374,550
Tubing, steel.....	ton	25,065	426,577
Tubing and twisting, knitted.....	lb.	645,877	86,533
Tubs, laundry, cement.....	no.	10,192	2,794,695
Turbines and water wheels.....	—	—	*
Turpentine.....	—	—	—
Twine and cordage—			
Binder twine, all sisal.....	lb.	19,509,317	2,583,274
Binder twine, chiefly sisal.....	"	55,303,917	4,518,779
Twine, all sisal.....	"	123,572	20,579
Twine, all hemp and all flax.....	"	208,381	159,523
Twine, all jute.....	"	4,988,163	1,345,111
Twine and cordage, not specified.....	—	—	2,233,589
Type and type metal.....	lb.	4,624,178	424,352
Typesetting (trade composition).....	—	—	1,285,887
Typewriter ribbons.....	—	—	446,730
Typewriters.....	no.	16,221	1,025,658
Umbrellas.....	doz.	22,622	536,688
Undertakers' supplies, not specified.....	—	—	206,115
Underwear—			
Cotton, combination.....	doz.	280,206	2,362,961
Cotton, separate.....	"	1,200,223	4,215,090
Chiefly cotton, combination.....	"	58,116	619,908
Chiefly cotton, separate.....	"	207,901	1,734,714
Cotton, not specified.....	"	256,245	749,875
Merino, combination.....	"	70,356	1,314,477
Merino, separate.....	"	56,803	604,157
Chiefly merino.....	"	84,653	1,116,289
Artificial silk.....	"	384,572	1,709,492
Chiefly artificial silk.....	"	26,787	175,264
Artificial silk and mixtures, not specified.....	"	416,714	1,604,193

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1943—Con.

Items	Unit of Measure	Quantity	Value
			\$
Underwear— <i>Concluded</i>			
Wool, combination.....	doz.	9,392	266,487
Wool, separate.....	"	24,143	259,336
Chiefly wool, combination.....	"	50,083	808,225
Chiefly wool, separate.....	"	171,058	1,905,436
Not specified.....	"	35,903	699,963
Underslips—			
Artificial silk.....	"	443,202	4,202,650
Artificial silk and mixtures.....	"	129,705	1,432,295
Cotton.....	"	27,089	120,961
Not specified.....	"	4,932	26,270
Uniforms—			
Woolen.....	no.	2,634,432	22,444,324
Cotton, nurses', maids, etc.....	—	—	938,583
Not specified.....	no.	510,532	1,703,969
Universal carriers.....	—	—	36,954,262
Upholstering materials, n.e.s.....	—	—	43,490
Valves, brass and bronze.....	—	—	5,650,459
Valves, iron.....	—	—	2,955,944
Valves, tire.....	—	—	*
Valves, not specified.....	—	—	1,990,528
Varnishes.....	—	—	4,852,572
Vaults, burial, cement and steel.....	—	—	65,221
Vegetables, canned—			
Asparagus.....	lb.	2,869,898	390,120
Beans, baked.....	"	14,422,992	923,692
Beans, green or wax.....	"	24,336,337	1,867,706
Beets.....	"	2,225,853	200,197
Carrots.....	"	4,040,811	258,761
Carrots and peas.....	"	1,950,868	127,403
Corn, cream of, whole grain, etc.....	"	34,090,621	2,675,493
Corn, on the cob.....	—	—	*
Mushrooms.....	—	—	*
Peas.....	lb.	58,197,401	4,271,127
Pumpkin.....	"	11,602,135	544,345
Spinach.....	"	1,169,000	88,732
Tomatoes.....	"	67,957,248	3,581,099
Vegetable dinners.....	"	2,462,514	453,252
Vegetables, mixed.....	"	683,860	50,254
Vegetables, other.....	"	3,192,350	315,177
Vegetables, evaporated and dehydrated.....	"	10,869,327	3,598,415
Vegetables, frozen or cold pack.....	"	3,392,809	404,686
Vegetable juices, canned.....	—	—	*
Vehicles, children's.....	—	—	516,974
Veils and veiling.....	—	—	*
Velvets.....	—	—	*
Veneer.....	M sq. ft.	313,580	6,203,685
Vests, woollen.....	no.	34,659	66,788
Vests, other, not specified.....	"	2,812	8,002
Vinegar (made for sale)—			
Spirit.....	pr. gal.	3,104,054	1,209,673
Cider.....	"	761,808	249,831
Malt.....	"	430,907	191,484
Visors, cap.....	—	—	*
Wagons (see "Carriages and wagons")			
Wall board, gypsum.....	sq. ft.	192,185,192	4,317,946
Wall plaster.....	—	—	520,610
Wardrobes, wall board.....	—	—	*
Washboards.....	no.	214,992	72,519
Washers, leather.....	doz.	2,427,523	143,421
Washers and gaskets, iron, steel, etc.....	—	—	904,038
Washing compounds and powders.....	—	—	384,672
Waste, cotton, wool and jute.....	—	—	3,877,097
Waste, other.....	—	—	330,957
Waste, wood.....	—	—	264,801
Watches.....	—	—	237,152
Watch cases.....	—	—	381,548
Water distilled.....	—	—	14,881
Water, aerated.....	Imp. gal.	58,020,492	36,785,322
Water, mineral, natural.....	—	—	121,714

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1943—Con.

Items	Unit of Measure	Quantity	Value
			\$
Waterproofing of fabrics.....	—	—	419,098
Waterproofing preparations.....	—	—	37,798
Wax and wax compounds, all kinds.....	—	—	1,217,103
Wax, sealing.....	—	—	*
Weatherstrip.....	—	—	205,998
Webbing, elastic and non-elastic.....	—	—	5,312,505
Weeders.....	no.	450	23,013
Weed killer.....	—	—	225,504
Welding apparatus with control equipment and accessories.....	—	—	2,081,884
Welding compounds and fluxes.....	—	—	51,469
Welding rods and welding wires.....	s. ton	13,302	1,512,646
Welting.....	y.d.	12,615,318	648,101
Wheelbarrows and parts.....	—	—	53,591
Wheels, automobile.....	—	—	*
Wheels, railway car.....	—	—	5,248,755
Wheels, not specified.....	—	—	77,574
Whips.....	—	—	20,647
Whiskies (see "Spirits").....	no.	87,305	—
Whisks.....	doz.	82,729	117,613
White, satin.....	—	—	*
Wine, sold during the year.....	gal.	3,500,525	5,548,620
Wine, produced and placed in storage for maturing.....	"	3,449,726	1,331,957
Wine spirits.....	—	—	*
Wiping cloths and rags, washed and sterilized.....	lb.	11,619,844	1,806,343
Wiping cloths and rags, other.....	—	—	927,878
Wire, barbed—			
Quantity made.....	ton	9,801	—
Quantity sold.....	"	9,920	866,090
Wire, cold rolled, flat, all sizes—			
Quantity made.....	"	3,962	—
Quantity sold.....	"	1,349	221,081
Wire, galvanized—			
Quantity made.....	ton	41,681	—
Quantity sold.....	"	17,250	1,991,901
Wire, drawn from rods—			
Quantity made.....	ton	191,210	—
Quantity sold.....	"	52,270	4,480,538
Wire, strand, twisted—			
Quantity made.....	"	892	—
Quantity sold.....	"	935	232,279
Wire and cables, electrical.....	—	—	35,474,819
Wire rope and cable, not specified—			
Quantity made.....	ton	15,888	—
Quantity sold.....	"	15,917	7,351,709
Wire, brass and copper.....	—	—	*
Wire, gold-filled, and alloys.....	—	—	692,872
Wire cloth, brass and bronze.....	sq. ft.	2,760,074	1,832,042
Wire cloth, iron and steel, including screen cloth.....	—	—	1,163,261
Wire mesh, steel, woven, welded, etc.....	—	—	517,790
Wire shapes, hangers, shades, etc.....	—	—	*
Wire goods, not specified.....	—	—	1,453,573
Wiring devices, not elsewhere specified.....	—	—	4,254,720
Wooden products, not specified.....	—	—	1,102,894
Wood flour.....	—	—	34,760
Woodenware, kitchen.....	—	—	126,151
Woodenware, not specified.....	—	—	127,354
Wood preservation.....	—	—	*
Wood turning, not specified.....	—	—	566,025
Woodwork, sanitary.....	—	—	288,009
Wool, raw and unmanufactured.....	—	—	6,170,882
Woollen cloth, woven—			
All wool, woollen.....	y.d.	10,723,676	18,030,694
All wool, worsted.....	"	3,434,219	6,655,062
Woollen and worsted, mixed.....	"	7,181,514	16,263,837
Cotton warp, woollen.....	"	1,598,422	1,346,170
Other woollen and mixtures.....	"	2,829,439	3,838,346
Velours, mohair and plushes.....	—	—	*
Wrappers, bottle.....	—	—	184,076
Wrappers, paper, not specified.....	—	—	1,589,017
Wringers, clothes.....	no.	11,025	53,469

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1943—Conc.

Items	Unit of Measure	Quantity	Value
			\$
Xylenols, high boiling.....	—	—	*
Yarns—			
Cotton, grey.....	lb.	33,564,651	13,475,748
Cotton, bleached and coloured.....	"	8,120,240	4,429,637
Cotton and wool mixtures.....	"	914,381	574,887
Cotton, other.....	"	1,655,302	709,811
Artificial silk, singles.....	"	10,257,882	7,033,965
Silk and artificial silk mixtures.....	"	250,788	429,030
Nylon.....	—	—	*
Spun rayon.....	lb.	1,704,782	1,122,220
Woollen transferred or sold to other plants of firms reporting.....	"	6,164,226	3,296,568
Woollen, sold to other firms.....	"	2,581,076	2,461,028
Woollen, not specified.....	"	65,133	155,909
Worsted, sold to other firms.....	"	7,215,673	10,296,954
Worsted, transferred or sold to other plants of firms reporting.....	"	2,671,266	3,170,072
Not specified.....	—	—	918,743
Yeast, dry.....	lb.	2,425,407	521,208
Yeast, fresh (for sale).....	"	16,388,618	3,231,805
Yeast food, bread improver, etc.....	"	2,953,224	262,261
Yoghourt.....	—	—	6,999
Zinc, refined, zinc alloys, etc.....	—	—	413,314
Zinc chloride.....	—	—	*
Zinc cyanide.....	—	—	*
Zinc naphthanate.....	—	—	*
Zinc stearate.....	—	—	*
Zinc oxide and zinc dust.....	—	—	*
Zinc products, not specified.....	—	—	*
Manufactured food products, packaged only.....	—	—	919,125
Amount received by clothing contractors.....	—	—	5,406,992
All other products, not specified—			
Vegetable products group.....	—	—	1,957,624
Animal products group.....	—	—	6,651,262
Textile products group.....	—	—	964,281
Wood and paper products group.....	—	—	6,314,719
Iron and steel products group.....	—	—	86,559,477
Non-ferrous metal products group.....	—	—	11,737,653
Non-metallic mineral products group.....	—	—	8,894,070
Chemicals and chemical products group.....	—	—	8,426,864
Miscellaneous products group.....	—	—	13,438,201
Custom work and repairs—			
Vegetable products group.....	—	—	81,622
Animal products group.....	—	—	383,839
Textile products group.....	—	—	5,900,401
Wood and paper products group.....	—	—	5,465,492
Iron and steel products group.....	—	—	80,508,530
Non-ferrous metal products group.....	—	—	3,402,977
Non-metallic mineral products group.....	—	—	66,256
Miscellaneous products group.....	—	—	2,266,729
Products which were reported by only one or two firms and for which figures cannot be shown separately.....	—	—	239,325,807
Total value of products listed.....	—	—	8,999,100,286
Deductions due to the adjustment for intermediate products and excise taxes.....	—	—	266,239,287
Total.....	—	—	8,732,860,999

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Footnote for page 106 (†) Does not include fabrics dyed or bleached by firms maintaining a dyeing and finishing department of their own.

CANADA

LIST OF PUBLICATIONS, CENSUS OF MANUFACTURES; DOMINION BUREAU OF STATISTICS

Manufactures

- (1) General—General Report on the Manufacturing Industries of Canada with appendix giving Alphabetical List of Products; Geographical Distribution of the Manufacturing Industries of Canada; also Reports for the Provinces and Leading Cities; Quantity of Manufacturing Production in Canada, 1923-29. Weekly Earnings of Male and Female Wage-Earners in the Manufacturing Industries of Canada.
- (2) Manufactures of Vegetable Products—Biennial General Report on Manufactures of Vegetable Products. Annual Bulletins as follows: (*a*) Coffee, Tea, Spices and Miscellaneous Foods; (*b*) Fruit and Vegetable Preparations, including Canning, Evaporating and Preserving, and Pickles, Sauces, Vinegar and Cider; (*c*) Flour and Feed Mill Products; (*d*) Bread and other Bakery Products; (*e*) Biscuits and Confectionery, including Cocoa and Chocolate; (*f*) Macaroni, Vermicelli, etc.; (*g*) Distilled Liquors; (*h*) Breweries; (*i*) Wine; (*j*) Rubber Goods, including Rubber Boots and Shoes; (*k*) Prepared Breakfast Foods; (*l*) Sugar Refineries; (*m*) Tobacco Products; (*n*) Vegetable Oil Mills; (*o*) Canned Foods; (*p*) Ice Cream; (*q*) Pack of Fruits and Vegetables, preliminary; (*r*) Aerated Waters; (*s*) Stock and Poultry Feeds; (*t*) Stocks of Unmanufactured Tobacco on hand, quarterly report; (*u*) Stocks of Canned Fruits and Vegetables, quarterly report.
- (3) Animal Products and their Manufactures—Annual Reports and Bulletins as follows: (*a*) The Dairy Factory Industry; (*b*) Processed Cheese; (*c*) Fish Processing (contained in annual Fisheries Statistics); (*d*) Slaughtering and Meat Packing and Sausage and Sausage Casings; (*e*) Leather Tanneries; (*f*) Leather Belting, Leather Boot and Shoe Findings and Miscellaneous Leather Goods; (*g*) Leather Boots and Shoes; (*h*) Leather Gloves and Mittens; (*i*) Fur Goods, Fur Dressing. Monthly Bulletin on Leather Footwear Production.
- (4) Textiles and Allied Industries—Biennial General Report on the Textile Industries of Canada. Annual Bulletins as follows: (*a*) Cotton Textiles (cloth, yarn, thread and waste); (*b*) Woollen Textiles (cloth, yarn, waste, carpets and woollen goods, n.e.s.); (*c*) Silk and Artificial Silk; (*d*) Men's Factory Clothing incl. Men's Furnishings; (*e*) Women's Factory Clothing; (*f*) Hats and Caps; (*g*) Hosiery and Knitted Goods; (*h*) Oiled and Waterproofed Clothing; (*i*) Cordage, Rope and Twine; (*j*) Corsets; (*k*) Cotton and Jute Bags; (*l*) Dyeing and Finishing of Textiles; (*m*) Awnings, Tents and Sails.
- (5) Manufactures of Forestry Products—Printed Bilingual Reports: (*a*) The Lumber Industry (biennial); (*b*) The Pulp and Paper Industry (biennial); (*c*) Wood-Using Industries (biennial); (*d*) Paper-Using Industries (biennial). Stencilled annual preliminary reports: (*a*) Lumber; (*b*) Pulp and Paper; (*c*) Wood-Using Industries; (*d*) Planing Mills and Sash and Door Factories; (*e*) Hardwood Flooring; (*f*) Furniture; (*g*) Printing Trades (Comprising the following industries: Printing and Publishing; Printing and Bookbinding; Lithographing; Engraving, Stereotyping and Electrotyping; Trade Composition and Blue Printing); (*h*) Paper Boxes and Bags. Stencilled biennial report: Lumber Distribution in Canada and the United States. Stencilled annual bulletins: (*a*) Boxes and Baskets; (*b*) Carriages, Sleighs and Vehicle Supplies; (*c*) Cooperage; (*d*) Coffins and Caskets; (*e*) Boatbuilding; (*f*) Lasts, Trees and Wooden Shoe findings; (*g*) Wood-turning; (*h*) Woodenware; (*i*) Excelsior; (*j*) Beekeepers' and Poultrymen's Supplies; (*k*) Wooden Refrigerators; (*l*) Miscellaneous Wood-Using Industries; (*m*) Roofing Paper; (*n*) Miscellaneous Paper Goods. Mimeographed Monthly Bulletins: (*a*) Asphalt Roofing Production; (*b*) Asphalt Roofing Sales.

- (6) Iron and Steel and their Products—Biennial Report. Annual Bulletins as follows: Preliminary Summary on the Iron and Steel Industry. (a) Primary Iron and Steel; (b) Iron Castings; (c) Heating and Cooking Apparatus (except boilers and radiators); (d) Boilers, Tanks and Plate work; (e) Farm Implements and Machinery; (f) Machinery; (g) Automobiles; (h) Automobile Parts; (i) Bicycles; (j) Railway Rolling Stock; (k) Wire and Wire Goods; (l) Sheet Metal Products; (m) Hardware, Tools and Cutlery; (n) Bridge Building and Structural Steel Work; (o) Shipbuilding and Ship Repairs; (p) Aircraft; (q) Miscellaneous Iron and Steel Products. Commodity Bulletins on The Production of Pig Iron; Steel; Washing Machines; Cream Separators; Warm Air Furnaces; Galvanized Sheets; Wire Nails; Steel Wire; Wire Fencing; Stoves, etc. Monthly Bulletins: (a) Pig Iron, Steel Ingots and Castings; (b) Steel Ingots; (c) Automobile Statistics*.
- (7) Manufactures of Non-Ferrous Metals—Biennial Report. Annual Bulletins as follows: Preliminary Summary on Manufactures of Non-Ferrous Metals. (a) Aluminium Products; (b) Brass and Copper Products; (c) White Metal Alloys; (d) Jewellery and Silverware; (e) Electrical Apparatus and Supplies; (f) Non-Ferrous Metal Smelting and Refining; (g) Miscellaneous Non-Ferrous Metal Goods. Quarterly Reports on Production and Sales of Radio Sets*, and Sales of Storage Batteries. Commodity Bulletins on the Production of Batteries; Silverware; Vacuum Cleaners; Electric Motors and Generators; Electric Transformers; Incandescent Lamps, etc.
- (8) Manufactures of the Non-Metallic Minerals — Biennial Report. Annual Bulletins as follows: Preliminary Summary on Manufactures of Non-Metallic Minerals. (a) Asbestos Products; (b) Cement and Cement Products; (c) Coke and Gas; (d) Glass Products; (e) Lime; (f) Petroleum Products; (g) Clay Products; (h) Salt; (i) Sand-lime Brick; (j) Stone; (k) Artificial Abrasives; (l) Gypsum and Gypsum Products; (m) Miscellaneous Non-Metallic Mineral Products, including Carbon Electrodes—Mica Products—Non-Metallic Minerals, n.e.s. Also special report on the consumption of Coke in Canada. Monthly bulletins on (a) Coke Statistics; (b) Sales of Manufactured and Natural Gas.
- (9) Chemicals and Allied Products—Biennial Report. Annual Bulletins as follows: Preliminary Summary on Chemicals and Allied Products; (a) Coal Tar Distillation; (b) Acids, Alkalies and Salts; (c) Compressed Gases; (d) Fertilizers; (e) Medicinal and Pharmaceutical Preparations; (f) Paints, Pigments and Varnishes; (g) Soaps, Cleaning Preparations and Washing Compounds; (h) Toilet Preparations; (i) Inks; (j) Adhesives; (k) Polishes and Dressings; (l) Hard Wood Distillation; (m) Miscellaneous Chemical Products, including Boiler Compounds; Plastic Products; Insecticides; Sweeping Compounds, Disinfectants; Matches; Dyes and Colours; Explosives, ammunition and fireworks; Chemical Products, n.e.s. Special Reports on the Fertilizer Trade in Canada. Commodity Bulletins on Sulphuric Acid, Ammonium Sulphate, etc. Special Report—Directory of Chemical Industries in Canada. Special Report on the Consumption of Chemicals in Municipal Waterworks.
- (10) Miscellaneous Manufactures—General Report. Annual Bulletins as follows: (a) Brooms, Brushes and Mops; (b) Musical Instruments (including pianos, organs and phonographs and Musical Instrument Materials and Parts; (c) Buttons; (d) Bed Springs and Mattresses; (e) Sporting Goods.

* Discontinued for duration.

Gov. Doc
Can
S

31-201

CANADA—DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
GENERAL MANUFACTURING BRANCH

GENERAL REVIEW
**The Manufacturing Industries
of Canada, 1944**

SUMMARY REPORT

Published by Authority of the Hon. James A. MacKinnon, M.P.,
Minister of Trade and Commerce



OTTAWA
EDMOND CLOUTIER, C.M.G., B.A., L.Ph.,
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
CONTROLLER OF STATIONERY

1947

KEY
JUL 3 - 1947
UNIVERSITY OF T.

Price 50 cents

CANADA—DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
GENERAL MANUFACTURING BRANCH

The Manufacturing Industries of Canada, 1944

SUMMARY REPORT

Published by Authority of the Hon. James A. MacKinnon, M.P.,
Minister of Trade and Commerce



OTTAWA
EDMOND CLOUTIER, C.M.G., B.A., L.Ph.,
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
CONTROLLER OF STATIONERY

1947

TABLE OF CONTENTS

	PAGE
Part I.—General Analysis of Manufacturing in the Dominion	5
Section 1. <i>Growth of Manufacturing in Canada</i>	7
1. Historical Summary of Statistics of Manufactures for the Dominion, 1917-44.....	7
2. Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-44.....	8
3. Summary Statistics of Manufactures, by Industrial Groups, Significant Years, 1917-44...	10
4. Summary of Statistics of Manufactures, Significant Years, 1917-44.....	13
5. Consumption of Manufactured Products, 1928-44.....	14
Section 2. <i>Value and Volume of Manufactured Products</i>	14
6. Indexes of the Volume of Manufacturing Production, According to Component Material and Purpose Classifications, 1923-44.....	16
7. Indexes of the Volume of Manufacturing Production for the Groups of the Purpose Classification, Significant Years, 1923-44.....	17
Section 3. <i>Production by Industrial Groups and Individual Industries</i>	17
Subsection 1. Manufactures Grouped by Chief Component Materials.....	17
8. Percentage Variation in Employment, Salaries and Wages, and Gross Value of Products in the Main Industrial Groups Compared for Significant Years, 1920-44.....	18
9. Statistics of the Numbers, Employees, Salaries and Wages, Power, Fuel, Materials, and Values of Products of Canadian Manufacturing Industries, 1944.....	20
Subsection 2. Manufactures Classified by the Purpose of the Products.....	26
10. Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups, Significant Years, 1922-44 and in Detail for 1944.....	26
11. Quantities and Values of the Principal Commodities Produced by the Manufacturing Industries of Canada, Grouped by Purpose, 1944.....	29
Subsection 3. Manufactures Classified by Origin of the Materials.....	31
12. Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Materials Used, by Main Groups, Significant Years, 1924-44.....	31
Subsection 4. Leading Manufacturing Industries.....	33
13. Principal Statistics of the Forty Leading Industries of Canada, Ranked According to the Gross Value of the Products, 1943.....	34
14. Principal Statistics of the Forty Leading Industries of Canada, Ranked According to the Gross Value of the Products, 1944.....	36
Section 4. <i>Principal Factors in Manufacturing Production</i>	37
Subsection 1. Capital Employed.....	37
15. Percentage Distribution of Capital Employed in the Manufacturing Industries of Canada, by Provinces and Industrial Groups, Significant Years, 1917-43.....	37
16. Forms of Capital Employed in the Manufacturing Industries of Canada, by Provinces and Industrial Groups, 1943, with Totals for Significant Years, 1924-42.....	38
Subsection 2. Employment in Manufactures.....	38
17. Salaried Employees and Wage-Earners in the Manufacturing Industries of Canada, with Volume of Manufacturing Production and Comparative Efficiency of Production, 1931-44.....	39
18. Wage-Earners Employed in the Manufacturing Industries of Canada, by Months and Sex, Significant Years, 1922-44.....	40
19. Wage-Earners in Manufacturing Working Specified Numbers of Hours per Week in the Month of Highest Employment, 1938-44.....	41
20. Wage-Earners Working Specified Weekly Hours in the Month of Highest Employment, by Sex, Province and Industrial Group, 1944.....	42
21. Male Wage-Earners in the Forty Leading Industries Working Specified Weekly Hours in the Month of Highest Employment, 1944.....	44
22. Female Wage-Earners in the Forty Leading Industries Working Specified Weekly Hours in the Month of Highest Employment, 1944.....	45
Subsection 3. Salaries and Wages in Canadian Manufacturing Industries.....	46
23. Salaries and Wages Paid in the Manufacturing Industries of Canada, by Provinces and Industrial Groups, 1944, with Totals for Significant Years, 1917-43.....	46
24. Salaries and Wages Paid in the Forty Leading Industries, 1944, with Comparative Figures of Average Salaries and Wages Paid in 1943.....	48
25. Average Annual, Weekly and Hourly Earnings of the Male and Female Wage-Earners, 1934-44.....	50
26. Average Annual, Weekly and Hourly Earnings of Wage-Earners, Classified by Sex, Province and Industrial Group, 1944.....	51
27. The Forty Leading Industries Employing the Greatest Number of Male Wage-Earners, Ranked According to the Average Annual, Weekly and Hourly Earnings, 1944.....	52
28. The Forty Leading Industries Employing the Greatest Number of Female Wage-Earners, Ranked According to the Average Annual, Weekly and Hourly Earnings, 1944.....	53

TABLE OF CONTENTS—concluded

	PAGE
Part I.—General Analysis of Manufacturing in the Dominion—concluded	
29. Average Yearly Earnings, and Index Numbers of Earnings; Cost of Living and Real Wages of Wage-Earners, in Manufacturing Industries, 1931-44.....	54
30. Percentages of Salaries and Wages Paid to the Total Net Values of Manufacturing Production, 1924-44.....	55
Subsection 4. Size of Manufacturing Establishments.....	55
31. Manufacturing Establishments Grouped According to Gross Values of Products, with Total and Average Values of Products in each Class, for Canada, 1929, 1939, 1943, and 1944.....	56
32. Manufacturing Establishments Classified by Number of Employees, by Provinces, 1944.....	57
33. Establishments and Employees in Canadian Manufactures, Grouped According to the Number of Employees per Establishment, 1929, 1939, 1943 and 1944.....	57
34. Percentage Importance of Establishments, Each Employing 200 or more Persons, in the Twenty-five Leading Industries, 1944.....	58
35. Principal Statistics of the Twenty-Five Leading Industries, Grouped According to Number of Employees per Establishment, 1944.....	58
Subsection 5. Power and Fuel.....	62
36. Power Equipment Installed in the Manufacturing Industries of Canada, 1931-43, with Details by Provinces and Industrial Groups, 1944.....	63
37. Fuel and Electricity Used in the Manufacturing Industries of Canada, 1932-43, with Details by Provinces and Industrial Groups, 1944.....	64
Part II.—Provincial and Local Distribution of Manufacturing Production.....	67
1. Summary Statistics of Manufactures in Each Province, Classified by Industrial Groups, 1944.....	67
2. Concentration of Manufacturing Production in Each Province, 1944.....	70
3. Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Number of Employees per Establishment, 1944.....	70
Section 1. The Manufactures of the Maritime Provinces, 1944.....	72
4. Statistics of the Leading Industries of the Maritime Provinces, 1944.....	72
Section 2. The Manufactures of Quebec, 1944.....	73
5. Statistics of the Leading Industries of the Province of Quebec, 1944.....	74
Section 3. The Manufactures of Ontario, 1944.....	75
6. Statistics of the Leading Industries of the Province of Ontario, 1944.....	75
Section 4. The Manufactures of the Prairie Provinces, 1944.....	76
7. Statistics of the Leading Industries of the Prairie Provinces, 1944.....	77
Section 5. The Manufactures of British Columbia, 1944.....	78
8. Statistics of the Leading Industries of British Columbia, 1944.....	78
Section 6. Manufacturing Industries in Cities and Towns.....	79
9. Cities and Towns with a Gross Manufacturing Production of over \$1,000,000 each, Number of Establishments and Total Gross Production in such Cities and Towns as a Percentage of the Grand Total, by Provinces, 1944.....	79
10. Principal Statistics of the Manufacturing Industries of the Six Leading Manufacturing Cities of Canada, 1933-44.....	80
11. Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1944.....	81
12. Principal Statistics by Counties and Census Divisions, 1944.....	85
Appendix I—	
Principal Statistics of the Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1944.....	89
Appendix II—	
Alphabetical List of Products Manufactured in Canada, 1944.....	101
List of Publications on the Census of Manufactures.....	140

DEPARTMENT OF TRADE AND COMMERCE

Dominion Bureau of Statistics—General Manufactures Branch

OTTAWA, CANADA

Dominion Statistician: HERBERT MARSHALL.

Director, Census of Industry and Merchandising: W. H. LOSEE.

Chief, General Manufactures Branch: A. COHEN.

THE MANUFACTURING INDUSTRIES OF CANADA, 1944

Introduction

This report deals with manufacturing industries in Canada in two main Parts. Part I gives general analyses of manufactures in the Dominion including: the historical development of manufacturing in Canada in so far as statistical data are available; production by industrial groups and individual industries, i.e., a detailed treatment of current production under various groupings and individual industries; general analyses of the principal factors in manufacturing production under such sub-headings as capital, employment, salaries and wages, size of establishment, power and fuel. Part II deals with the provincial and local distribution of manufacturing production.

With regard to the first section of Part I, dealing with historical development, it is impossible to give absolutely comparable statistics over a long period of years. From 1870 to 1915 statistics were collected only in connection with decennial or quinquennial censuses, and there was inevitably some variation in the information collected. The annual Census of Manufactures was instituted in 1917 and, while numerous changes have been made since then in the information collected and the treatment of the data, an effort has been made to carry all major revisions, in so far as possible, back to 1917, so that the figures for the period since then are on a reasonably comparable basis.

The far-reaching influence of the War of 1914-18 was, of course, the outstanding factor in the growth recorded prior to the war now concluded. It was during these years that Canadian manufactures began to develop on a really large scale. Munitions contracts placed by the Imperial Munitions Board of Canada in those years totalled well over \$1,000,000,000 and these did not include such fields of production as shipbuilding and aviation. Shipbuilding construction alone during the War of 1914-18 amounted to \$35,000,000 in 1917, \$75,000,000, in 1918 and \$86,000,000 in 1919. In the same three years, employees in the shipbuilding industry numbered 12,000, 22,000 and 25,000 respectively.

Canada's effort in the Second World War brought manufacturing production to a much higher level than ever before. The output of manufactured products in 1944 amounted to \$9,073,692,519 which represented an increase of 161 p.c. over the pre-war year of 1939, and an increase of 134 p.c. compared with the pre-war maximum attained in 1929. There is little doubt that the diversified development that took place during the war years will have a permanent effect on Canadian manufacturing production in the post-war period. Undoubtedly, the effects of the thorough-going transformation in industrial production will be far-reaching.

The food, textile and chemical industries were the first to feel the effects of the stimulated demands created by the war. With the progress of the war and its increasing demands for vehicles, aircraft and armaments of all kinds, the other groups, especially iron and non-ferrous metals, also experienced a tremendous expansion in production. For manufacturing as a whole there was an increase since 1939 of 161 p.c. in the gross value of production, 162 p.c. in the value added by manufacture, 86 p.c. in the number of persons employed and 175 p.c. in the salaries and wages paid.

The gross output of manufactured products during 1944 which was valued at \$9,073,692,519, represents an increase of \$340,831,520 or 3.9 p.c. as compared with the previous year. This increase in value was not, however, due to an increase in the physical volume of production, but to a rise in the selling value of the products made. The physical volume was actually lower than in 1943 and is reflected in a drop of 18,186 or 1.5 p.c. in the number of persons employed. Salary and wage payments nevertheless continued to rise and increased by \$42,328,986 or 2.1 p.c.

The production of aircraft continued to expand during 1944 with the result that this industry, with 79,572 persons on the payroll, was the greatest employer of labour, having displaced the shipbuilding industry from the premier position. The expanded operations of the industry also required an increase of 10,043 over 1943 in the number of employees. Other industries engaged in war production, however, operated at lower levels during 1944. Chief among these were the miscellaneous iron and its products industry with a drop of 11,604 employees, miscellaneous chemical products 10,991, shipbuilding 8,771, and brass and copper products 4,266. The food-producing industries on the other hand were more active, the slaughtering and meat-packing industry having reported an increase of 5,092 persons, fruit and vegetable preparations 3,474, miscellaneous foods 1,093, etc. The output of the rubber goods industry, which includes the production of synthetic rubber, also expanded as is reflected by an increase of 5,508 in the number of persons employed.

PART I.—GENERAL ANALYSES OF MANUFACTURING IN THE DOMINION

Section 1.—Growth of Manufacturing in Canada

Subsection 1.—Production of Manufactured Products

This section gives a picture of the growth of manufacturing, in general, as shown by comparable principal statistics, i.e., establishments, capital, employees, salaries and wages paid, cost of materials, and values of products. Other useful comparisons are made in Table 4 and figures of consumption are given in Table 5. Tables 6 and 7 show volume comparisons.

1.—Historical Summary of Statistics of Manufactures for the Dominion, 1917-1944

NOTE:—Statistics of manufacturing from 1870 have been published, but between that year and 1917 they are not on a comparable basis to the series given below. They will be found in Table 1 in former editions of this report. Statistics of the non-ferrous metal smelting industries were included in manufactures for the first time in 1925.

Year	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
1917.....	21,845	2,333,991,229	606,523	497,801,844	1,539,678,811	1,281,131,980	2,820,810,791
1918.....	21,777	2,518,197,329	602,179	567,991,171	1,827,631,548	1,399,794,849	3,227,426,397
1919.....	22,083	2,670,559,435	594,066	601,715,668	1,779,056,765	1,442,400,638	3,221,457,403
1920.....	22,532	2,923,667,011	598,893	717,493,876	2,085,271,649	1,621,273,348	3,706,544,997
1921.....	20,848	2,697,858,073	438,555	497,399,761	1,365,292,885	1,123,694,263	2,488,987,148
1922.....	21,016	2,667,493,290	456,256	489,397,230	1,272,651,585	1,103,266,106	2,375,917,691
1923.....	21,080	2,788,051,630	506,203	549,529,631	1,456,595,367	1,206,332,107	2,662,927,474
1924.....	20,709	2,895,317,508	487,610	534,467,675	1,422,573,946	1,075,458,459	2,570,561,931
1925 ²	20,981	3,065,730,916	522,924	569,944,442	1,571,788,252	1,167,936,726	2,816,864,958
1926 ²	21,301	3,208,071,197	559,161	625,682,242	1,712,519,991	1,305,168,549	3,100,604,637
1927 ²	21,501	3,454,825,529	595,052	662,705,332	1,741,128,711	1,427,649,292	3,257,214,876
1928 ²	21,973	3,804,062,566	631,429	721,471,634	1,894,027,188	1,597,887,676	3,582,345,302
1929 ²	22,216	4,004,892,009	666,531	777,291,217	2,029,670,813	1,755,386,937	3,883,446,116
1930 ²	22,618	4,041,030,475	614,696	697,555,378	1,664,787,763	1,522,737,125	3,280,236,603
1931.....	23,083	3,705,701,893	528,640	587,566,990	1,221,911,982	1,252,017,248	2,555,126,448
1932.....	23,102	3,380,475,509	468,833	473,601,716	954,381,097	955,960,724	1,980,471,543
1933.....	23,780	3,279,259,838	468,658	436,247,824	967,788,928	919,671,181	1,954,075,785
1934.....	24,209	3,249,348,864	519,812	503,851,055	1,229,513,621	1,087,301,742	2,393,692,729
1935.....	24,034	3,216,403,127	556,664	559,467,777	1,419,146,217	1,153,485,104	2,653,911,209
1936.....	24,202	3,271,263,531	594,359	612,071,434	1,624,213,996	1,289,592,672	3,002,403,814
1937.....	24,834	3,465,227,831	660,451	721,727,037	2,006,926,787	1,508,924,867	3,625,459,500
1938.....	25,200	3,485,683,018	642,016	705,668,589	1,807,478,028	1,428,286,778	3,337,681,366
1939.....	24,805	3,647,024,449	658,114	737,811,153	1,836,159,375	1,531,051,901	3,474,783,528
1940.....	25,513	4,095,716,836	762,244	920,872,865	2,449,721,903	1,942,471,238	4,529,173,316
1941.....	26,293	4,905,503,966	961,178	1,264,862,643	3,296,547,019	2,605,119,788	6,076,308,124
1942.....	27,862	5,488,785,545	1,152,091	1,682,804,842	4,037,102,725	3,309,973,758	7,553,794,972
1943.....	27,652	6,317,166,727	1,241,068	1,987,292,384	4,690,493,083	3,816,413,541	8,732,860,999
1944.....	28,483	"	1,222,882	2,029,621,370	4,832,333,356	4,015,776,010	9,073,692,519

¹ In accordance with a resolution passed by the Conference of British Commonwealth Statisticians, 1935, the net value of production is now computed by subtracting the cost of fuel and electricity as well as the cost of materials from the gross value of the products. The figures for 1924 and later years have, therefore, been revised in accordance with this resolution. The revision could not be carried farther back as statistics for cost of electricity are not available for years prior to 1924.

² A change in the method of computing the number of wage-earners in the years 1925 to 1930, inclusive, increased the number somewhat over that which the method otherwise used would have given. In 1931, however, the method in force prior to 1925 was re-adopted. The figures for 1931 and later years are, therefore, comparable with those for 1924 and earlier years.

³ Not collected.

2.—Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-44

Province and Year	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
Prince Edward Island—							
1917.....	411	2,008,082	1,556	663,251	3,087,621	1,750,135	4,837,756
1920.....	370	2,328,686	1,287	855,210	4,164,223	2,135,857	6,300,080
1922.....	340	2,446,574	1,086	593,660	2,620,235	1,660,282	4,280,517
1929 ²	263	2,646,354	2,074	727,286	2,862,725	1,466,446	4,408,608
1933.....	249	2,256,207	991	529,684	1,590,834	1,126,826	2,775,787
1937.....	240	2,637,472	1,062	607,547	2,386,091	1,117,298	3,566,991
1939.....	222	2,682,900	1,088	617,945	2,239,117	1,243,979	3,543,681
1940.....	219	2,940,818	1,057	645,800	2,518,233	1,270,233	3,556,544
1941.....	213	3,106,369	1,105	680,883	3,229,433	1,347,990	4,649,476
1942.....	243	3,367,368	1,261	842,061	4,789,315	1,973,540	6,855,344
1943.....	230	3,881,832	1,552	1,298,112	6,432,079	3,021,848	9,577,446
1944.....	241	³	1,786	1,694,763	6,993,510	3,570,835	10,713,644
Nova Scotia—							
1917.....	1,337	124,357,851	25,252	18,838,051	102,415,215	57,565,703	159,980,918
1920.....	1,345	135,679,188	23,425	25,625,089	85,724,785	61,371,243	147,096,02
1922.....	1,092	98,117,897	13,678	11,586,235	37,980,329	27,516,271	65,496,600
1929 ²	1,094	118,951,398	19,986	16,905,885	50,725,562	35,676,421	89,787,548
1933.....	1,277	92,004,624	12,211	9,604,680	25,354,319	19,988,257	47,912,432
1937.....	1,135	94,756,601	18,088	16,727,338	46,964,053	33,146,796	84,393,656
1939.....	1,083	101,954,082	17,627	16,651,685	43,332,195	35,885,563	83,139,572
1940.....	1,155	111,652,959	21,062	21,519,617	62,160,537	46,548,446	113,814,650
1941.....	1,177	124,409,791	24,577	27,527,339	76,779,821	51,318,369	133,873,428
1942.....	1,332	152,668,789	31,318	41,273,942	85,193,680	63,615,890	155,931,264
1943.....	1,278	179,363,703	37,445	55,205,712	96,551,817	84,909,686	188,463,088
1944.....	1,281	³	37,812	59,940,411	103,463,123	93,376,638	204,421,664
New Brunsw- wick—							
1917.....	943	60,300,907	19,710	12,893,014	32,380,621	27,027,725	59,408,346
1920.....	901	101,216,395	19,007	19,266,821	60,812,641	45,803,164	106,615,805
1922.....	846	77,036,627	13,934	11,801,670	38,032,967	25,163,444	63,196,411
1929 ²	803	91,376,948	17,952	15,127,716	39,800,366	26,640,786	68,145,012
1933.....	747	90,148,317	11,336	9,308,100	20,442,421	18,166,713	41,345,622
1937.....	805	89,797,597	15,612	14,563,310	36,983,284	28,770,727	69,479,207
1939.....	803	91,171,323	14,501	13,659,162	35,617,614	27,041,195	66,058,151
1940.....	777	93,108,166	16,859	17,639,789	46,939,404	38,253,475	89,281,008
1941.....	791	97,952,799	19,600	21,718,407	59,234,107	47,296,960	111,433,726
1942.....	867	105,056,835	22,182	26,546,806	64,891,227	53,920,484	123,839,475
1943.....	862	111,287,910	23,225	30,451,181	76,711,513	58,956,676	140,934,879
1944.....	987	³	23,164	32,345,080	83,993,599	62,258,478	152,106,577
Quebec—							
1917.....	7,032	662,012,975	188,043	141,008,616	385,212,984	380,882,409	766,095,393
1920.....	7,530	878,859,638	183,748	202,516,550	553,558,520	499,643,217	1,053,201,737
1922.....	7,190	800,859,558	143,584	139,876,821	333,298,544	346,020,126	679,318,670
1929 ²	6,948	1,246,208,650	206,580	225,226,808	527,270,055	537,796,395	1,108,592,775
1933.....	7,856	1,035,339,591	157,481	134,696,386	292,560,568	288,504,782	604,496,078
1937.....	8,518	1,117,772,721	199,033	216,971,207	562,589,160	445,885,666	1,046,470,796
1939.....	8,373	1,182,538,441	220,321	223,757,767	536,823,039	470,385,279	1,045,757,585
1940.....	8,381	1,345,927,911	252,492	277,639,876	713,132,575	595,552,909	1,357,375,776
1941.....	8,711	1,700,527,405	327,591	393,819,671	961,162,209	815,086,832	1,841,088,523
1942.....	9,342	1,883,353,668	399,017	536,329,170	1,193,445,432	1,059,873,943	2,333,303,012
1943.....	9,372	2,230,620,386	437,247	658,323,620	1,483,627,797	1,280,097,615	2,852,191,853
1944.....	9,656	³	424,115	668,156,053	1,494,253,053	1,350,519,134	2,929,685,183
Ontario—							
1917.....	9,061	1,157,850,643	299,389	258,393,065	794,556,502	662,174,261	1,456,730,763
1920.....	9,113	1,464,097,346	295,674	362,941,317	1,071,843,374	792,267,562	1,864,110,936
1922.....	8,703	1,400,041,955	235,070	265,818,003	674,025,732	572,098,704	1,246,124,436
1929 ²	9,348	1,986,736,556	323,533	406,622,627	1,056,530,202	916,971,816	2,020,492,433
1933.....	9,542	1,587,947,947	224,816	220,530,088	464,544,563	465,103,842	958,776,858
1937.....	9,706	1,674,806,201	321,743	373,018,048	1,025,871,741	804,703,114	1,980,388,188
1939.....	9,824	1,762,571,669	318,871	378,376,209	907,011,461	791,428,569	1,745,674,707
1940.....	10,040	1,988,461,940	372,643	479,399,188	1,236,738,529	1,004,529,583	2,302,014,654
1941.....	10,250	2,336,788,884	468,230	660,722,278	1,683,912,216	1,360,055,756	3,121,756,568
1942.....	10,711	2,632,519,471	542,958	840,783,705	2,056,746,983	1,671,130,814	3,817,396,044
1943.....	10,587	2,994,953,988	570,017	956,399,212	2,278,871,511	1,844,651,587	4,221,101,063
1944.....	10,731	³	564,392	975,038,060	2,310,347,858	1,930,043,913	4,339,797,784

¹ See footnote 1, Table 1.² See footnote 2, Table 1.³ Information not collected.

2.—Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-44

—concluded

Province and Year	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
Manitoba—							
1917.....	732	82,566,858	18,939	16,513,423	69,715,149	42,280,801	111,995,950
1920.....	747	94,424,145	23,728	32,372,081	92,729,271	62,776,912	155,506,183
1922.....	697	65,172,676	13,076	16,853,345	54,373,811	36,842,899	91,216,710
1929 ²	861	121,363,898	24,012	31,224,596	87,832,324	63,925,015	155,266,294
1933.....	1,010	100,074,404	18,871	18,687,430	44,579,998	37,390,275	83,934,777
1937.....	1,043	119,363,026	23,706	27,198,978	87,684,514	49,950,465	140,805,451
1939.....	1,087	119,659,365	23,910	28,444,798	82,408,293	48,810,544	134,293,595
1940.....	1,171	132,978,496	26,679	31,940,562	101,693,250	62,352,698	167,919,165
1941.....	1,184	163,489,471	32,262	40,894,267	132,330,823	74,450,721	211,534,751
1942.....	1,287	175,902,477	37,519	51,605,139	159,248,309	94,856,679	259,554,350
1943.....	1,245	173,752,507	37,003	53,841,825	200,464,756	99,146,670	304,867,912
1944.....	1,290	⁴	40,937	62,758,081	226,234,925	120,339,926	352,334,504
Saskatchewan							
1917.....	560	24,372,585	6,230	5,403,332	22,040,674	13,894,179	35,934,853
1920.....	554	24,640,520	6,709	9,571,175	34,894,105	22,610,861	57,504,966
1922.....	490	22,734,469	3,494	4,734,885	22,366,129	13,186,266	35,552,395
1929 ²	594	43,925,797	7,025	9,105,597	51,003,566	23,002,952	75,368,005
1933.....	673	38,688,433	4,782	4,848,763	19,124,030	11,478,634	31,559,387
1937.....	689	39,279,050	6,107	6,758,154	43,782,999	17,068,655	62,205,884
1939.....	737	37,654,095	6,475	7,346,127	38,782,135	20,283,273	60,650,589
1940.....	814	40,698,082	7,415	8,412,580	48,654,473	25,857,083	76,284,332
1941.....	945	42,158,738	8,546	9,979,974	65,836,308	28,172,441	96,020,975
1942.....	966	45,013,677	9,801	12,543,065	84,208,201	33,933,836	120,256,733
1943.....	976	60,674,093	11,683	16,445,866	111,193,185	37,895,459	152,123,360
1944.....	1,054	⁴	12,361	17,703,103	131,215,017	40,833,333	175,349,234
Alberta—							
1917.....	636	49,146,241	9,461	8,662,417	42,632,212	23,883,673	66,515,885
1920.....	666	48,310,655	10,955	15,210,628	56,139,646	29,812,891	85,952,537
1922.....	556	41,154,178	6,518	8,293,572	30,189,648	18,939,659	49,129,307
1929 ²	736	81,875,952	12,216	14,585,734	62,500,175	36,824,969	100,966,196
1933.....	874	69,604,563	9,753	9,573,468	29,425,975	18,876,929	49,395,514
1937.....	895	70,804,070	12,524	13,903,062	55,898,599	28,923,095	86,225,069
1939.....	961	73,284,225	12,712	14,977,700	53,151,149	32,618,153	87,474,080
1940.....	1,068	78,440,506	14,191	16,824,993	67,429,671	37,747,215	107,313,964
1941.....	1,108	95,676,318	16,761	20,151,705	94,176,887	45,958,219	142,651,493
1942.....	1,115	101,401,133	18,397	23,992,613	117,617,500	57,479,586	178,103,011
1943.....	1,133	111,682,419	20,613	29,494,369	142,057,051	65,796,813	211,159,142
1944.....	1,165	⁴	22,186	33,227,729	172,082,537	77,415,753	252,949,894
British Columbia and Yukon —							
1917.....	1,133	171,375,087	37,943	35,426,675	87,637,833	71,673,094	159,310,917
1920.....	1,306	174,110,438	34,360	49,135,005	125,405,084	104,851,641	230,256,725
1922.....	1,102	159,929,346	25,818	29,839,039	79,764,190	61,838,455	141,602,645
1929 ²	1,569	311,806,456	48,153	57,764,968	141,145,838	113,082,137	260,418,645
1933.....	1,552	263,195,652	28,417	28,469,225	70,166,220	59,034,923	133,879,330
1937.....	1,713	256,011,093	42,576	51,979,393	144,466,346	99,359,051	251,924,258
1939.....	1,710	274,969,502	42,554	53,881,994	136,655,872	103,263,292	247,948,600
1940 ³	1,879	300,841,677	49,768	66,727,184	170,357,991	130,206,263	311,046,478
1941 ³	1,905	340,609,179	62,447	89,256,478	219,755,738	181,232,637	412,957,807
1942 ³	1,990	388,649,300	89,570	148,782,063	270,823,072	272,926,065	558,137,606
1943 ³	1,961	450,360,048	102,221	185,711,773	294,445,005	341,659,478	652,046,313
1944 ³	2,116	⁴	96,062	178,639,118	303,560,016	337,137,197	655,844,689
Yukon and N.W.T.—							
1939.....	5	538,847	55	97,766	138,500	92,054	242,968
1940.....	9	666,281	78	123,276	97,240	152,733	266,745
1941.....	9	785,012	59	111,641	129,477	199,863	341,377
1942.....	9	852,827	68	106,278	139,006	263,471	417,773
1943.....	8	589,841	62	120,714	138,369	237,709	395,943
1944.....	12	⁴	67	118,972	189,718	280,803	489,256

¹ See footnote 1, Table 1.⁴ Information not collected.² See footnote 2, Table 1.³ British Columbia only.

3.—Summary Statistics of Manufactures, by Industrial Groups, Significant Years, 1917-44

Industrial Group and Year	Establishments	Capital	Employees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
Vegetable Products—							
1917.....	4,151	279,627,827	62,777	45,915,557	367,214,061	183,782,501	550,996,562
1920.....	4,549	402,383,047	74,241	77,750,189	536,828,044	239,328,371	776,156,415
1922.....	4,638	379,567,139	64,753	66,228,286	333,295,009	210,835,301	544,130,310
1929 ²	5,350	581,820,861	91,032	95,853,121	431,595,751	341,688,938	783,706,883
1933.....	5,916	522,339,736	75,416	68,535,349	226,879,373	196,820,952	432,315,617
1937.....	5,968	539,531,357	94,258	94,632,901	395,491,147	266,869,693	672,540,163
1939.....	5,872	539,446,225	90,447	104,248,785	356,726,153	292,129,840	659,424,014
1940.....	5,861	586,790,195	103,634	111,915,850	430,120,335	295,582,069	738,632,441
1941.....	5,948	634,728,760	113,753	131,066,093	532,876,217	349,912,287	897,978,448
1942.....	5,985	656,756,413	115,476	145,000,211	552,791,525	396,956,313	965,896,035
1943.....	5,913	684,292,303	117,243	157,733,379	565,042,582	410,340,183	1,062,561,932
1944.....	5,941	^a	130,679	183,943,948	763,606,750	485,551,491	1,270,518,297
Animal Products—							
1917.....	5,486	207,165,245	46,994	35,753,133	320,302,039	124,103,990	444,406,029
1920.....	4,823	221,792,457	48,687	54,291,606	400,496,354	152,995,130	553,491,484
1922.....	5,118	201,829,414	49,595	49,933,679	264,078,631	107,473,382	371,552,013
1929 ²	4,490	243,825,065	67,670	62,081,423	345,351,882	127,929,857	477,761,855
1933.....	4,496	201,993,642	53,111	46,453,188	179,429,948	87,629,444	271,068,210
1937.....	4,435	230,312,163	67,996	64,816,361	326,537,087	118,117,971	449,783,908
1939.....	4,362	250,335,831	69,358	68,231,871	333,647,306	122,821,410	461,983,262
1940.....	4,250	261,794,531	73,666	75,226,038	398,487,114	141,233,679	546,336,264
1941.....	4,240	303,657,373	82,131	90,185,037	534,909,242	165,416,939	708,220,447
1942.....	4,392	322,045,016	87,038	103,620,997	649,160,318	203,152,956	861,190,126
1943.....	4,380	324,811,863	88,037	114,467,581	750,435,541	211,149,715	971,190,128
1944.....	4,388	^a	94,195	129,215,389	835,586,247	246,064,720	1,092,015,647
Textiles and Textile Products—							
1917.....	1,067	191,338,745	76,978	47,764,436	131,225,032	109,904,530	241,129,562
1920.....	1,304	302,758,185	87,730	84,433,609	256,233,300	173,741,035	429,914,335
1922.....	1,089	259,324,870	80,558	69,685,629	151,333,320	142,577,057	293,970,377
1929 ²	1,534	360,762,584	103,881	94,969,433	217,954,088	180,469,064	403,205,809
1933.....	1,740	298,730,436	95,707	72,813,424	143,184,861	131,065,992	279,475,267
1937.....	1,941	322,204,180	121,677	105,056,051	219,813,775	174,076,945	400,383,726
1939.....	1,930	347,248,927	121,022	107,117,035	203,618,197	181,927,898	392,657,759
1940.....	1,958	394,493,058	138,973	133,136,316	298,656,288	240,338,903	547,451,110
1941.....	2,104	439,078,775	156,892	159,339,028	367,149,392	290,105,448	666,438,539
1942.....	2,369	464,161,573	165,478	185,731,313	441,718,052	341,475,081	793,304,750
1943.....	2,384	455,056,029	157,987	191,305,628	446,136,675	334,242,717	790,659,927
1944.....	2,481	^a	153,122	195,805,681	419,988,642	351,186,488	781,771,688
Wood and Paper Products—							
1917.....	7,263	536,320,247	152,277	113,359,997	148,277,935	245,372,487	393,650,422
1920.....	7,681	774,937,232	144,391	172,368,578	309,813,724	417,256,115	727,069,839
1922.....	6,966	761,020,831	118,364	132,092,249	206,860,089	283,006,200	489,866,289
1929 ²	7,392	1,151,463,962	164,572	192,088,948	313,797,201	381,455,477	724,932,308
1933.....	7,891	892,652,622	105,080	102,218,652	134,663,641	184,233,540	341,376,701
1937.....	8,497	927,070,757	147,254	165,298,485	256,269,941	306,961,553	597,061,878
1939.....	8,538	960,804,672	144,782	165,287,455	246,292,820	303,662,441	579,891,183
1940.....	9,276	1,021,849,742	160,868	193,765,559	315,995,317	396,891,501	750,631,337
1941.....	9,420	1,086,022,546	179,967	227,821,739	386,999,813	463,967,834	982,936,114
1942.....	10,222	1,080,457,129	186,106	252,179,776	428,526,286	488,433,355	961,842,906
1943.....	9,974	1,103,984,216	183,865	264,844,792	447,399,954	508,835,982	1,001,563,243
1944.....	10,452	^a	189,674	284,436,559	497,656,158	550,826,986	1,093,725,822
Iron and Its Products—							
1917.....	1,495	695,677,552	161,745	161,875,424	378,193,116	371,792,489	749,985,605
1920.....	1,789	726,371,335	164,087	231,595,911	377,499,134	411,875,057	789,374,191
1922.....	1,083	567,011,222	78,565	95,443,053	171,529,909	170,769,391	342,299,300
1929 ²	1,224	826,063,942	142,772	203,740,658	405,818,468	367,465,582	720,726,338
1933.....	1,334	614,632,403	73,348	72,296,179	98,793,191	109,198,169	216,828,992
1937.....	1,345	651,398,528	127,148	163,261,130	328,091,063	280,165,582	624,819,877
1939.....	1,394	697,893,720	121,041	158,559,728	262,292,781	275,774,796	553,468,880
1940.....	1,433	837,382,032	164,325	242,737,569	454,479,763	429,461,950	906,103,055
1941.....	1,759	1,138,701,669	253,701	408,064,135	715,595,982	735,511,841	1,483,169,765
1942.....	1,931	1,446,215,017	360,845	639,330,901	985,960,237	1,084,424,334	2,112,822,537
1943.....	2,044	1,852,506,052	435,744	833,383,684	1,131,858,008	1,396,768,112	2,575,976,247
1944.....	2,192	^a	411,944	818,452,454	1,104,083,922	1,396,768,112	2,540,992,974

¹ See footnote 1, Table 1.² See footnote 2, Table 1.³ Information not collected.

3.—Summary Statistics of Manufactures, by Industrial Groups, Significant Years, 1917-44—concluded

Industrial Group and Year	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
Non-Ferrous Metal Products—							
1917.....	296	69,421,911	18,220	15,898,890	46,445,469	41,039,351	87,484,820
1920.....	324	109,382,033	23,162	27,895,343	48,434,120	52,847,178	101,281,298
1922.....	325	102,208,275	18,222	21,451,629	30,861,895	39,993,798	70,855,693
1929 ²	408	298,721,106	39,867	54,501,806	124,900,632	150,415,215	283,545,666
1933.....	478	266,266,443	25,273	28,099,026	71,990,608	88,427,984	164,765,604
1937.....	526	306,522,643	44,614	57,722,728	282,532,128	182,968,223	482,440,562
1939.....	526	346,489,890	44,563	59,684,858	242,063,177	155,808,806	416,060,459
1940.....	545	425,766,853	54,317	75,655,811	307,808,225	210,352,784	540,781,367
1941.....	579	545,862,427	73,450	108,895,000	406,132,161	288,823,325	726,348,447
1942.....	596	612,513,064	90,937	146,690,366	505,122,844	355,005,408	901,569,437
1943.....	597	674,802,402	109,522	186,874,396	615,283,895	369,005,912	1,034,390,379
1944.....	635	³	104,314	182,909,292	549,317,062	399,498,519	992,345,975
Non-Metallic Mineral Products—							
1917.....	1,075	145,423,082	20,795	18,224,724	36,994,392	58,092,396	95,086,788
1920.....	846	215,281,921	25,500	32,351,764	69,856,558	80,205,472	150,062,030
1922.....	812	230,486,004	20,932	25,401,278	60,671,305	74,022,607	134,693,912
1929 ²	843	316,692,812	29,257	38,958,390	112,573,103	99,065,847	229,774,300
1933.....	770	295,139,543	16,975	19,282,401	69,077,701	52,817,078	131,325,706
1937.....	823	287,473,542	23,837	30,389,958	115,938,578	77,667,225	208,205,145
1939.....	809	290,865,285	23,026	30,067,934	107,979,292	55,511,631	208,166,781
1940.....	804	309,092,155	25,415	34,897,235	139,312,380	97,693,069	255,624,328
1941.....	773	325,032,038	28,829	42,376,214	183,140,990	117,425,887	324,289,898
1942.....	782	329,401,312	30,707	48,702,880	191,143,787	141,216,996	358,075,414
1943.....	747	351,164,254	30,994	53,282,340	215,139,225	146,460,170	388,713,942
1944.....	748	³	31,590	56,130,338	234,714,319	152,525,053	416,268,879
Chemicals and Allied Products—							
1917.....	539	175,836,690	56,153	51,505,484	99,068,092	131,381,995	230,450,087
1920.....	464	122,123,730	17,653	22,193,421	62,644,608	65,183,212	127,827,820
1922.....	469	118,025,483	14,082	16,770,503	37,650,061	48,981,277	86,631,338
1929 ²	554	165,886,912	16,694	22,639,449	55,184,337	78,785,911	138,545,221
1933.....	696	153,900,930	15,397	18,738,629	34,271,854	55,394,284	92,820,761
1937.....	754	161,165,068	21,968	28,612,719	64,460,947	79,290,240	148,973,220
1939.....	808	172,459,365	22,595	31,567,558	65,230,839	89,046,832	159,536,984
1940.....	804	213,610,510	27,682	38,640,990	82,534,474	104,121,900	193,890,338
1941.....	849	358,429,529	54,014	75,634,741	134,924,947	157,304,350	304,400,569
1942.....	928	471,679,779	93,030	134,345,942	233,386,894	252,390,766	501,656,123
1943.....	945	759,864,951	92,288	146,677,194	368,111,343	379,453,873	765,217,887
1944.....	981	³	81,822	137,422,977	360,412,749	355,260,598	733,569,232
Misc. Industries—							
1917.....	473	33,179,930	10,584	7,504,199	11,958,675	15,662,241	27,620,916
1920.....	552	48,637,071	13,442	14,613,455	23,465,807	27,841,778	51,307,585
1922.....	516	48,020,052	11,185	12,391,024	16,371,366	25,607,093	41,978,459
1929 ²	421	59,654,759	10,786	12,457,989	22,495,351	28,081,046	51,207,736
1933.....	459	33,554,093	8,351	7,810,976	9,497,751	14,083,738	24,138,927
1937.....	545	39,549,593	11,699	11,936,704	17,792,121	22,807,435	41,251,081
1939.....	566	41,480,534	12,280	13,045,929	18,308,810	24,368,247	43,393,206
1940.....	582	44,937,760	13,364	14,897,461	22,328,007	26,795,383	49,923,074
1941.....	621	73,990,849	18,441	21,480,656	34,818,275	36,651,877	72,525,897
1942.....	657	105,556,242	22,474	27,202,456	49,292,782	46,918,549	97,437,944
1943.....	668	110,684,657	25,388	38,723,390	81,085,860	60,156,877	142,587,014
1944.....	665	³	25,542	41,304,732	66,967,507	84,159,068	152,484,005

¹ See footnote 1, Table 1.² See footnote 2, Table 1.³ Information not collected.

The figures in Table 4 trace the tendencies in Canadian manufacturing industries as clearly as possible through the latest period of their development. In analysing statistics of production and materials used, it should be borne in mind that, due to the inflation of values from 1914 through the immediate post-war period and the drop in prices of commodities during the depressions following 1921 and 1930, the figures for these periods are not completely comparable. One very important figure, however, which shows the trend of development clearly, is concerned with the use of power. The total horse-power employed increased from 1,658,475 in 1917 to 6,468,439 in 1944, an increase of about 290 p.c. in 27 years. In the same period, horse-power per wage-earner showed an interrupted trend from 3.06 to 10.82 in 1933 and 9.46 in 1939. With the large increase in the number of wage-earners on war production, and the more efficient utilization of the equipment available, the horse-power per wage-earner dropped to 6.28 in 1944. The significant feature is the increase in both the absolute figure of power employed and the averages per wage-earner during the depression years as compared with 1929, although the large numbers of persons again finding employment since 1933 reduced the averages for the years 1934 to 1937 and again for 1940 to 1944. Other interesting comparisons are the trend of value added by manufacture, per employee, and of average salaries and wages paid since 1929.

Subsection 2—Consumption of Manufactured Products

One of the beneficial results of adopting the same classification for external trade and for production is exhibited in Table 5, where the value of commodities made available for consumption in Canada is derived from these statistics. For example, the value of all manufactured commodities made available in 1944 was \$7,707,530,734, a figure obtained by adding to the value of manufactured products the value of the imports of manufactured and partly manufactured goods and deducting the value of the exports.

In past years there have always been large amounts of manufactured animal, wood and non-ferrous metal products available for consumption in Canada with considerable surplus left for export. With the commencement of the War, however, it was necessary to export more and more of such goods to the United Kingdom, and while this was done mainly by increasing production, Government control of consumption at home grew stronger as the War advanced. In the case of manufactured vegetable products, the figures for 1944 showed large excesses of exports over imports for such products as cereal foods (including flour), canned and dehydrated vegetables, etc. Excesses of imports were chiefly confined to cocoa, tea, coffee and preserved fruits and fruit juices, in which cases domestic production cannot be substituted.

On balance, Canada, in the past, imported large quantities of iron and steel, textile and non-metallic mineral products in spite of large home production. The urgent requirements for munitions of war brought about an expansion of the iron and steel, chemical and non-ferrous metals industries that will enable Canada to meet most requirements for home consumption in the future.

4.—Summary Statistics of Manufactures, Significant Years, 1917-44

Item	1917	1920	1929 ¹	1933	1937	1939	1943	1944
Establishments.....	21,845	22,532	22,216	23,780	24,834	24,805	27,652	28,483
Capital.....	2,333,991,220	2,923,667,011	4,004,892,009	3,279,289,838	3,465,227,831	3,647,024,449	6,317,166,727	2
Averages, per establishment.....	106,843	129,756	180,271	137,900	139,536	147,028	228,452	-
Averages, per employee.....	3,848	4,852	6,009	6,997	8,536	5,542	5,050	-
Totals, employees.....	4,309	5,016	6,653	8,584	8,363	6,898	6,029	-
Averages, per establishment.....	606,523	598,893	666,531	468,658	690,451	658,114	1,241,068	1,222,882
Totals, salaries and wages.....	27-8	26-6	30-0	19-7	26-6	26-5	44-9	42-9
Averages, per establishment.....	497,801,844	717,493,876	777,291,217	436,247,824	721,727,037	737,811,153	1,987,292,384	2,029,621,370
Employees, per employee.....	22,788	31,843	34,988	18,345	29,062	29,744	71,868	71,257
Averages, per establishment.....	821	1,198	1,166	931	1,093	1,121	1,601	1,680
Employees on salaries.....	64,918	78,334	88,841	86,636	115,827	124,772	193,195	192,558
Averages, per establishment.....	3-0	3-5	4-0	3-6	4-7	5-0	7-0	6-8
Salaries.....	85,353,667	141,837,361	175,553,710	139,317,946	195,983,475	217,839,334	388,857,505	418,065,594
Averages, per employee.....	1,315	1,811	1,976	1,608	2,285	2,176	2,013	2,171
Employees on wages.....	541,605	520,559	577,690	352,022	544,634	533,342	1,047,873	1,030,334
Averages, per establishment.....	24-8	23-1	26-0	16-1	21-0	21-3	37-9	36-2
Wages.....	412,448,177	575,056,515	601,737,507	296,929,878	525,743,562	519,971,819	1,588,434,879	1,611,555,776
Averages, per employee.....	762	1,106	1,042	777	965	975	1,525	1,504
Cost of materials.....	1,539,678,811	2,085,276,649	2,029,670,813	967,788,328	2,006,926,787	1,836,159,375	4,680,493,053	4,832,333,356
Averages, per establishment.....	70,482	92,547	91,301	40,698	80,814	74,024	169,626	169,657
Averages, per employee.....	2,539	3,432	3,045	2,065	3,039	2,790	3,779	3,952
Values added in manufacture ²	1,281,131,980	1,621,273,348	1,755,386,337	919,671,181	1,508,924,867	1,531,051,901	3,816,413,541	4,015,776,010
Averages, per establishment ³	58,646	71,954	79,015	38,674	60,760	61,724	138,016	140,989
Averages, per employee ³	2,112	2,707	2,634	1,962	2,255	2,326	3,075	3,254
Gross value of products.....	2,820,810,731	3,706,544,997	3,883,446,116	1,954,075,785	3,625,459,500	3,474,783,528	8,732,890,999	9,073,692,519
Averages, per establishment.....	129,128	164,501	174,804	82,173	145,988	140,084	315,813	318,565
Averages, per employee.....	4,651	6,189	5,826	4,170	5,489	5,280	7,037	7,420
Power employed.....	1,058,475	2,068,875	3,855,648	4,135,008	4,712,283	5,045,287	6,415,851	6,468,439
Averages, per establishment.....	76	92	174	174	190	203	232	227
Averages, per wage-earner.....	3-06	3-97	6-67	10-82	8-65	9-46	6-12	6-28

¹ A change in the method of computing the number of wage-earners in the years 1925 to 1930, inclusive, increased the number somewhat over that which the method otherwise used would have given. There was, therefore, a proportionate reduction in the averages for 1925-30 per employee and wage-earner, as compared with what these averages would have been under the other method. In 1931, however, the method in force prior to 1925 was re-adopted. The figures for 1931 and later years are, therefore, comparable with those for 1924 and earlier years.

² Not collected.

³ Net values of products; see footnote 1, Table 1.

5.—Consumption of Manufactured Products, 1928-1944

Year	Value of Products Manufactured	Manufactured and Partly Manufactured Goods ¹		Value of Manufactured Products Available for Consumption
		Value of Net Imports	Value of Domestic Exports	
	\$	\$	\$	\$
1928.....	3,582,345,302	954,387,551	698,376,615	3,838,356,238
1929.....	3,883,446,116	939,130,201	686,876,071	4,135,700,246
1930.....	3,280,236,603	675,828,233	490,108,470	3,465,956,366
1931.....	2,555,126,448	423,519,849	347,456,198	2,631,190,099
1932.....	1,980,471,543	281,855,757	267,765,614	1,994,561,686
1933.....	1,954,075,785	298,068,344	365,232,113	1,886,912,016
1934.....	2,393,692,729	357,320,284	419,094,297	2,331,918,716
1935.....	2,653,911,209	385,597,041	582,041,141	2,457,467,109
1936.....	3,002,403,814	468,455,981	676,890,803	2,793,968,992
1937.....	3,625,459,500	566,876,483	781,099,407	3,411,236,576
1938.....	3,337,681,366	472,193,253	587,758,795	3,222,115,824
1939.....	3,474,783,528	542,364,930	646,853,938	3,370,294,520
1940.....	4,529,173,316	807,636,948	913,049,979	4,423,760,285
1941.....	6,076,308,124	1,123,994,913	1,292,855,603	5,907,447,434
1942.....	7,553,794,972	1,283,884,068	2,056,368,079	6,781,310,961
1943.....	8,732,860,999	1,305,838,746	2,444,862,298	7,593,837,447
1944.....	9,073,692,519	1,302,413,996	2,668,575,781	7,707,530,734

¹ Imports and exports of manufactured and partly manufactured goods for the years 1928 to 1938 are for the fiscal years ended Mar. 31 of the following years, while for 1939 to 1944 they are for the calendar year. Net imports are total imports less foreign products re-exported.

Section 2.—Value and Volume of Manufactured Products

Value of Manufactured Products—In the interpretation of manufacturing values over a number of years, variations in the level of prices must be borne in mind, especially when such variations have been as great as those in the period since the annual Census of Manufactures was begun in 1917. The index number of wholesale prices in Canada, on the 1926 base, compiled by the Dominion Bureau of Statistics, stood at 114.3 in 1917, 155.9 in 1920, 97.3 in 1922, 95.6 in 1929, 67.1 in 1933, 84.6 in 1937, 75.4 in 1939 and 102.5 p.c. in 1944. Index numbers of the prices of fully or chiefly manufactured goods were: 113.5 in 1917, 156.5 in 1920, 100.4 in 1922, 93.0 in 1929, 70.2 in 1933, 80.5 in 1937, 75.3 in 1939 and 93.6 p.c. in 1944.

Volume of Manufacturing Production—Since real income is ultimately measured in goods and services, the growth of the volume of manufacturing production, as distinguished from its value, becomes a matter of great significance. The important thing to know is whether consumers are getting more goods and services, not whether they are expending more dollars and cents.

The index of volume (Table 6) is based on the quantities of manufactured products reported. The industry indexes are weighted according to the values added by manufacture. The indexes for the years 1923-31 are based on the values added in 1926. The weights and products were changed in 1931, 1936 and then again in 1941. By changing the weights and products used in the construction of the index every five years, current changes in production are thereby reflected more accurately.

The physical volume of manufacturing production increased 50.2 p.c. from 1923 to 1929. When it is recalled that the population of Canada is estimated to have increased only 11.1 p.c. during the same period, the growth of manufacturing production is indeed remarkable. Of this advance, the part resulting from an increase in the domestic demand due to growth of population would therefore be about 11.1 p.c. Exports of partly and fully manufactured goods increased from \$591,830,000 in the fiscal year ended Mar. 31, 1924, to \$686,876,000 in the fiscal year 1929-30, the increase in exports representing about 3.6 p.c. of the 1923 production. The remainder of the increase in production by 1929, or a margin equal to roughly 35 p.c. of the volume of manufactures of 1923, was, therefore, apparently absorbed by increases in capital equipment and by the rise in the standard of living of the population of Canada.

A similar analysis of the volume of manufactures since 1929 in relation to population and exports would show that the decline in the depression preceding the Second World War was due chiefly to reduced exports and a cessation in production of capital equipment. As a result of the expansion in production resulting from the demands created by the War, the physical volume of production in 1943 when production was at an all-time high increased by 76.6 p.c. since 1939 and by 85.1 p.c. since 1929. The chemical and allied products group, with an increase of 262.5 p.c., reported the greatest expansion in output since 1939. This was followed by the iron and its products group with an increase of 222.2 p.c., non-ferrous metal products 129.9 p.c., miscellaneous industries 68.0 p.c., non-metallic mineral products 55.6 p.c., animal products 40.4 p.c., textile and textile products 33.7 p.c., vegetable products 24.6 p.c., and wood and paper products 21.4 p.c. There was also an increase in the volume of consumer goods. As was to be expected, the increase was not so great as that for the output of equipment and supplies needed by the Armed Forces. Drink and tobacco increased by 50.5 p.c., food 26.8 p.c. and clothing 24.7 p.c.

In 1944 the index of the physical volume of production at 180.8 represented a drop of 3.7 p.c. from the high mark of the previous year. Chemicals and allied products had the sharpest decline of 14.2 p.c., followed by non-ferrous metal products with 10.1 p.c., iron and its products 8.5 p.c. and textiles and textile products 2.9 p.c. The vegetable, animal, miscellaneous industries, wood and paper and non-metallic mineral products groups on the other hand reported an increased volume of production. The volume of consumers' goods continued to rise with the drink and tobacco group reporting an increase of 14.9 p.c., food 8.7 p.c. and clothing 0.6 p.c. Industrial equipment and producers materials were both down with declines of 7.5 and 4.8 p.c. respectively. Vehicles and vessels also declined by 0.9 p.c.

6.—Indexes of the Volume of Manufacturing Production, According to Component Material and Purpose Classifications, 1923-44

(1935-39=100)

Year	COMPONENT MATERIAL CLASSIFICATION GROUPS									
	All Industries	I	II	III	IV	V	VI	VII	VIII	IX
1923.....	67.5	62.6	75.0	64.3	65.1	81.5	42.7	81.8	59.2	99.5
1924.....	66.3	67.8	80.4	62.1	64.0	68.6	46.4	78.9	60.5	95.0
1925.....	72.5	75.1	84.8	66.5	69.0	79.9	52.5	80.3	64.8	94.5
1926.....	82.5	80.2	92.2	75.8	78.1	102.6	58.6	89.6	70.5	104.4
1927.....	87.9	84.9	90.0	81.4	84.1	104.1	67.6	102.3	75.2	114.2
1928.....	95.8	93.5	92.9	87.0	92.5	117.1	75.3	116.3	82.7	110.5
1929.....	101.4	96.4	87.9	86.1	99.6	133.4	81.3	137.1	84.8	105.6
1930.....	91.9	91.6	85.3	80.0	92.1	108.6	76.8	122.9	74.9	87.8
1931.....	79.9	83.4	77.4	78.2	76.6	82.8	73.1	105.6	69.2	80.0
1932.....	67.6	74.1	76.7	74.6	68.0	53.5	58.9	75.1	66.0	75.8
1933.....	67.7	72.8	79.6	81.1	69.6	50.2	57.6	68.8	69.9	71.9
1934.....	79.6	82.4	86.5	89.5	81.5	67.6	70.8	82.5	79.3	85.2
1935.....	87.9	87.0	91.3	94.5	89.5	83.4	81.2	88.1	87.2	91.1
1936.....	96.2	95.9	98.7	99.9	98.4	93.5	91.5	96.8	93.6	91.7
1937.....	108.9	104.5	102.7	106.0	109.6	118.1	110.1	111.3	107.3	106.6
1938.....	100.8	102.4	100.3	94.5	97.8	102.8	106.0	101.6	102.9	105.3
1939.....	106.3	109.0	107.2	104.9	104.4	101.9	111.1	105.1	108.9	110.7
1940.....	125.2	117.9	118.7	124.8	117.8	141.2	133.2	127.8	120.2	116.3
1941.....	155.9	137.2	138.2	143.1	131.3	217.1	165.4	148.8	219.6	157.4
1942.....	179.9	136.4	145.0	152.4	131.2	289.2	213.7	157.6	369.6	180.2
1943.....	187.7	135.8	150.5	140.2	126.7	328.3	255.4	163.5	394.8	186.0
1944.....	180.8	155.0	155.9	136.2	129.1	300.5	229.6	166.5	338.8	192.0

I. Vegetable products
II. Animal products.
III. Textiles and textile products
IV. Wood and paper products
V. Iron and its products
VI. Non-ferrous metal products
VII. Non-metallic mineral products
VIII. Chemicals and allied products
IX. Miscellaneous industries

Year	PURPOSE CLASSIFICATION GROUPS										
	All Industries	I	II	III	IV	V	VI	VII	VIII	IX	X
1923.....	67.5	73.7	69.2	50.1	85.1	62.1	56.1	69.3	64.3	77.4	45.0
1924.....	66.3	79.0	69.3	57.4	81.2	69.4	46.8	65.8	64.2	67.4	47.1
1925.....	72.5	84.0	74.4	61.0	87.0	67.7	54.8	71.9	69.6	83.3	48.7
1926.....	82.5	87.0	83.5	65.9	99.6	78.7	60.3	81.6	84.3	108.3	52.9
1927.....	87.9	85.0	89.0	75.8	105.9	95.0	67.0	86.6	91.7	115.2	55.8
1928.....	95.8	90.2	96.0	86.0	106.5	98.3	74.1	95.7	101.6	122.6	60.0
1929.....	101.4	89.4	95.8	92.6	101.5	108.3	79.3	101.8	109.2	142.6	66.2
1930.....	91.9	91.0	88.5	86.3	84.1	98.8	78.7	90.7	97.0	115.6	55.5
1931.....	79.9	83.4	85.1	78.0	78.2	85.9	75.0	76.4	82.0	82.7	56.4
1932.....	67.6	80.6	77.8	67.0	70.3	70.7	76.9	61.2	63.7	56.8	52.6
1933.....	67.7	79.9	81.7	63.4	70.7	68.7	73.5	63.6	59.2	57.7	59.9
1934.....	79.6	87.8	87.7	72.7	79.5	79.1	83.6	77.3	73.8	76.6	72.8
1935.....	87.9	90.5	92.2	82.5	87.6	85.9	93.4	86.2	84.7	90.5	78.6
1936.....	96.2	98.8	97.9	90.9	94.3	95.4	96.3	97.0	94.9	94.3	87.2
1937.....	108.9	101.5	103.9	107.6	106.7	110.5	101.7	111.8	113.3	118.0	109.6
1938.....	100.8	102.4	97.9	107.5	103.0	101.6	103.8	98.0	102.0	99.9	109.1
1939.....	106.3	107.0	108.2	111.6	108.5	106.5	104.7	106.9	105.1	97.4	115.5
1940.....	125.2	115.0	119.9	129.7	115.1	120.5	102.8	128.7	138.7	129.5	180.3
1941.....	155.9	131.7	136.0	149.5	140.0	140.4	112.8	151.1	184.9	230.8	230.8
1942.....	179.9	130.6	142.7	171.2	144.6	149.4	106.6	172.3	222.8	310.2	430.9
1943.....	187.7	135.7	134.9	167.9	141.7	149.7	107.2	172.7	257.0	373.0	405.1
1944.....	180.8	147.5	135.7	193.0	143.9	153.6	110.7	164.4	237.6	369.5	362.4

I. Food
II. Clothing
III. Drink and tobacco
IV. Personal utilities
V. House furnishings
VI. Books and stationery
VII. Producers materials
VIII. Industrial equipment
IX. Vehicles and vessels
X. Miscellaneous

7.—Indexes of the Volume of Manufacturing Production for the Groups of the Purpose Classification, Significant Years, 1923-44

(1935-39=100)

Group and Classification	1923	1929	1933	1939	1942	1943	1944
Food	73.7	89.4	79.9	107.0	130.6	135.7	147.5
Breadstuffs.....	81.0	98.7	84.3	106.9	130.9	138.7	141.5
Fish.....	108.5	114.1	86.7	98.8	145.4	131.9	125.5
Fruit and vegetable preparations.....	32.9	70.8	64.5	109.9	123.0	107.0	151.3
Meats.....	72.7	78.5	76.2	106.0	153.1	165.3	196.6
Milk products.....	69.8	77.2	78.7	107.3	136.5	145.5	147.1
Oils and fats.....	52.0	40.9	41.9	156.4	296.4	314.0	321.2
Sugar.....	79.2	88.5	82.5	109.4	76.9	83.3	98.8
Infusions.....	64.4	75.0	82.5	105.8	145.3	156.2	172.6
Miscellaneous.....	46.5	67.4	66.5	110.4			
Clothing	69.2	95.8	81.7	108.2	142.7	134.9	135.7
Boots and shoes.....	73.0	100.6	80.0	113.4	114.1	107.9	112.6
Fur goods.....	41.1	97.6	81.0	118.3	157.5	169.7	171.1
Garments and personal furnishings.....	75.3	94.2	80.2	103.1	166.5	153.9	146.5
Gloves and mittens.....	59.2	84.0	76.4	100.4	166.4	167.1	179.7
Hats and caps.....	58.6	95.3	74.3	104.5	133.8	130.9	122.4
Knitted goods.....	64.8	86.1	83.1	112.4	124.0	118.2	119.5
Waterproofs.....	48.9	89.8	65.7	100.4	329.2	250.0	171.4
Drink and Tobacco	50.1	92.6	63.4	111.6	171.2	167.9	193.0
Beverages, alcoholic.....	49.5	105.9	60.5	102.8	179.2	165.8	199.3
Beverages, non-alcoholic.....	35.9	61.3	54.9	136.4	179.9	178.6	207.8
Tobacco.....	55.3	90.7	77.1	111.3	162.7	170.6	184.0
Personal Utilities	85.1	101.5	70.7	108.5	144.6	141.7	143.9
Jewellery and time-pieces.....	78.4	88.5	67.7	108.1	161.8	140.0	148.3
Recreational supplies.....	193.3	176.7	48.2	114.1	131.8	152.4	170.3
Personal utilities.....	56.1	79.8	78.1	107.5	139.6	142.6	139.8
House Furnishings	62.1	108.3	68.7	106.5	149.4	149.7	153.6
Books and Stationery	56.1	79.3	73.5	104.7	106.6	107.2	110.7
Producers Materials	69.3	101.8	63.6	106.9	172.3	172.7	164.4
Farm materials (fertilizers).....	8.0	13.4	51.7	124.8	159.2	204.5	226.3
Manufacturers materials.....	58.7	88.1	64.4	105.6	167.8	169.1	159.7
Building materials.....	109.3	152.9	58.8	111.2	167.1	154.8	156.2
General materials.....	86.0	120.3	69.3	108.5	183.7	190.0	198.7
Industrial Equipment	64.3	109.2	59.2	105.1	222.8	257.0	237.6
Farming equipment.....	97.7	144.7	43.3	85.1	206.6	240.7	226.3
Manufacturing equipment.....	66.5	101.3	44.9	107.6	284.3	293.5	271.4
Trading equipment.....	55.2	77.2	80.0	107.7	Nil	Nil	Nil
Service equipment.....	67.7	75.8	72.5	100.4	166.2	317.8	240.0
Light, heat and power equipment.....	46.6	104.8	61.7	105.0	196.6	220.7	224.5
General equipment.....	74.2	114.4	58.5	106.4	260.5	292.8	256.5
Vehicles and Vessels	77.4	142.6	57.7	97.4	310.2	373.0	369.5
Miscellaneous	45.0	66.2	59.9	115.5	430.9	405.1	362.4
Totals, All Manufactures	67.5	101.4	67.7	106.3	179.9	187.7	180.8

Section 3.—Production by Industrial Groups and Individual Industries.

For the purposes of the Census of Manufactures, the main detailed analysis is made under a classification in which industries are grouped according to the chief component materials of the goods manufactured. This is, therefore, the grouping used in Table 9, where the statistics of individual industries are presented in detail and in the historical series shown in Table 3. However, there are also less detailed analyses under purpose groupings given in Table 10 and under origin groupings in Table 12.

Subsection 1 —Manufactures Grouped by Chief Component Materials

A classification based on the chief component materials in the various products of each manufacturing establishment was applied for the first time in the compilation of the returns for 1920. The number of groups was reduced from fifteen to nine to

correspond with the external trade classification and the classes of industry were somewhat altered to conform with recent industrial developments. Subsequently, a number of minor changes were made, the most important being the elimination of central electric stations and the dyeing, cleaning and laundry industry from the compilation in 1936. Revisions due to these changes have been carried back to 1917 in so far as possible.

Recent Changes in Manufacturing Production—Table 8 shows the effects of the depression, the recovery since 1933, and the impact of the Second World War upon the main groups of industries with regard to the numbers employed, the salaries and wages paid, and the gross value of products. Owing to the price decline during the depression, money values of both wages and products were naturally affected more than number of employees. Furthermore, during periods of curtailed production there is a tendency for wage-earners to be put on part time, while the number of salaried employees responds less quickly to reduction in output than that of wage-earners. Therefore, there are several reasons why the variation in number of employees should be less than that of money values. The figures of Table 8 are to be compared with those of Table 6 which show changes in volume of production. Compared with 1939, the number of employees in 1944 increased by 85.8 p.c. as compared with an increase of 70.1 p.c. in the physical volume of production. Salaries and wages paid were 175.1 p.c. higher and the gross value of production 161.1 p.c. higher. Another significant change is the increase in the proportion of women engaged in manufacturing. Whereas in 1939, there were 281 females to every 1,000 males employed, in 1944 this figure jumped to 403.

8.—Percentage Variation in Employment, Salaries and Wages, and Gross Value of Products in the Main Industrial Groups Compared for Significant Years, 1929-44

NOTE.—The highest pre-depression year was 1929, while the lowest depression year was 1933.

Industrial Group	1933 Compared with 1929			1939 Compared with 1929			1944 Compared with 1939		
	Em- ployees	Salaries and Wages	Gross Value of Pro- ducts	Em- ployees	Salaries and Wages	Gross Value of Pro- ducts	Em- ployees	Salaries and Wages	Gross Value of Pro- ducts
Vegetable products.....	-17.2	-23.5	-44.8	+ 9.2	+ 8.8	-15.8	+ 31.4	+ 76.4	+ 92.6
Animal products.....	-21.5	-25.2	-43.3	+ 2.5	+ 9.9	- 3.3	+ 35.8	+ 89.4	+136.4
Textile products.....	- 7.9	-23.3	-30.7	+16.5	+12.8	- 2.6	+ 26.5	+ 82.8	+ 99.1
Wood and paper products..	-36.1	-46.8	-52.9	-12.0	-14.0	-20.0	+ 31.0	+ 72.1	+ 88.6
Iron and its products.....	-48.6	-64.5	-72.6	-15.2	-22.2	-30.0	+240.3	+416.2	+359.1
Non-ferrous metals.....	-36.6	-48.4	-41.9	+11.8	+ 9.5	+46.7	+134.1	+206.5	+138.5
Non-metallic minerals....	-42.0	-50.5	-42.8	-21.3	-22.8	- 9.4	+ 37.2	+ 86.7	+100.0
Chemicals.....	- 7.8	-17.2	-33.0	+35.3	+39.4	+15.2	+262.1	+335.3	+359.8
Miscellaneous products....	-22.6	-37.3	-52.9	+13.9	+ 4.7	-15.3	+108.0	+216.6	+251.4
Averages, All Industries.	-29.7	-43.9	-49.7	- 1.3	- 5.1	-10.5	+ 85.8	+175.1	+161.1

Detailed Statistics by Groups and Individual Industries—Table 9 presents for the year 1944 detailed statistics regarding the individual industries under which all industrial plants in the Dominion are classified. The industries are further assembled under nine main groups according to the principal component material of their products.

In interpreting the statistics of individual industries it should be remembered that the figures on employment, production, etc., do not refer to individual products but to all the products made in an industry. For example, the value of production of the biscuit and confectionery industry amounted to \$86,011,499 in 1944 does not mean that this was the value of biscuits and confectionery produced. What it means is that the firms whose principal products were biscuits and confectionery had a value of production of \$86,011,499. This figure, in addition to biscuits and confectionery, includes all the subsidiary products made by these firms, such as ice cream, which was valued at \$1,558,335, and bread and other bakery products amounting to \$4,092,076. Biscuits and confectionery are also produced as subsidiary products by firms credited to other industrial classifications. The bread and other bakery products industry, for example, reported an output of \$270,401 worth of biscuits while the miscellaneous food industry reported \$221,990 worth of confectionery. To obtain total production figures for individual products reference should be made to Appendix II of this report "Alphabetical List of Products Manufactured in Canada".

The incidence of the War resulted in a rearrangement in the rank of many industries. Industries producing supplies and equipment for the Armed Forces naturally advanced while those industries producing for the domestic consumer market declined in importance. To supply the raw materials needed by the industries engaged principally in war production, it became necessary to restrict or prohibit the manufacture of many products such as pleasure cars, radios, washing machines, electrical equipment, household appliances, agricultural implements, etc. Though these industries were forced to change over to wartime production, the changes did not affect the value of their output and consequently their importance as producers of manufactured goods did not alter drastically. To analyse the effects of the War on any industry, it is necessary to compare the nature of the products made before the War with that of the present. This should be borne in mind in making industrial comparisons with pre-war years. For example, the number of employees engaged in the agricultural implements industry increased by 7,196 between 1940 and 1944; this in spite of the fact that the output of agricultural implements remained at about the same level. The increase was due to a change-over of some of the plants to war production. It is therefore impossible to trace industrial trends from the principal statistics alone, as published in this report.

9.—Statistics of the Establishments, Employees, Salaries and Wages, Power, Fuel,

Industry and Group	Establishments	Employees on Salary			Employees on	
		Male	Female	Salaries	Male	Female
	No.	No.	No.	\$	No.	No.
PROVINCE						
1 Prince Edward Island.....	241	274	90	340,735	956	466
2 Nova Scotia.....	1,281	3,357	1,393	8,038,033	28,059	5,003
3 New Brunswick.....	937	2,393	910	5,927,148	15,829	4,032
4 Quebec.....	9,656	43,613	19,537	136,345,080	254,412	106,553
5 Ontario.....	10,731	58,832	35,547	214,556,603	330,502	139,511
6 Manitoba.....	1,290	4,504	2,153	12,970,760	24,737	9,543
7 Saskatchewan.....	1,054	2,169	885	4,629,279	7,562	1,745
8 Alberta.....	1,165	2,855	1,272	7,292,403	13,912	4,147
9 British Columbia.....	2,116	8,840	3,912	27,933,075	68,622	14,688
10 Yukon and Northwest Territories.....	12	21	1	32,478	44	1
Totals.....	28,483	126,858	65,700	418,065,594	744,635	285,689
INDUSTRIAL GROUP						
1 Vegetable products.....	5,941	16,912	7,701	49,702,771	65,788	40,278
2 Animal products.....	4,388	11,588	5,026	31,018,679	53,797	23,784
3 Textiles and textile products.....	2,481	10,924	6,851	44,529,327	51,284	84,063
4 Wood and paper products.....	10,452	26,744	10,239	70,547,540	128,117	24,574
5 Iron and its products.....	2,192	33,745	19,657	123,083,083	308,747	49,795
6 Non-ferrous metal products.....	635	10,643	6,469	39,496,337	61,300	25,902
7 Non-metallic mineral products.....	748	3,840	1,560	12,458,871	22,964	3,226
8 Chemicals and allied products.....	981	8,742	5,971	34,080,087	41,045	26,064
9 Miscellaneous industries.....	665	3,720	2,226	13,148,899	11,593	8,003
1.—Vegetable Products—						
1 Aerated and mineral waters.....	445	1,055	435	3,154,011	3,688	621
2 Biscuits, confectionery, cocoa, etc.....	219	1,801	793	5,969,940	4,244	7,422
3 Bread and other bakery products.....	2,917	3,209	1,212	6,531,441	16,090	7,019
4 Breweries.....	61	1,241	327	4,410,331	4,952	605
5 Distilleries.....	17	412	207	1,777,390	1,567	994
6 Flour and feed mills.....	1,087	1,653	553	3,341,467	4,768	315
7 Foods, breakfast.....	29	115	69	376,579	455	287
8 Foods, stock and poultry.....	206	636	296	1,667,503	2,182	125
9 Foods, miscellaneous.....	269	1,839	682	4,191,543	1,855	3,009
10 Fruit and vegetable preparations.....	458	1,204	637	3,432,826	6,622	6,905
11 Ice cream cones.....	6	12	10	35,617	32	62
12 Macaroni, vermicelli, etc.....	16	51	25	166,914	210	208
13 Malt and malt products.....	11	58	31	249,130	362	8
14 Rubber goods, including rubber footwear.....	56	2,240	1,285	7,793,127	12,358	5,538
15 Starch and glucose.....	8	114	84	443,316	659	152
16 Sugar refineries.....	11	294	116	1,078,829	1,787	393
17 Tobacco, cigars and cigarettes.....	69	1,164	825	3,978,152	2,634	5,964
18 Tobacco processing.....	13	147	32	479,114	520	494
19 Vegetable oil mills.....	11	49	26	153,759	380	7
20 Wine.....	30	104	51	408,465	377	150
21 All other industries.....	2	14	5	63,317	46	—
Totals, Vegetable Products.....	5,941	16,912	7,701	49,702,771	65,788	40,278
2.—Animal Products—						
1 Animal oils and fats.....	8	18	9	60,162	90	—
2 Belting, leather.....	18	51	28	181,759	156	35
3 Boot and shoe findings, leather.....	21	52	21	164,552	448	265
4 Boots and shoes, leather.....	228	1,497	634	4,947,699	8,968	7,539
5 Butter and cheese.....	2,282	3,440	1,618	6,550,880	11,935	1,629
6 Cheese, processed.....	22	120	76	363,140	332	587
7 Condensed milk.....	26	137	75	413,443	958	139
8 Dairy products, other.....	88	139	75	349,761	320	97
9 Fish curing and packing.....	535	985	233	1,861,835	6,130	2,316
10 Fur dressing and dyeing.....	18	115	45	372,914	754	315
11 Fur goods.....	517	945	376	2,735,273	1,915	1,725
12 Gloves and mittens, leather.....	67	203	90	548,850	824	1,723
13 Hair goods, animal and human.....	16	26	10	104,910	155	81
14 Leather tanneries.....	75	348	133	1,563,094	3,508	433
15 Miscellaneous leather goods.....	241	556	220	1,629,879	1,970	2,173
16 Sausage and sausage casings.....	73	85	24	176,643	283	90
17 Slaughtering and meat packing.....	153	2,871	1,359	8,993,885	15,050	4,587
Totals, Animal Products.....	4,388	11,588	5,026	31,018,679	53,797	23,784

Materials, and Values of Products of Canadian Manufacturing Industries, 1944

Wages	Total Employees	Total Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Value of Products		
					Net	Gross	
\$	No.	\$	\$	\$	\$	\$	
1,354,028	1,786	1,694,763	149,299	6,993,510	3,570,835	10,713,644	1
51,902,378	37,812	59,940,411	7,581,903	103,463,123	93,376,638	204,421,664	2
26,417,932	23,164	32,345,080	5,854,500	83,993,599	62,258,478	152,106,577	3
531,810,973	424,115	668,156,053	84,912,996	1,494,253,053	1,350,519,134	2,929,685,133	4
760,481,457	564,392	975,038,060	99,406,013	2,310,347,858	1,930,043,913	4,339,797,784	5
49,787,321	40,937	62,758,081	5,759,743	226,234,925	120,339,926	352,334,594	6
13,073,824	12,361	17,703,103	3,300,884	131,215,017	40,833,333	175,349,234	7
25,935,326	22,186	33,227,729	3,451,604	172,082,537	77,415,753	252,949,894	8
150,706,043	96,062	178,639,118	15,147,476	303,560,016	337,137,197	655,844,689	9
86,494	67	118,972	18,735	189,718	280,803	489,256	10
1,611,555,776	1,222,882	2,029,621,370	225,583,153	4,832,333,356	4,015,776,010	9,073,692,519	
134,241,177	130,679	183,943,948	21,360,056	763,606,750	485,551,491	1,270,518,297	1
98,196,710	94,195	129,215,389	10,364,680	835,586,247	246,064,720	1,092,015,647	2
151,276,354	153,122	195,805,681	10,596,558	419,988,642	351,186,488	781,771,688	3
213,889,019	189,674	284,432,559	45,242,678	497,656,158	550,826,986	1,093,725,822	4
695,369,371	411,944	818,456,454	46,205,965	1,104,083,922	1,390,703,087	2,540,992,974	5
143,412,955	104,314	182,909,292	43,530,394	549,317,062	399,498,519	992,345,975	6
43,671,467	31,590	56,130,338	29,029,507	234,714,319	152,525,053	416,268,879	7
103,342,890	81,822	137,422,977	17,895,885	360,412,749	355,260,598	733,569,232	8
28,155,833	25,542	41,304,732	1,357,430	66,967,507	84,159,068	152,484,005	9
5,822,235	5,799	8,976,246	764,707	16,667,880	29,761,126	47,193,713	1
11,355,637	14,260	17,325,577	1,103,149	42,475,278	42,433,072	86,011,499	2
28,632,695	27,530	35,164,136	3,961,643	59,824,616	61,474,839	125,261,098	3
9,778,202	7,125	14,188,533	1,351,455	18,021,526	63,118,812	82,491,793	4
3,599,650	3,180	5,377,040	1,392,422	20,533,253	24,793,883	46,719,558	5
7,170,508	7,289	10,511,975	1,892,784	187,116,957	26,780,541	215,790,282	6
1,157,943	926	1,534,522	242,057	6,048,985	5,939,799	12,230,841	7
3,493,226	3,239	5,160,729	571,879	55,812,112	11,113,161	67,497,152	8
4,702,370	6,885	8,893,913	560,962	68,280,203	28,293,696	97,434,861	9
12,979,162	15,368	16,411,988	1,808,432	63,223,982	42,302,840	107,335,254	10
106,274	116	141,891	29,940	274,375	448,765	753,080	11
493,813	494	660,727	90,702	1,418,347	1,095,916	2,604,965	12
696,098	459	945,228	518,058	8,472,119	3,910,271	12,900,448	13
28,185,590	21,421	35,978,717	4,509,841	82,187,888	82,813,307	169,511,036	14
1,192,435	1,009	1,635,751	516,995	8,878,997	2,393,758	11,789,750	15
3,497,231	2,590	4,576,060	1,476,377	48,033,547	14,364,944	63,874,868	16
9,127,644	10,587	13,105,796	274,262	36,864,416	34,303,711	71,442,389	17
955,947	1,193	1,435,061	75,895	23,244,910	4,209,358	27,530,163	18
574,827	462	728,586	134,724	10,641,800	2,411,159	13,187,683	19
649,235	682	1,057,700	78,726	3,074,617	3,200,736	6,354,079	20
70,455	65	133,772	5,046	2,210,942	387,797	2,603,785	21
134,241,177	130,679	183,943,948	21,360,056	763,606,750	485,551,491	1,270,518,297	
156,549	117	216,711	65,632	538,711	410,974	1,015,317	1
246,421	270	428,180	16,944	1,101,605	719,798	1,838,347	2
699,557	786	864,109	113,253	1,399,523	1,475,092	2,987,868	3
17,688,495	18,638	22,636,194	393,133	42,657,044	33,247,109	76,297,886	4
18,807,590	18,622	25,358,470	3,816,374	168,490,247	45,836,735	218,143,356	5
920,541	1,115	1,283,681	72,102	14,833,893	4,764,231	19,670,226	6
1,595,136	1,309	2,008,579	825,502	23,807,162	6,030,508	30,663,172	7
515,514	631	865,275	113,471	2,758,505	2,649,401	5,521,377	8
8,465,860	9,664	10,327,695	909,536	45,906,542	22,066,801	68,882,879	9
1,308,509	1,229	1,681,423	64,983	646,281	2,364,204	3,075,468	10
5,013,495	4,961	7,748,768	114,696	27,430,291	13,364,722	40,909,709	11
2,230,949	2,840	2,779,799	36,967	5,003,352	4,357,839	9,398,158	12
233,751	273	338,661	8,550	613,097	528,054	1,149,701	13
6,022,322	4,472	7,585,416	828,100	28,233,845	15,949,343	45,011,288	14
4,126,341	4,919	5,756,220	106,251	10,361,330	9,422,769	19,890,350	15
461,776	482	638,419	67,836	3,319,837	1,138,772	4,526,445	16
29,703,904	23,867	38,697,789	2,811,350	458,484,382	81,738,368	543,034,100	17
98,196,710	94,195	129,215,389	10,364,680	835,586,247	246,064,720	1,092,015,647	

9.—Statistics of the Establishments, Employees, Salaries and Wages, Power, Fuel,

Industry and Group		Establishments	Employees on Salary			Employees on	
			Male	Female	Salaries	Male	Female
		No.	No.	No.	\$	No.	No.
3.—Textiles and Textile Products—							
1	Awnings, tents and sails.....	79	188	77	552,578	570	851
2	Bags, cotton and jute.....	32	114	60	501,100	316	997
3	Batting and wadding.....	4	40	9	150,731	177	136
4	Carpets, mats and rugs.....	16	118	68	466,044	460	412
5	Clothing, men's, factory.....	418	2,439	1,263	9,610,626	6,508	16,806
6	Clothing, women's, factory.....	835	2,451	1,524	9,717,205	4,833	17,002
7	Clothing contractors, men's.....	117	192	33	442,845	930	1,895
8	Clothing contractors, women's.....	63	87	21	216,960	201	900
9	Cordage, rope and twine.....	10	88	54	396,301	866	733
10	Corsets.....	28	173	295	1,027,851	155	1,727
11	Cotton and wool waste.....	25	64	32	282,052	189	183
12	Cotton textiles, miscellaneous.....	85	195	97	621,934	307	1,264
13	Cotton thread.....	7	109	64	401,991	175	557
14	Cotton yarn and cloth.....	41	687	522	3,096,019	11,203	9,488
15	Dyeing and finishing of textiles.....	40	189	105	798,409	1,027	346
16	Flax, fibre.....	42	66	9	123,847	830	23
17	Gloves and mittens, fabric.....	16	37	23	134,643	84	490
18	Hats and caps.....	165	591	285	2,142,054	1,616	2,631
19	Hosiery and knitted goods.....	200	1,152	938	5,044,705	6,199	14,650
20	Miscellaneous textiles.....	19	264	163	1,303,977	1,275	1,044
21	Narrow fabrics, laces, etc.....	39	222	194	983,141	722	1,254
22	Oiled and waterproofed clothing.....	13	59	30	236,748	156	348
23	Silk and artificial silk.....	32	647	465	2,867,044	5,829	4,374
24	Woollen cloth.....	75	429	305	2,001,321	4,016	3,611
25	Woollen goods, miscellaneous.....	36	135	88	747,531	1,349	453
26	Woollen yarn.....	42	184	125	647,653	1,263	1,819
27	All other industries.....	2	4	2	14,017	28	69
Totals, Textiles and Products.....		2,481	10,924	6,851	44,529,327	51,284	84,063
4.—Wood and Paper Products—							
1	Beekeepers' and poultrymen's supplies.....	10	14	11	32,162	44	2
2	Blueprinting.....	23	31	18	103,131	94	32
3	Boat building.....	113	144	39	286,292	850	63
4	Boxes and bags, paper.....	153	814	567	3,320,428	4,018	4,970
5	Boxes, wooden.....	165	390	147	991,449	4,568	767
6	Carriages, wagons and sleighs.....	55	72	13	101,916	268	1
7	Coffins and caskets.....	53	134	42	370,346	788	165
8	Cooperage.....	66	82	33	188,500	732	32
9	Engraving, stereotyping and electrotyping.....	105	490	256	1,874,460	1,587	661
10	Excelsior.....	10	12	9	30,850	95	26
11	Flooring, hardwood.....	22	85	44	280,540	1,060	65
12	Furniture.....	472	1,278	519	3,853,790	10,475	1,774
13	Lasts, trees and shoe findings.....	17	59	42	173,211	387	231
14	Lithographing.....	43	383	261	1,728,449	1,475	927
15	Miscellaneous paper products.....	173	823	549	3,364,471	2,698	2,685
16	Miscellaneous wooden products.....	224	366	171	987,499	2,258	1,003
17	Planing mills, sash and door factories.....	836	1,462	424	3,218,535	9,012	461
18	Printing and bookbinding.....	1,322	2,764	1,256	7,879,636	7,168	4,454
19	Printing and publishing.....	766	5,593	3,313	16,007,556	7,638	1,784
20	Pulp and paper.....	104	3,948	1,540	15,617,507	31,148	1,260
21	Refrigerators.....	14	31	14	85,185	232	23
22	Roofing paper, etc.....	22	236	146	895,149	772	177
23	Sawmills.....	5,506	6,962	537	7,123,598	35,053	964
24	Trade composition.....	36	65	36	215,123	266	12
25	Veneer and plywood.....	31	217	117	815,807	2,748	1,446
26	Woodenware.....	18	34	15	79,478	548	186
27	Wood turning.....	64	128	49	297,990	1,044	259
28	All other industries.....	29	127	71	624,482	1,091	144
Totals, Wood and Paper Products.....		10,452	26,744	10,239	70,547,540	128,117	24,574
5.—Iron and its Products—							
1	Agricultural implements.....	39	1,280	726	4,237,401	10,222	1,825
2	Aircraft.....	45	8,402	5,571	29,957,380	48,391	17,208
3	Automobiles.....	5	2,112	1,221	8,893,269	18,869	297
4	Automobile supplies.....	104	1,437	1,013	5,638,778	13,808	4,108
5	Bicycles.....	8	78	37	237,997	450	101
6	B oilers, tanks and plate work.....	37	682	291	2,350,802	3,686	148
7	Bridge and structural steel.....	22	861	354	3,430,862	7,223	346
8	Castings, iron.....	196	1,015	562	3,722,871	13,317	665
9	Hardware, tools and cutlery.....	242	1,290	1,066	5,637,301	10,898	3,105
10	Heating and cooking apparatus.....	71	594	338	1,998,445	5,028	470
11	Iron and steel products, miscellaneous.....	170	3,247	2,019	12,214,208	22,752	8,945
12	Machinery.....	258	3,297	2,008	11,894,182	19,084	2,303
13	Machine shops.....	522	1,132	444	3,878,029	5,840	592
14	Primary iron and steel.....	64	1,556	1,008	6,408,337	27,055	1,144

Materials, and Values of Products of Canadian Manufacturing Industries, 1944—con.

Wages	Total Employees	Total Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Value of Products	
Wages					Net	Gross
\$	No.	\$	\$	\$	\$	\$
1,518,020	1,686	2,070,598	43,357	6,553,083	3,277,509	9,873,949
1,261,383	1,487	1,762,483	59,836	22,075,033	4,464,136	26,599,005
439,744	362	590,475	46,256	1,829,970	1,052,133	2,928,359
1,209,949	1,058	1,675,993	118,271	2,472,925	2,688,746	5,279,942
25,756,908	27,016	35,367,534	444,985	78,316,230	59,295,540	138,056,755
24,952,153	25,810	34,669,358	311,086	72,815,459	60,839,942	133,966,487
2,937,049	3,050	3,379,894	64,153	207,126	3,975,205	4,246,484
1,117,275	1,209	1,334,235	15,713	57,088	1,764,762	1,837,563
2,240,861	1,741	2,637,162	159,897	8,010,081	5,422,835	13,592,813
1,423,365	2,350	2,451,216	29,120	2,965,290	4,962,771	7,957,181
446,101	468	728,153	59,718	4,110,519	1,460,794	5,631,031
1,383,852	1,863	2,005,786	42,382	5,373,811	3,500,855	8,917,048
692,579	905	1,094,570	92,372	3,381,739	2,401,984	5,876,095
24,769,524	21,900	27,865,543	3,159,409	66,948,167	46,599,735	116,707,311
1,717,603	1,667	2,516,012	547,036	1,266,430	5,137,881	6,951,347
822,733	928	946,580	87,709	-	2,859,982	2,947,691
475,364	634	610,007	11,885	1,067,573	1,021,980	2,101,438
4,807,372	5,123	6,949,426	166,971	10,768,833	10,731,478	21,667,282
20,490,572	22,939	25,535,277	1,203,000	39,132,779	43,882,156	84,217,935
3,329,227	2,746	4,633,204	322,126	13,964,166	13,638,748	27,925,040
2,019,854	2,392	3,002,995	107,001	6,129,892	6,529,605	12,766,498
591,751	593	828,499	23,483	2,321,635	1,369,413	3,714,531
12,096,545	11,315	14,963,589	1,879,722	19,824,898	30,662,737	52,367,357
9,062,103	8,361	11,063,424	1,007,676	27,212,376	19,419,427	47,639,479
2,380,588	2,025	3,128,119	260,230	10,329,914	6,443,939	17,034,083
3,244,484	3,391	3,892,137	327,433	12,436,752	7,553,934	20,318,119
89,395	103	103,412	5,731	416,873	228,261	650,865
151,276,354	153,122	195,805,681	10,596,558	419,988,642	351,186,488	781,771,688
41,796	71	73,958	7,225	114,724	299,669	421,618
138,503	175	241,634	11,860	189,728	535,693	737,281
1,249,762	1,096	1,536,054	44,891	1,703,739	2,248,485	3,997,115
9,639,179	10,369	12,959,607	468,991	31,495,057	24,505,466	56,469,514
6,217,723	5,872	7,209,172	258,198	13,239,614	12,465,893	25,963,705
345,004	354	446,920	29,370	511,469	667,036	1,207,875
1,049,217	1,129	1,419,563	65,754	1,723,976	2,421,304	4,211,034
1,009,988	879	1,198,488	63,985	2,955,742	2,087,413	5,107,140
4,390,130	2,994	6,264,590	135,846	2,124,682	9,305,010	11,565,538
123,667	142	154,517	18,671	188,482	256,268	463,421
1,385,648	1,254	1,666,188	92,655	4,061,083	2,781,813	6,935,551
15,727,038	14,046	19,580,828	764,261	20,871,540	29,660,773	51,296,574
626,764	719	799,975	34,444	772,837	1,223,293	2,030,574
3,452,431	3,046	5,180,880	109,022	6,467,020	8,977,503	15,553,545
6,342,441	6,755	9,706,912	492,980	28,541,602	23,039,717	52,074,299
3,794,698	3,798	4,782,197	177,439	5,454,923	7,299,198	12,931,560
11,640,083	11,359	14,858,618	717,495	31,777,429	23,088,337	55,583,261
14,946,082	15,642	22,825,718	613,986	21,010,700	35,298,119	56,922,805
15,614,098	18,328	31,621,654	906,058	17,455,960	63,588,253	81,950,271
60,215,901	37,896	75,833,408	37,358,842	157,995,141	174,492,103	369,846,086
335,302	300	420,487	15,635	447,177	650,966	1,113,778
1,339,567	1,331	2,234,716	324,693	6,942,147	6,536,901	13,803,741
44,392,487	43,516	51,516,085	1,860,648	118,167,020	96,528,955	216,556,623
485,559	379	700,682	18,976	93,156	1,050,742	1,162,874
5,668,343	4,528	6,484,150	311,916	10,407,506	14,027,773	24,747,195
706,560	783	786,038	16,970	563,101	892,294	1,472,365
1,276,200	1,480	1,574,190	66,358	1,682,653	2,256,697	4,005,708
1,734,848	1,433	2,359,330	255,509	10,697,950	4,641,312	15,594,771
213,889,019	189,674	284,436,559	45,242,678	497,656,158	550,826,986	1,093,725,822
21,231,682	14,053	25,469,083	1,086,700	25,165,749	34,846,344	61,098,793
131,097,630	79,572	161,055,010	2,593,792	137,734,065	286,653,701	426,981,558
44,986,713	22,499	53,879,982	2,327,165	234,578,288	87,185,302	324,090,755
33,032,952	20,366	38,671,730	2,171,569	84,155,653	73,868,168	160,195,930
992,812	675	1,230,809	78,271	1,137,323	1,748,595	2,964,189
7,237,675	4,807	9,588,477	538,193	13,205,452	18,523,527	32,267,172
15,979,043	8,784	19,409,905	878,640	23,936,307	33,594,799	58,409,746
25,229,250	15,559	28,952,121	2,468,459	27,810,836	43,688,126	73,967,421
24,153,375	16,359	29,790,676	1,401,587	20,610,853	56,847,740	78,860,180
8,609,633	6,430	10,608,078	533,021	9,371,197	17,249,861	27,154,079
62,862,667	36,963	75,076,875	3,015,914	126,539,119	126,852,257	256,407,290
38,558,387	26,692	50,452,569	1,723,381	50,665,344	95,131,051	147,519,776
11,139,054	8,008	14,517,083	429,140	6,339,479	23,153,381	29,922,000
54,428,694	30,763	60,837,031	17,276,424	92,214,866	103,018,391	212,509,681

9.—Statistics of the Establishments, Employees, Salaries and Wages, Power, Fuel,

	Industry and Group	Estab- lish- ments	Employees on Salary			Employees on	
			Male	Female	Salaries	Male	Female
		No.	No.	No.	\$	No.	No.
5.—Iron and Its Products—concluded							
15	Railway rolling-stock.....	37	1,786	373	5,583,224	27,293	459
16	Sheet metal products.....	194	1,321	832	4,790,036	10,533	4,166
17	Shipbuilding and repairs.....	94	3,167	1,452	10,626,142	59,960	2,497
18	Wire and wire goods.....	84	488	342	2,083,819	4,329	1,416
	Totals, Iron and Its Products.	2,192	33,745	19,657	123,083,083	308,747	49,795
6.—Non-ferrous Metal Products—							
1	Aluminum products.....	21	462	273	1,819,397	3,656	1,170
2	Brass and copper products.....	162	1,295	822	5,235,981	12,169	3,347
3	Electrical apparatus and supplies.....	234	5,691	3,828	21,442,886	21,903	17,412
4	Jewellery, silverware, etc.....	139	420	350	1,809,154	2,172	1,644
5	Miscellaneous non-ferrous metal products.....	22	90	91	413,894	430	251
6	Non-ferrous metal smelting and refining.....	16	2,445	926	7,816,181	19,550	1,006
7	White metal alloys.....	41	240	179	958,844	1,420	1,072
	Totals, Non-ferrous Metal Products.	635	10,643	6,469	39,496,337	61,300	25,902
7.—Non-Metallic Mineral Products—							
1	Abrasive products.....	15	233	185	1,131,044	2,135	220
2	Asbestos products.....	13	102	41	311,077	636	147
3	Cement.....	8	76	16	229,490	1,066	49
4	Cement products.....	149	211	55	492,041	913	16
5	Clay products from domestic clay.....	110	195	58	594,282	1,786	208
6	Clay products from imported clay.....	24	111	64	405,183	782	284
7	Coke and gas products.....	34	820	382	2,392,267	3,472	73
8	Glass products.....	90	353	212	1,295,192	3,246	1,713
9	Gypsum products.....	9	50	18	134,424	462	39
10	Lime.....	42	80	22	178,802	713	—
11	Miscellaneous non-metallic mineral products.....	52	200	92	642,254	1,456	179
12	Petroleum products.....	48	1,122	317	3,330,988	5,177	193
13	Salt.....	9	87	59	397,113	504	60
14	Sand-lime brick.....	3	9	1	26,324	35	1
15	Stone, monumental and ornamental.....	142	191	38	398,390	581	44
	Totals, Non-metallic Mineral Products.	748	3,840	1,560	12,458,871	22,964	3,226
8.—Chemicals and Allied Products—							
1	Acids, alkalis and salts.....	37	1,031	415	3,604,323	6,026	492
2	Adhesives.....	24	115	57	409,140	401	58
3	Coal tar distillation.....	10	68	18	230,366	273	19
4	Fertilizers.....	26	282	147	1,103,414	1,666	131
5	Gases, compressed.....	40	196	215	760,286	598	16
6	Inks, printing and writing.....	31	162	80	738,354	293	81
7	Medicinal and pharmaceutical preparations..	201	1,433	1,215	6,204,314	1,940	3,012
8	Miscellaneous chemical products.....	228	3,153	2,298	12,017,726	25,134	19,852
9	Paints, pigments and varnishes.....	97	1,129	687	4,351,329	2,446	559
10	Polishes and dressings.....	51	148	100	498,549	231	285
11	Soaps, washing compounds, etc.....	138	677	371	2,475,961	1,405	543
12	Toilet preparations.....	93	338	363	1,656,224	359	1,036
13	Wood distillation.....	5	10	5	30,101	273	—
	Totals, Chemicals and Allied Products.	981	8,742	5,971	34,080,087	41,045	26,064
9.—Miscellaneous Industries—							
1	Artificial flowers and feathers.....	28	57	37	173,984	68	502
2	Automobile accessories, fabric.....	9	76	33	304,442	162	276
3	Brooms, brushes and mops.....	86	292	152	940,824	1,011	709
4	Buttons.....	20	101	38	375,487	401	356
5	Candles.....	12	43	26	142,898	93	71
6	Fountain pens and pencils.....	11	117	104	528,396	264	454
7	Ice, artificial.....	53	91	45	234,354	641	14
8	Jewellery cases and silverware cabinets.....	4	16	18	71,154	71	122
9	Lamps, electric, and lamp shades.....	24	49	25	167,113	168	261
10	Mattresses and springs.....	76	293	149	1,180,805	1,821	648
11	Miscellaneous, including carpet sweepers.....	5	5	3	14,732	30	28
12	Motion pictures.....	5	328	268	1,223,815	64	38
13	Musical instruments.....	23	97	40	250,889	583	45
14	Pipes, tobacco.....	5	7	—	10,347	30	6
15	Regalia and society emblems.....	12	17	9	37,605	19	33
16	Scientific and professional equipment.....	48	1,546	971	5,648,077	4,497	2,830
17	Signs, electric, neon and other.....	30	92	50	300,655	290	19
18	Sporting goods.....	35	118	65	359,933	466	283
19	Stamps and stencils, rubber and metal.....	43	90	51	268,134	174	32
20	Statuary, art goods and novelties.....	63	99	41	277,779	205	377
21	Store display accessories.....	8	15	6	39,019	40	20
22	Toys.....	51	94	49	275,275	343	744
23	Typewriter supplies.....	8	57	33	254,710	136	73
24	Umbrellas.....	6	20	13	68,492	16	62
	Totals, Miscellaneous Industries.	665	3,720	2,226	13,148,899	11,593	8,903
	Grand Totals, All Industries.	28,483	126,858	65,700	418,065,594	744,635	285,689

Materials, and Values of Products of Canadian Manufacturing Industries, 1944—con.

Wages	Total Employees	Total Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Value of Products		
Wages					Net	Gross	
\$	No.	\$	\$	\$	\$	\$	
55,771,990	29,911	61,355,214	3,861,080	78,432,377	85,513,150	167,806,607	15
22,350,937	16,852	27,140,973	1,277,564	57,624,118	51,027,176	109,928,858	16
128,341,104	67,076	138,967,246	3,610,913	101,056,440	224,632,290	329,299,643	17
9,365,773	6,575	11,449,592	934,152	13,506,456	27,169,228	41,609,836	18
695,369,371	411,944	818,452,454	46,205,965	1,104,083,922	1,390,703,087	2,540,992,974	19
8,099,449	5,561	9,918,846	864,883	14,096,430	16,724,821	31,686,134	1
28,254,373	17,633	33,490,354	2,734,387	72,460,196	74,656,771	149,851,354	2
60,861,574	48,834	82,304,460	2,488,432	120,413,034	160,169,974	283,071,440	3
5,215,492	4,586	7,024,646	173,081	13,650,416	12,840,590	26,664,087	4
909,753	862	1,323,647	45,058	1,770,096	3,747,287	5,562,441	5
36,720,810	23,927	44,536,991	36,907,623	313,996,140	123,303,038	474,206,801	6
3,351,504	2,911	4,310,348	316,930	12,930,750	8,056,038	21,303,718	7
143,412,955	104,314	182,909,292	43,530,394	549,317,062	399,498,519	992,345,975	8
4,379,986	2,773	5,511,030	2,580,192	9,926,243	17,558,678	30,065,113	1
1,094,157	926	1,405,234	198,385	2,281,287	2,280,913	4,760,585	2
2,025,285	1,207	2,254,775	3,197,955	2,566,432	6,882,354	12,646,741	3
1,254,283	1,195	1,746,324	273,456	3,029,635	3,255,372	6,558,463	4
2,582,522	2,247	3,176,804	1,357,313	161,189	5,478,923	6,997,425	5
1,414,124	1,241	1,819,307	310,155	979,998	3,134,412	4,424,565	6
6,548,346	4,747	8,940,613	6,478,811	37,809,253	25,287,651	69,575,715	7
7,138,193	5,524	8,433,385	1,807,152	9,931,251	15,687,258	27,425,661	8
721,837	569	856,261	297,606	2,659,683	2,120,188	5,077,477	9
1,235,624	815	1,414,426	1,752,723	293,827	5,005,235	7,051,785	10
2,799,451	1,927	3,441,705	939,612	8,940,232	11,889,972	21,769,816	11
10,486,951	6,809	14,317,939	9,002,567	153,558,664	47,986,185	210,547,416	12
905,030	710	1,302,143	652,126	846,298	3,287,660	4,786,084	13
57,806	46	84,130	20,729	59,609	131,265	211,603	14
1,027,872	854	1,426,262	160,725	1,670,718	2,538,987	4,370,430	15
43,671,467	31,590	56,130,338	29,029,507	234,714,319	152,525,053	416,268,879	16
12,148,459	7,964	15,752,782	8,980,955	29,540,390	42,801,806	81,323,151	1
713,989	631	1,123,129	232,435	3,139,664	2,254,793	5,626,892	2
502,162	378	732,528	336,971	3,324,047	2,036,126	5,697,144	3
3,507,006	2,226	4,610,420	1,162,992	17,690,683	12,335,270	31,188,945	4
1,094,225	1,025	1,854,511	350,668	1,193,038	7,389,501	8,933,207	5
564,766	616	1,303,120	46,471	2,019,380	2,674,210	4,740,061	6
5,563,698	7,600	11,768,012	369,542	22,535,718	32,734,321	55,639,581	7
69,991,103	50,437	82,008,829	4,942,592	227,608,024	198,943,420	431,494,036	8
4,311,028	4,821	8,662,357	521,600	24,789,289	23,796,543	49,107,432	9
537,455	744	1,036,004	32,259	4,033,211	3,293,049	7,358,519	10
2,878,181	2,996	5,354,142	604,910	17,497,145	15,018,466	33,120,521	11
1,142,186	2,096	2,798,410	69,300	6,126,860	11,615,561	17,811,721	12
388,632	288	418,733	245,190	915,300	367,532	1,528,022	13
103,342,890	81,822	137,422,977	17,895,885	360,412,749	355,260,598	733,569,232	14
478,241	664	652,225	7,502	628,856	1,147,599	1,783,957	1
627,536	547	931,978	26,164	4,828,825	1,556,768	6,411,757	2
1,881,801	2,164	2,822,625	83,136	3,973,756	4,940,514	8,997,406	3
883,959	896	1,259,446	60,398	1,280,740	2,096,745	3,437,833	4
149,822	233	292,720	19,289	560,633	729,568	1,309,490	5
720,746	939	1,249,142	31,994	2,068,838	2,738,259	4,839,091	6
948,756	791	1,183,090	292,602	145,542	3,001,230	3,439,374	7
208,477	227	279,631	7,396	234,558	442,122	684,076	8
382,879	503	549,992	15,419	712,114	1,011,584	1,739,117	9
3,256,921	2,911	4,437,726	186,230	9,924,830	7,836,756	17,947,816	10
45,561	66	60,293	2,833	82,276	86,817	171,926	11
181,724	698	1,405,539	10,845	1,014,529	2,136,616	3,161,990	12
772,419	765	1,023,308	68,741	765,218	1,402,358	2,236,317	13
32,867	43	43,214	1,819	20,095	58,707	80,621	14
44,345	78	81,950	1,231	109,075	156,566	266,872	15
14,086,226	9,844	19,734,303	363,257	34,592,256	43,578,970	78,534,483	16
511,957	451	812,612	63,802	278,708	1,718,323	2,060,833	17
865,112	932	1,225,045	44,618	1,711,292	3,657,123	5,413,033	18
277,286	347	545,420	12,668	207,284	880,264	1,100,216	19
498,126	722	775,905	13,430	788,560	1,159,063	1,961,053	20
58,379	81	97,398	3,327	83,647	160,958	247,932	21
877,769	1,230	1,153,044	24,168	1,643,253	2,288,377	3,955,798	22
291,485	299	546,195	15,196	1,083,254	1,064,961	2,163,411	23
73,439	111	141,931	1,365	229,368	308,820	539,553	24
28,155,833	25,542	41,304,732	1,357,430	66,967,507	84,159,068	152,484,005	25
1,611,555,776	1,222,882	2,029,621,370	225,583,153	4,832,333,356	4,015,776,010	9,073,692,519	26

Subsection 2—Manufactures Classified by the Purpose of the Products

Significant changes have occurred since 1922 in the importance of the various groups shown in the purpose classification. On the basis of percentage to gross value of production, the most striking change is in the food group which showed a substantial decline from 28.2 p.c. of the total in 1922 to 22.6 p.c. in 1939 and 18.8 p.c. in 1944. The producer materials group, which took the lead from the food group in 1923, showed a steady increase up to 1939, since when it has remained at about 30 p.c. of the total. Due to the production of war equipment, vehicles and vessels increased from 7.7 p.c. in 1939 to 15.7 p.c. in 1944 and industrial equipment from 15.2 p.c. to 16.7 p.c. The other groups with the exception of "miscellaneous" showed slight declines during the war years.

10.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups, Significant Years 1922-44 and in Detail for 1941.

Year and Purpose Heading	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1922						
Food.....	8,256	343,867,673	66,815	67,738,707	490,731,438	673,794,031
Drink and tobacco.....	496	104,047,461	13,402	13,777,986	33,027,203	99,529,819
Clothing.....	659	166,336,319	63,441	59,056,687	117,015,780	221,903,467
Personal utilities.....	936	56,060,262	16,904	17,080,049	21,879,031	57,255,476
House furnishings.....	600	75,168,053	18,032	19,861,883	24,956,960	62,961,050
Books and stationery.....	1,557	82,240,691	28,103	36,920,804	27,190,071	99,118,969
Vehicles and vessels.....	1,154	191,257,804	30,067	37,237,412	87,840,814	160,624,079
Producers materials.....	5,588	1,086,692,015	143,354	147,581,011	316,400,400	666,241,271
Industrial equipment.....	1,740	556,862,578	75,269	89,081,303	160,035,399	338,882,958
Miscellaneous.....	30	4,960,434	869	1,061,388	2,964,354	4,916,418
Totals, 1922.....	21,016	2,667,493,290	456,256	489,397,230	1,282,041,450¹	2,385,230,538¹
1929						
Food.....	8,351	463,984,558	94,707	87,960,036	597,396,238	837,986,384
Drink and tobacco.....	599	201,365,785	18,976	21,670,376	65,440,053	208,968,998
Clothing.....	1,680	223,376,104	93,935	88,914,849	172,726,557	336,452,685
Personal utilities.....	380	56,155,234	11,148	13,595,331	29,389,246	61,191,750
House furnishings.....	600	76,185,921	20,857	23,248,775	34,293,465	77,811,331
Books and stationery.....	1,917	144,222,275	38,141	56,003,183	45,384,362	155,947,960
Vehicles and vessels.....	781	310,942,038	61,835	91,239,185	243,258,350	407,947,648
Producers materials.....	6,227	1,776,758,115	223,071	258,255,079	524,193,104	1,154,908,260
Industrial equipment.....	1,576	719,112,914	99,922	131,820,142	304,581,449	614,827,756
Miscellaneous.....	105	32,789,065	3,939	4,584,261	13,007,989	27,403,344
Totals, 1929.....	22,216	4,004,892,009	666,531	777,291,217	2,029,670,813	3,883,446,116
1933						
Food.....	8,759	408,995,499	75,434	68,652,798	313,760,942	492,729,174
Drink and tobacco.....	670	185,612,678	18,289	17,626,141	40,454,300	98,409,638
Clothing.....	1,922	143,382,092	75,363	56,001,234	103,209,050	194,627,734
Personal utilities.....	601	39,681,900	8,938	8,616,372	15,323,848	35,589,961
House furnishings.....	654	66,047,002	15,587	12,887,200	16,022,584	38,684,649
Books and stationery.....	2,170	132,507,101	34,300	42,830,661	28,818,380	103,477,707
Vehicles and vessels.....	479	232,153,543	37,618	35,725,625	56,917,292	120,992,781
Producers materials.....	6,564	1,459,569,284	139,734	126,208,238	252,383,212	573,991,467
Industrial equipment.....	1,819	588,147,285	60,061	64,155,426	133,382,392	277,075,032
Miscellaneous.....	142	23,163,454	3,334	3,544,129	7,516,826	18,497,642
Totals, 1933.....	23,780	3,279,259,838	468,658	436,247,824	967,788,928	1,954,075,785

¹ For the year 1922 the figures for "Cost of Materials" and "Gross Value of Products" include the value placed on intermediate products used in further processes in the chemical group of industries. For this reason these figures differ slightly from those contained in the other tables of this report.

10.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups, Significant Years 1922-44 and in Detail for 1944—continued

Year and Purpose Heading	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1937						
Food.....	8,696	441,611,585	96,740	94,656,930	558,118,480	792,271,852
Drink and tobacco.....	668	187,487,631	21,646	24,398,981	68,935,399	152,152,105
Clothing.....	2,158	173,474,299	95,274	79,547,935	148,901,374	271,690,917
Personal utilities.....	634	43,476,516	12,420	12,729,626	28,185,411	55,289,473
House furnishings.....	800	89,293,123	27,446	27,169,931	41,836,387	90,102,397
Books and stationery.....	2,349	137,392,420	40,348	53,453,842	44,257,314	138,673,644
Vehicles and vessels.....	376	248,949,257	55,141	71,890,706	186,070,917	319,280,534
Producers materials.....	6,892	1,482,194,043	208,930	232,733,013	634,232,482	1,221,670,588
Industrial equipment.....	2,086	629,908,231	97,250	119,070,287	280,546,886	551,891,976
Miscellaneous.....	175	31,440,726	5,256	6,075,786	15,842,137	32,436,014
Totals, 1937.....	24,834	3,465,227,831	660,451	721,727,037	2,006,926,787	3,625,459,500
1939						
Food.....	8,529	451,298,489	99,983	101,904,518	526,619,353	784,072,722
Drink and tobacco.....	657	190,313,279	23,489	27,051,038	74,295,571	164,812,439
Clothing.....	2,178	187,495,826	97,220	83,762,588	146,201,614	275,567,762
Personal utilities.....	623	46,866,657	12,623	13,771,704	26,408,179	57,043,684
House furnishings.....	767	93,773,837	27,647	28,417,336	40,528,394	88,800,804
Books and stationery.....	2,452	143,293,147	41,804	56,466,921	47,916,777	144,288,052
Vehicles and vessels.....	364	269,734,181	54,673	72,238,590	141,704,269	266,089,493
Producers materials.....	7,095	1,580,602,852	201,849	229,381,185	559,816,486	1,130,510,177
Industrial equipment.....	1,957	650,305,878	93,235	117,754,260	257,416,596	528,678,421
Miscellaneous.....	183	33,340,303	5,591	7,063,013	15,252,136	34,919,974
Totals, 1939.....	24,805	3,647,024,449	658,114	737,811,153	1,836,159,375	3,474,783,528
1943						
Food.....	8,421	592,585,732	123,531	159,966,391	1,094,856,728	1,464,737,993
Drink and tobacco.....	647	242,927,173	28,044	40,435,534	99,602,633	238,506,471
Clothing.....	2,592	244,217,485	119,715	141,914,240	292,357,250	523,922,505
Personal utilities.....	730	68,356,782	18,059	24,516,425	50,345,687	104,512,562
House furnishings.....	881	121,791,799	38,472	54,067,442	80,661,310	178,461,622
Books and stationery.....	2,476	159,733,494	45,647	71,581,405	72,022,230	204,779,758
Vehicles and vessels.....	385	816,203,889	217,970	425,756,663	587,491,411	1,272,121,963
Producers materials.....	8,554	2,503,815,480	361,570	582,769,064	1,449,892,836	2,748,227,057
Industrial equipment.....	2,724	1,051,234,389	223,783	387,609,582	707,744,312	1,492,541,620
Miscellaneous.....	242	516,300,504	64,277	98,675,638	255,518,686	505,049,448
Totals, 1943.....	27,652	6,317,166,727	1,241,068	1,987,292,384	4,690,493,083	8,732,860,999
1944						
Food.....	8,435	.....	136,747	183,795,031	1,271,356,037	1,702,330,839
Drink and tobacco.....	635	.....	23,566	44,140,376	118,406,602	281,731,695
Clothing.....	2,713	.....	117,056	146,623,855	284,018,437	529,230,834
Personal utilities.....	758	.....	15,922	26,130,083	54,417,448	115,502,040
House furnishings.....	908	.....	38,940	58,426,100	83,231,172	187,175,054
Books and stationery.....	2,468	.....	47,319	76,542,070	75,882,848	219,966,613
Vehicles and vessels.....	413	.....	222,604	454,449,952	637,341,539	1,425,858,778
Producers materials.....	8,990	.....	343,035	567,699,762	1,369,160,212	2,646,303,770
Industrial equipment.....	2,889	.....	216,279	385,434,071	697,897,961	1,512,623,216
Miscellaneous.....	274	.....	53,414	86,379,470	240,621,050	452,969,680
Totals, 1944.....	28,483	1	1,222,882	2,029,621,370	4,832,333,356	9,073,692,519

¹ Not collected in 1944.

10.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups, Significant Years 1922-44 and in Detail for 1944—concluded

Year and Purpose Heading	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1944—DETAIL						
Food	8,435	136,747	183,795,031	1,271,356,037	408,862,849	1,702,330,839
Breadstuffs.....	4,287	51,139	66,417,828	307,841,619	142,471,000	458,155,998
Fish.....	535	9,664	10,327,695	45,906,542	22,066,801	68,882,979
Fruit and vegetable pre- parations.....	458	15,368	16,411,988	63,223,982	42,302,840	107,335,254
Meats.....	226	24,349	39,336,208	461,804,219	82,877,140	547,560,545
Milk products.....	2,418	21,677	29,516,005	209,889,807	59,280,875	273,998,131
Oils and fats.....	8	117	216,711	538,711	410,974	1,015,317
Sugar.....	11	2,590	4,576,060	48,033,547	14,364,944	63,874,868
Miscellaneous.....	492	11,843	16,992,536	134,117,610	45,088,275	181,507,847
Drink and Tobacco	635	28,566	44,140,376	118,406,602	159,387,626	281,731,695
Beverages, alcoholic.....	78	10,305	19,565,573	38,554,779	87,912,695	129,211,351
Beverages, non-alcoholic.....	475	6,481	10,033,946	19,742,497	32,961,862	53,547,792
Tobacco.....	82	11,780	14,540,857	60,109,326	38,513,069	98,972,552
Clothing	2,713	117,056	146,623,855	284,018,437	242,324,720	529,230,834
Boots and shoes, leather.....	228	18,638	22,636,194	42,657,644	33,247,109	76,297,886
Fur goods.....	535	6,190	9,430,191	28,076,572	15,728,926	43,985,177
Garments and personal furnishings.....	1,461	59,435	77,202,237	154,361,193	130,838,220	286,064,470
Gloves and mittens.....	83	3,474	3,389,806	6,070,925	5,879,819	11,499,596
Hats and caps.....	193	5,787	7,601,651	11,397,689	11,879,077	23,451,239
Knitted goods.....	200	22,989	25,535,277	39,132,779	43,882,156	84,217,935
Waterproofs.....	13	593	828,499	2,321,635	1,869,413	3,714,531
Personal Utilities	758	18,922	26,130,683	54,417,448	59,949,718	115,502,040
Jewellery and time-pieces.....	143	4,813	7,304,277	13,884,974	13,282,712	27,348,163
Recreational supplies.....	109	2,927	3,401,397	4,119,763	7,347,658	11,605,143
Personal utilities.....	506	11,182	15,425,009	36,412,711	39,319,148	76,548,729
House Furnishings	908	38,940	58,426,100	83,231,172	100,932,323	187,175,054
Books and Stationery	2,468	47,319	76,542,070	75,882,848	141,795,037	219,966,613
Vehicles and Vessels	413	222,604	454,449,952	637,341,589	771,461,866	1,425,858,778
Producers' Materials	8,990	343,035	567,699,762	1,369,160,212	1,142,646,292	2,646,303,770
Farm material.....	26	2,226	4,610,420	17,690,683	12,335,270	31,188,945
Manufacturers materials.....	1,244	202,766	355,265,438	925,635,866	743,755,333	1,785,424,710
Building materials.....	7,204	113,770	176,106,257	345,948,484	327,089,255	687,661,669
General materials.....	516	24,273	31,717,652	79,885,179	59,466,434	142,028,446
Industrial Equipment	2,889	216,279	385,434,071	697,897,961	781,329,304	1,512,623,216
Farming equipment.....	49	14,124	25,543,041	25,280,473	35,146,013	61,520,411
Manufacturing equipment.....	275	27,411	51,252,544	51,438,181	96,354,344	149,550,350
Trucking equipment.....	142	1,969	3,184,715	1,798,435	6,825,736	9,011,766
Service equipment.....	370	19,993	35,103,322	60,655,039	82,030,274	143,508,141
Light, heat and power equipment.....	376	65,530	115,632,169	326,180,193	252,771,276	597,478,469
General equipment.....	1,677	87,252	154,718,280	232,545,640	308,201,661	551,554,079
Miscellaneous	274	53,414	86,379,470	240,621,050	207,086,275	452,969,680

Table 11 has been included in order to give the amount and value of each of the principal commodities produced by the manufacturing industries of Canada. The list is not intended to be complete since a large number of commodities are produced in such small quantities that it would extend the table considerably without adding proportionately to its value to include them. The commodities listed, however, cover approximately 75 p.c. of total production. For a complete list of products, see Appendix II of this report.

11.—Quantities and Values of the Principal Commodities Produced by the Manufacturing Industries of Canada, Grouped by Purpose, 1944

	Unit of Measure	Quantity	Value
			\$
Food—			
Biscuits, all kinds.....	ton	75,146	25,154,523
Bread, pies, cakes, etc.....	—	—	114,739,532
Butter, factory made.....	lb.	301,433,189	102,384,153
Cheese, factory made.....	—	222,542,929	48,561,153
Confectionery, all kinds.....	—	—	43,379,685
Cream, sold in dairy factories.....	lb.	20,496,922	14,832,551
Feed, chopped grain.....	ton	1,410,444	51,218,321
Fish, canned and otherwise prepared.....	—	—	43,703,973
Flour, wheat.....	bbl.	24,474,278	132,627,350
Feeds, stock, poultry, etc.....	—	1,223,890	60,593,594
Fruits and vegetables, canned.....	lb.	466,180,326	33,938,349
Ice cream, factory made.....	gal.	15,396,107	18,686,399
Jams, jellies and marmalades.....	lb.	106,885,898	13,228,524
Lard.....	—	116,870,812	15,044,446
Meats, cured.....	—	885,650,250	208,601,543
Meats, sold fresh.....	—	1,332,085,292	207,414,293
Milk, sold in factories.....	gal.	116,498,904	47,413,469
Milk, evaporated and condensed.....	lb.	212,609,952	17,859,834
Pickles, sauces and catsup.....	—	—	8,756,382
Powders, edible.....	lb.	103,172,876	42,934,545
Sausage, fresh and cured.....	—	124,009,622	23,411,460
Shortening.....	—	105,121,206	15,432,589
Soup, canned.....	—	124,899,365	14,758,148
Sugar, granulated (cane and beet).....	—	876,072,730	53,636,229
Tea and coffee, prepared.....	—	84,987,320	41,273,842
Drink and Tobacco¹—			
Aerated waters.....	gal.	64,238,831	40,746,221
Beer, ale, stout and porter.....	—	113,396,351	136,673,351
Cigarettes.....	M	15,484,605	171,001,575
Cigars.....	—	198,512	10,470,972
Spirits, potable, sold.....	Pr gal.	6,347,403	31,615,382
Tobacco, chewing, smoking and snuff.....	lb.	28,029,549	41,665,477
Tobacco, raw leaf, processed.....	—	71,363,712	27,413,084
Wine, sold.....	gal.	3,735,095	6,138,229
Clothing—			
Coats and overcoats, men's, boys' and women's.....	No.	2,553,836	71,522,237
Dresses, women's and misses'.....	—	12,042,997	43,375,162
Footwear, leather.....	pr.	30,309,695	71,881,119
Footwear, rubber.....	—	14,060,897	17,762,701
Hats and caps, men's and boys'.....	doz.	206,352	5,182,655
Hats, women's.....	—	463,164	8,778,944
Hosiery, all kinds.....	—	8,446,205	35,054,174
Shirts, fine and work.....	—	1,461,328	17,849,536
Suits, men's and boys'.....	No.	1,652,697	28,436,643
Suits, women's and misses'.....	—	572,133	7,686,072
Underwear.....	doz.	3,534,720	21,388,210
Uniforms, woollen.....	No.	1,914,306	16,152,617
Personal Utilities—			
Bags, leather.....	—	—	6,940,570
Jewellery.....	—	—	8,728,689
Pianos, organs and parts.....	—	—	1,035,993
Plated ware, all kinds.....	—	—	4,091,043
Radio sets and accessories ²	—	—	16,172,887
Soap.....	—	—	26,956,467
Sporting goods.....	—	—	3,189,314
Toilet preparations and perfumes.....	—	—	14,001,061
Toys and games.....	—	—	6,729,485
House Furnishings—			
Blankets, all kinds.....	lb.	10,324,436	8,189,993
Brooms and brushes.....	—	—	8,685,790
Carpets, mats and rugs.....	carpet yd.	1,262,857	3,912,986
Furniture, household, incl. beds and couches.....	—	—	36,189,459
Heating and ventilating equipment and furnaces.....	—	—	12,269,789
Kitchenware.....	—	—	2,284,849
Mattresses.....	No.	992,179	8,181,814
Mops.....	—	—	852,473
Springs, bed and other furniture.....	—	—	3,615,438
Stoves, coal, wood, electric and gas.....	No.	331,582	9,460,410

¹ Includes excise taxes on tobacco products and prime cost of spirits.² See also Radio communication equipment under "Miscellaneous".

11.—Quantities and Values of the Principal Commodities Produced by the Manufacturing Industries of Canada, Grouped by Purpose, 1944—concluded

	Unit of Measure	Quantity	Value \$
Books and Stationery—			
Advertising matter, printed.....	—	—	12,220,415
Books and catalogues, printed.....	—	—	8,979,569
Circular letters, bank notes, etc., printed.....	—	—	8,720,378
Periodicals, printed for publishers.....	—	—	8,134,547
Periodicals, printed by publishers—			
Subscriptions and sales.....	—	—	27,142,098
Gross revenue from advertising.....	—	—	43,378,887
Sheet forms, commercial, printed.....	—	—	14,368,643
Vehicles and Vessels—			
Aircraft, including parts and repairs.....	—	—	486,291,003
Automobiles, commercial.....	—	—	215,643,631
Automobile parts and accessories.....	—	—	280,862,471
Cars, steam and electric, and parts.....	—	—	61,623,238
Ships and ship repairs.....	—	—	416,645,096
Miscellaneous—			
Abrasives, artificial.....	—	—	23,268,112
Bags, cotton and jute.....	doz.	11,763,546	24,937,112
Bags, paper.....	—	—	11,250,917
Bars, iron and steel, hot rolled.....	net ton	400,111	28,486,322
Batteries, electric, and parts.....	—	—	16,749,924
Blooms, billets and slabs.....	—	—	17,041,753
Boilers, heating and power, and parts.....	—	—	16,396,182
Boxes, paper and wood.....	—	—	68,715,355
Calcium and sodium compounds.....	—	—	26,479,017
Cans, tin.....	—	—	33,078,466
Castings, iron.....	ton	256,034	30,250,243
Coke.....	"	4,104,294	38,406,640
Cotton fabrics.....	yd.	377,442,444	64,121,939
Enamels, lacquers and varnishes.....	—	—	26,297,000
Explosives.....	—	—	36,403,093
Farm implements and parts.....	—	—	25,342,538
Ferro-alloys.....	—	—	22,741,684
Forgings, steel and other.....	—	—	30,432,311
Gas, sold.....	M cu. ft.	21,101,351	19,392,362
Gases, compressed and liquefied.....	—	—	13,731,700
Gasoline.....	imp. gal.	970,941,172	122,792,541
Glass, pressed and blown.....	—	—	17,988,095
Hardware, builders' and other.....	—	—	8,321,939
Leather, shoe.....	—	—	31,857,423
Lumber, sawn.....	—	—	137,412,659
Machinery, all kinds and parts.....	—	—	164,001,109
Medicines and pharmaceuticals.....	—	—	43,359,452
Munitions and other war supplies.....	—	—	728,575,905
Oil, fuel and gas.....	imp. gal.	872,707,076	43,508,537
Paints, mixed, ready for use.....	—	9,456,321	22,071,110
Paper, newsprint, wrapping and book.....	—	—	191,681,772
Paper boards.....	—	—	44,653,328
Pipes and fittings, iron and steel.....	—	—	21,774,238
Plates, sheets, etc., iron and steel.....	—	—	43,476,950
Pulp, wood, made for sale.....	short ton	5,271,137	211,041,412
Radio communication equipment.....	—	—	93,833,634
Refrigerators, electric.....	No.	3,442	815,309
Rods and bars, brass, bronze, etc.....	lb.	61,042,738	9,045,046
Rods, wire, copper, steel, etc.....	"	291,934,832	15,012,788
Rolled iron and steel forms, semi-finished.....	—	—	17,041,753
Sash, doors and other millwork.....	—	—	21,064,413
Scientific instruments.....	—	—	69,668,089
Silk, artificial and mixtures, continuous filament.....	yd.	58,436,183	27,946,213
Smelter and refinery products.....	—	—	474,206,801
Spun rayon and mixtures.....	yd.	21,664,470	8,493,951
Steel ingots and castings (sold).....	net ton	171,072	34,848,363
Steel shapes erected, bridge, etc.....	—	—	10,959,711
Steel shapes, structural, made.....	—	—	19,723,211
Tire fabrics.....	lb.	30,990,100	11,480,320
Tools, all kinds.....	—	—	22,733,593
Twine and rope.....	—	—	16,357,120
Wires and cables, electrical.....	—	—	32,149,766
Wire, wire rope and cable, steel.....	—	—	18,139,062
Woollen cloth, woven and other.....	yd.	25,890,132	42,736,881
Yarn, cotton, artificial silk, wool, etc.....	lb.	89,733,041	53,044,698

Subsection 3.—Manufactures Classified by Origin of the Materials

The distinction made between farm materials of Canadian and foreign origin is based on whether the materials are indigenous to Canada rather than on their actual source. Thus, the industries included in the foreign origin classes are those depending upon materials that cannot be grown in Canada, such as tea, coffee, spices, cane sugar, rice, rubber, cotton, etc. Industries included in the Canadian origin classes may, however, be using large quantities of imported materials.

The mineral origin group includes, in addition to the non-ferrous metals, so largely produced in Canada, the manufactures of iron and steel, of petroleum, and of other mineral substances, the raw materials for which are very largely imported. Products of mineral origin, with the exception of fuels, are nearly all durable goods. A high standard of living and advanced industrial organization is usually indicated by a relatively large production and consumption of mineral products. During periods of depression when the production of capital goods is curtailed, employment in the industries of the farm group, which produce mainly consumer goods, exceeds that of the mineral group. For 1943 the averages for capital and salaries and wages were \$4,417 and \$1,297 respectively for the industries of the farm origin. Average salaries and wages in 1944 totalled \$1,905 for the mineral origin group and \$1,372 for the farm origin group.

12.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Material Used, by Main Groups, Significant Years 1924-44

Year and Origin	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
1924	No.	\$	No.	\$	\$	\$
Farm origin.....	8,663	772,791,471	152,488	153,213,763	716,047,892	1,099,279,665
Mineral origin.....	2,806	1,010,517,944	136,837	171,068,497	349,800,585	700,002,097
Forest origin.....	6,873	876,149,932	126,907	147,719,245	245,183,429	544,282,597
Marine origin.....	836	20,304,755	11,157	3,344,348	10,089,332	26,637,962
Wild life origin.....	226	10,837,249	2,944	3,194,213	7,506,169	13,386,266
Mixed origin.....	1,305	204,716,127	57,277	55,927,609	101,563,384	200,718,177
Grand Totals, 1924....	20,709	2,895,317,508	487,610	534,467,675	1,436,190,791¹	2,584,306,764¹
Farm Origin Group—						
From field crops.....	4,595	525,717,571	89,436 ¹	87,789,237	433,443,376	691,513,259
From animal husbandry..	4,068	247,073,900	63,052	65,424,526	282,604,516	407,766,406
Totals, Farm Origin.....	8,663	772,791,471	152,488	153,213,763	716,047,892	1,099,279,665
Canadian origin.....	8,379	546,231,949	114,514	119,217,657	553,357,883	848,236,237
Foreign origin.....	284	226,559,522	37,974	33,996,106	162,690,009	251,043,428
1929						
Farm origin.....	9,041	969,384,866	181,682	188,306,755	852,606,083	1,396,769,569
Mineral origin.....	3,219	1,550,662,908	218,879	304,027,803	678,683,203	1,392,499,868
Forest origin.....	7,353	1,148,558,242	163,863	191,044,307	313,088,964	722,269,066
Marine origin.....	730	28,644,442	16,367	5,411,855	21,496,859	34,966,260
Wild life origin.....	234	14,338,686	3,767	4,783,323	12,847,817	20,861,039
Mixed origin.....	1,639	293,302,865	81,973	83,717,174	150,947,887	316,080,314
Grand Totals, 1929....	22,216	4,004,892,009	666,531	777,291,217	2,029,670,813	3,883,446,116
Farm Origin Group—						
From field crops.....	5,191	697,206,163	114,236	115,201,292	496,842,580	889,075,246
From animal husbandry..	3,850	272,178,703	67,446	73,105,463	355,763,503	507,694,323
Totals, Farm Origin.....	9,041	969,384,866	181,682	188,306,755	852,606,083	1,396,769,569
Canadian origin.....	8,743	708,461,549	134,680	140,340,993	682,056,026	1,106,006,184
Foreign origin.....	298	260,923,317	47,002	47,965,762	170,550,057	290,763,385

¹ For the year 1924 the figures for "Cost of Materials" and "Gross Value of Products" include the value placed on intermediate products used in further processes in the chemical group of industries. For this reason these figures differ slightly from those contained in the other tables of this report.

12.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Material Used, by Main Groups, Significant Years 1924-44—continued

Year and Origin	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1933						
Farm origin.....	9,695	844,582,058	158,602	137,711,749	454,882,704	791,956,470
Mineral origin.....	3,539	1,306,641,651	130,565	138,101,092	271,434,337	601,428,003
Forest origin.....	7,796	882,445,602	102,807	99,046,012	133,550,374	335,886,257
Marine origin.....	620	15,532,775	4,064	2,287,385	10,960,289	17,380,323
Wild life origin.....	335	10,507,157	3,498	3,481,885	7,159,079	13,000,927
Mixed origin.....	1,795	219,550,595	69,122	55,619,701	89,802,145	194,423,805
Grand Totals, 1933....	23,780	3,279,259,838	468,658	436,247,824	967,788,928	1,954,075,785
Farm Origin Group—						
From field crops.....	5,746	609,044,529	93,433	81,655,182	263,007,043	494,048,930
From animal husbandry..	3,949	235,537,529	65,169	56,056,567	191,875,661	297,907,540
Totals, Farm Origin.....	9,695	844,582,058	158,602	137,711,749	454,882,704	791,956,470
Canadian origin.....	9,373	629,450,643	124,547	107,807,386	365,559,776	620,197,449
Foreign origin.....	322	215,131,415	34,055	29,904,363	89,322,928	171,759,021
1937						
Farm origin.....	10,139	901,539,200	203,908	197,861,819	809,964,706	1,276,249,283
Mineral origin.....	3,384	1,401,562,788	216,959	280,323,383	784,742,328	1,451,202,762
Forest origin.....	8,392	916,530,488	144,597	161,030,221	254,863,829	589,517,795
Marine origin.....	597	18,130,385	5,427	3,354,771	16,318,781	26,088,625
Wild life origin.....	365	13,328,164	4,264	4,452,918	10,761,233	17,658,867
Mixed origin.....	1,957	214,136,806	85,296	74,703,925	130,275,910	264,742,168
Grand Totals, 1937....	24,834	3,465,227,831	660,451	721,727,037	2,006,926,787	3,625,459,500
Farm Origin Group—						
From field crops.....	6,197	635,995,955	118,765	115,999,546	456,791,911	774,683,154
From animal husbandry..	3,942	265,543,245	85,143	81,862,273	353,172,795	501,566,129
Totals, Farm Origin.....	10,139	901,539,200	203,908	197,861,819	809,964,706	1,276,249,283
Canadian origin.....	9,326	673,003,567	158,075	152,070,575	659,488,389	1,008,885,353
Foreign origin.....	813	228,535,633	45,833	45,791,244	150,476,317	267,363,930
1939						
Farm origin.....	10,203	952,929,892	220,210	217,724,965	778,250,125	1,289,993,021
Mineral origin.....	3,474	1,498,265,618	210,752	280,054,303	669,728,573	1,321,444,094
Forest origin.....	8,430	951,016,933	142,091	160,798,500	244,944,997	572,335,960
Marine origin.....	523	21,479,200	5,369	3,638,794	18,114,698	28,816,536
Wild life origin.....	384	14,723,743	4,604	5,396,623	11,592,066	19,961,526
Mixed origin.....	1,791	208,609,063	75,088	70,197,968	113,528,916	242,232,391
Grand Totals, 1939....	24,805	3,647,024,449	658,114	737,811,153	1,836,159,375	3,474,783,528
Farm Origin Group—						
From field crops.....	6,096	649,746,486	124,708	126,311,033	410,994,461	759,964,866
From animal husbandry..	4,107	303,183,406	95,502	91,413,932	367,255,664	530,028,155
Totals, Farm Origin.....	10,203	952,929,892	220,210	217,724,965	778,250,125	1,289,993,021
Canadian origin.....	9,382	699,345,423	171,460	168,260,771	630,779,223	1,011,294,132
Foreign origin.....	821	253,584,469	48,750	49,464,194	147,470,902	278,698,889
1943						
Farm origin.....	10,299	1,216,233,910	275,337	357,141,351	1,602,302,829	2,394,035,243
Mineral origin.....	4,256	3,667,230,050	673,988	1,234,374,825	2,358,826,073	4,788,289,815
Forest origin.....	9,870	1,094,903,638	181,019	259,111,310	445,445,053	991,157,515
Marine origin.....	523	30,741,194	8,621	9,137,089	43,366,785	64,804,969

12.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Material Used, by Main Groups, Significant Years 1924-44—concluded

Year and Origin	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1943—concluded						
Wild life origin.....	511	23,768,316	6,000	8,744,483	27,073,763	42,081,385
Mixed origin.....	2,193	284,289,619	96,103	118,783,326	213,478,580	452,492,072
Grand Totals, 1943	27,652	6,317,166,727	1,241,068	1,987,292,384	4,690,493,083	8,732,860,999
Farm Origin Group—						
From field crops.....	6,269	819,635,374	153,149	200,773,531	772,653,116	1,279,733,823
From animal husbandry..	4,030	396,598,536	122,188	156,367,820	829,649,713	1,114,301,420
Totals, Farm Origin	10,299	1,216,233,910	275,337	357,141,351	1,602,302,829	2,394,035,243
Canadian origin.....	9,468	940,503,127	216,663	277,316,138	1,341,198,884	1,954,615,390
Foreign origin.....	831	275,730,783	58,674	79,825,213	261,103,945	439,419,853
1944						
Farm origin.....	10,329		287,756	394,716,309	1,781,014,374	2,688,731,415
Mineral origin.....	4,479		634,542	1,208,779,764	2,258,796,792	4,708,104,244
Forest origin.....	10,347		186,680	278,171,969	495,531,476	1,082,160,284
Marine origin.....	535		9,664	10,327,695	45,906,542	68,882,879
Wild life origin.....	535		6,190	9,430,191	28,076,572	43,985,177
Mixed origin.....	2,258		98,050	128,195,442	223,007,600	481,828,520
Grand Totals, 1944	28,483	1	1,222,882	2,029,621,370	4,832,333,356	9,073,692,519
Farm Origin Group—						
From field crops.....	6,307		164,514	226,751,705	888,435,918	1,477,008,962
From animal husbandry..	4,022		123,242	167,964,604	892,578,456	1,211,722,453
Totals, Farm Origin	10,329	1	287,756	394,716,309	1,781,014,374	2,688,731,415
Canadian origin.....	9,493		225,077	303,293,749	1,507,501,822	2,202,655,904
Foreign origin.....	836		62,679	91,422,560	273,512,552	486,075,511

¹ Not collected for 1944.

Subsection 4.—Leading Manufacturing Industries

In the following statement, the rank of the ten leading industries in 1944, from the standpoint of gross value of production, is compared with their respective ranks in significant years since 1922.

THE TEN LEADING INDUSTRIES, 1944, COMPARED AS TO RANK, SIGNIFICANT YEARS 1922-44

NOTE.—Where a dash is given it indicates that the industry did not rank among the forty leading industries.

Industry	Rank in							
	1944	1943	1942	1939	1937	1933	1929	1922
Slaughtering and meat packing.....	1	3	2	3	3	3	2	3
Non-ferrous metal smelting and refining.....	2	1	1	1	1	2	9	—
Miscellaneous chemical products.....	3	2	5	38	—	—	—	—
Aircraft.....	4	8	18	—	—	—	—	—
Pulp and paper.....	5	7	3	2	2	1	1	2
Shipbuilding and repairs.....	6	4	6	—	—	—	—	—
Automobiles.....	7	6	4	5	4	11	4	6
Electrical apparatus and supplies.....	8	9	9	9	8	16	8	17
Miscellaneous iron and steel products.....	9	5	12	—	—	—	—	—
Butter and cheese.....	10	11	8	4	6	5	6	5

A prominent feature of Canadian manufacturing development in recent years has been the rapid growth of non-ferrous metal smelting. This industry, based upon the rich base metal resources of the country, has now taken its place among the leading manufactures along with the industries based upon forest, agricultural and live-stock resources. The incidence of the depression resulted in a rearrangement in the ranking of many industries; in some cases this has proved to be temporary. Under the impetus of war production, the industries engaged in producing the equipment needed by the Armed Forces, such as shipbuilding, aircraft, automobiles, miscellaneous chemical products, and primary iron and steel, advanced to higher positions. With the minor decline in the production of war equipment during 1944, the food industries, by reason of the continuing demand for their products, bettered their position; slaughtering and meat packing advancing from third to first place and butter and cheese from eleventh to tenth place.

13.—Principal Statistics of the Forty Leading Industries of Canada, Ranked According to Gross Value of Products, 1943

Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Value of Products	
						Net	Gross
	No.	\$	No.	\$	\$	\$	\$
1 Non-ferrous metal smelting and refining.....	16	392,217,159	26,749	48,491,732	356,251,255	111,857,020	511,213,376
2 Miscellaneous chemical products.....	200	505,359,005	61,428	94,496,031	242,940,411	234,521,138	482,660,017
3 Slaughtering and meat packing.....	153	102,948,528	18,775	29,994,640	382,284,793	52,460,664	437,228,577
4 Shipbuilding and repairs.....	87	241,992,825	75,847	153,595,336	123,317,336	249,815,120	376,560,974
5 Iron and steel products, n.e.s.....	161	276,501,433	48,567	95,810,305	181,658,309	179,745,001	364,698,074
6 Automobiles.....	5	139,610,450	24,265	57,569,265	248,652,602	101,349,626	352,229,955
7 Pulp and paper.....	106	667,458,143	37,020	71,199,422	143,956,462	165,485,944	345,653,470
8 Aircraft.....	45	228,616,099	69,529	126,826,708	60,448,010	183,831,155	246,028,586
9 Electrical apparatus and supplies.....	223	161,260,825	46,928	76,906,994	109,281,060	134,049,332	245,770,859
10 Primary iron and steel.....	63	235,386,238	34,222	65,654,468	101,413,794	103,552,130	223,951,059
11 Butter and cheese...	2,314	72,237,363	19,181	23,836,366	166,881,687	45,318,999	215,771,404
12 Flour and feed mills.	1,131	70,869,815	7,163	10,015,738	169,488,522	29,726,569	201,127,291
13 Sawmills.....	5,140	115,273,788	43,954	49,564,303	101,021,760	91,714,000	195,885,336
14 Brass and copper products.....	158	73,747,578	21,899	40,731,201	108,330,435	81,403,059	192,987,718
15 Petroleum products..	52	90,196,659	6,085	12,748,732	138,159,884	40,705,482	187,106,054
16 Automobile supplies.	101	78,194,016	21,631	40,328,567	89,986,643	82,884,770	175,074,983
17 Railway rolling-stock	34	125,160,005	30,495	59,442,679	83,069,419	72,079,328	159,156,587
18 Machinery.....	256	123,621,515	28,239	52,818,044	48,685,844	101,874,475	152,359,576
19 Clothing, men's factory.....	410	60,916,655	30,885	37,267,075	91,554,837	57,782,196	149,800,112

For footnotes, see end of table.

**13.—Principal Statistics of the Forty Leading Industries of Canada, Ranked
According to Gross Value of Products, 1943—concluded**

	Industry	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Value of Products	
		No.	\$	No.	\$	\$	Net	Gross
20	Rubber goods (incl. footwear).....	51	73,550,768	15,913	25,342,508	68,297,492	59,952,041	130,157,780
21	Cotton yarn and cloth	40	85,060,925	23,526	28,146,211	80,663,290	43,121,043	126,879,874
22	Clothing, women's factory.....	781	44,299,242	25,752	32,385,477	69,264,831	55,271,412	124,837,789
23	Bread and other bakery products...	2,996	57,067,417	26,829	32,891,060	56,951,269	59,543,244	120,445,625
24	Sheet metal products	191	77,846,582	16,955	26,577,908	48,922,922	46,760,657	96,923,991
25	Hardware, tools and cutlery.....	241	62,873,901	19,228	33,222,087	24,233,712	65,715,287	91,296,033
26	Biscuits, confectionery, cocoa, etc.....	211	45,319,223	13,469	16,038,887	39,346,522	39,833,554	80,261,546
27	Hosiery and knitted goods.....	191	58,023,438	22,344	23,849,986	38,532,495	40,504,777	80,209,219
28	Acids, alkalies and salts.....	38	102,927,307	8,045	15,057,723	27,714,019	42,142,717	78,359,453
29	Printing and publishing.....	771	57,725,311	17,963	29,724,389	16,368,501	58,785,596	76,054,227
30	Boots and shoes, leather.....	222	34,873,991	18,665	21,677,798	42,648,779	32,536,365	75,583,954
31	Castings, iron.....	198	60,193,907	15,916	28,727,856	26,677,705	46,386,822	75,479,138
32	Scientific and professional equipment..	46	63,633,603	10,206	18,739,957	48,383,410	24,320,313	73,101,627
33	Miscellaneous food industries.....	259	38,991,544	5,792	7,744,697	50,194,167	22,082,845	72,798,428
34	Bridge and structural steel.....	22	39,458,775	10,974	23,175,872	24,014,652	47,495,665	72,515,834
35	Fruit and vegetable preparations.....	382	60,753,837	11,894	12,350,468	44,564,481	26,298,614	72,228,697
36	Breweries.....	61	71,607,123	6,613	12,852,096	15,918,326	52,493,557	69,658,808
37	Fish-curing and packing.....	523	30,741,194	8,621	9,137,089	43,366,785	20,588,039	64,804,969
38	Tobacco, cigars and cigarettes.....	70	78,331,842	10,805	12,084,381	31,476,712	32,353,003	64,091,935
39	Planing mills, sash and door factories..	827	42,184,892	13,417	17,168,938	34,864,939	27,658,085	63,418,426
40	Coke and gas products	33	109,465,222	4,381	7,955,598	32,434,667	23,387,021	60,900,598
Totals, Forty Leading Industries...		18,809	5,056,498,143	960,170	1,582,148,592	3,812,222,739	2,987,386,665	6,985,271,959
Totals, All Industries		27,632	6,317,166,727	1,241,068	1,987,292,384	4,690,493,083	3,816,413,541	8,732,860,999
Percentages to all industries.....		68.0	80.0	77.4	79.6	81.3	78.2	80.0
Primary textiles ¹		598	282,181,561	79,464	94,362,645	215,326,696	169,700,637	393,483,549

¹ On a broader classification basis, the primary textile industry, which includes the production of cottons, woollens, silk, hosiery and knitted goods, and the dyeing and finishing of textiles, ranks first in number of employees, fifth in salaries and wages paid and fourth in gross value of production.

11.—Principal Statistics of the Forty Leading Industries of Canada, Ranked According to Gross Value of Products, 1944

NOTE.—Statistics of "Capital invested" not collected in 1944.

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Value of Products	
					Net	Gross
	No.	No.	\$	\$	\$	\$
1 Slaughtering and meat packing.	153	23,867	38,697,789	458,484,382	81,738,368	543,034,100
2 Non-ferrous smelting and refin- ing.	16	23,927	44,536,991	313,996,140	123,303,038	474,206,801
3 Miscellaneous chemical prod- ucts.	228	50,437	82,008,829	227,608,024	198,943,420	431,494,036
4 Aircraft.	45	79,572	161,055,010	137,734,065	286,653,701	426,981,558
5 Pulp and paper.	104	37,896	75,833,408	157,995,141	174,492,103	369,846,086
6 Shipbuilding and repairs.	94	67,076	138,967,246	101,056,440	224,632,290	329,299,643
7 Automobiles.	5	22,499	53,879,982	234,578,288	87,185,302	324,090,755
8 Electrical apparatus and sup- plies.	234	48,834	82,304,460	120,413,034	160,169,974	283,071,440
9 Iron and steel products, n.e.s.	170	36,963	75,076,875	126,539,119	126,852,257	256,407,290
10 Butter and cheese.	2,282	18,622	25,358,470	168,490,247	45,836,735	218,143,356
11 Sawmills.	5,506	43,516	51,516,085	118,167,020	96,528,955	216,556,623
12 Flour and feed mills.	1,087	7,289	10,511,975	187,116,957	26,780,541	215,790,282
13 Primary iron and steel.	64	30,763	60,837,031	92,214,866	103,018,391	212,509,681
14 Petroleum products.	48	6,809	14,317,939	153,558,664	47,986,185	210,547,416
15 Rubber goods.	56	21,421	35,978,717	82,187,888	82,813,307	169,511,036
16 Railway rolling-stock.	37	29,911	61,355,214	78,432,377	85,513,150	167,806,607
17 Automobile supplies.	104	20,366	38,671,730	84,155,653	73,868,168	160,195,390
18 Brass and copper products.	162	17,633	33,490,354	72,480,196	74,656,771	149,851,354
19 Machinery.	258	26,692	50,452,569	50,665,344	95,131,051	147,519,776
20 Clothing, men's factory.	418	27,016	35,367,534	78,316,230	59,295,540	138,056,755
21 Clothing, women's factory.	835	25,810	34,669,358	72,815,459	60,839,942	133,966,487
22 Bread and other bakery prod- ucts.	2,917	27,530	35,164,136	59,824,616	61,474,839	125,261,098
23 Cotton yarn and cloth.	41	21,900	27,865,543	66,948,167	46,599,735	116,707,311
24 Sheet metal products.	194	16,852	27,140,973	57,624,118	51,027,176	109,928,858
25 Fruit and vegetable prepara- tions.	458	15,368	16,411,988	63,223,982	42,302,840	107,335,254
26 Miscellaneous food industries.	269	6,885	8,893,913	68,580,203	28,293,696	97,434,861
27 Biscuits, confectionery, cocoa, etc.	219	14,260	17,325,577	42,475,278	42,433,072	86,011,499
28 Hosiery and knitted goods.	200	22,939	25,535,277	39,132,779	43,882,156	84,217,935
29 Breweries.	61	7,125	14,188,533	18,021,526	63,118,812	82,491,793
30 Printing and publishing.	766	18,328	31,621,654	17,455,960	63,588,253	81,950,271
31 Acids, alkalis and salts.	37	7,964	15,752,782	29,540,390	42,801,806	81,323,151
32 Hardware, tools and cutlery.	242	16,359	29,790,676	20,610,853	56,847,740	78,860,180
33 Scientific and professional equip- ment.	48	9,844	19,734,303	34,592,256	43,578,970	78,534,483
34 Boots and shoes, leather.	228	18,638	22,636,194	42,657,644	33,247,109	76,297,886
35 Castings, iron.	196	15,559	28,952,121	27,810,836	43,688,126	73,967,421
36 Tobacco, cigars and cigarettes.	69	10,587	13,105,796	36,864,416	34,303,711	71,442,389
37 Coke and gas products.	34	4,747	8,940,613	37,809,253	25,287,651	69,575,715
38 Fish curing and packing.	535	9,664	10,327,695	45,906,542	22,066,801	68,882,879
39 Feeds, stock and poultry.	206	3,239	5,160,729	55,812,112	11,113,161	67,497,152
40 Sugar refineries.	11	2,590	4,576,060	48,033,547	14,364,944	63,874,868
Totals, Forty Leading In- dustries.	18,637	917,297	1,568,012,129	3,929,910,012	3,086,259,787	7,200,481,476
Totals, All Industries.	28,483	1,222,882	2,029,621,370	4,832,333,356	4,015,776,010	9,073,692,519
Percentage to all industries.	65.4	75.0	77.2	81.3	76.8	79.3
Primary textiles ¹	613	77,816	96,743,445	194,509,683	174,820,999	378,075,214

¹ On a broader classification basis, the primary textile industry, which includes the production of cottons, woollens, silk, hosiery and knitted goods, and the dyeing and finishing of textiles, ranks second in number of employees, third in salaries and wages paid and fifth in gross value of production.

Section 4.—Principal Factors in Manufacturing Production

The subjects treated under this Section, in as much detail as limitations of space permit, include capital, employment, salaries and wages, size of establishments and power and fuel used in manufacturing.

Subsection 1.—Capital Employed

The remarkable increase in capital employed in Canadian manufactures from the beginning of the twentieth century has, of course, run parallel with the rapid growth in industrial operations. From 1900 to 1905 the capital increased from \$446,900,000 to \$833,900,000, and advanced to \$1,958,700,000 in 1915. During this period returns were received from establishments with 5 hands or over, and, while the rise in wholesale prices did not exceed 37 p.c., the capital employed in manufactures increased nearly 340 p.c.

The capital investment in 1943 in all establishments, irrespective of the number of employees, but exclusive of central electric stations, was \$6,317,000,000 as compared with \$2,334,000,000 in 1917, an increase of 171 p.c. while wholesale prices have declined about 13 p.c. in the same period.

Statistics on capital employed were discontinued in 1944.

15.—Percentage Distribution of Capital Employed in the Manufacturing Industries by Provinces and Industrial Groups, Significant Years, 1917-43

Province or Group	1917	1920	1929	1933	1939	1941	1942	1943
PROVINCE	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
Prince Edward Island.....	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Nova Scotia.....	5.3	4.6	3.0	2.8	2.8	2.5	2.8	2.8
New Brunswick.....	2.6	3.5	2.3	2.7	2.5	2.0	1.9	1.8
Quebec.....	28.4	30.1	31.1	31.6	32.4	34.7	34.3	35.3
Ontario.....	49.6	50.1	49.6	48.4	48.3	47.6	48.0	47.4
Manitoba.....	3.6	3.2	3.0	3.1	3.3	3.3	3.2	2.8
Saskatchewan.....	1.0	0.8	1.1	1.2	1.0	1.0	0.8	0.9
Alberta.....	2.1	1.6	2.0	2.1	2.0	1.9	1.8	1.8
British Columbia and Yukon.....	7.3	6.0	7.8	8.0	7.6	6.9	7.1	7.1
Totals.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
INDUSTRIAL GROUP								
Vegetable products.....	12.0	13.7	14.5	15.9	14.8	12.9	12.0	10.8
Animal products.....	8.9	7.6	6.1	6.2	6.9	6.2	5.9	5.1
Textiles and textile products.....	8.2	10.4	9.0	9.1	9.5	9.0	8.4	7.2
Wood and paper products.....	23.0	26.5	28.8	27.2	26.4	22.1	19.7	17.5
Iron and its products.....	29.8	24.8	20.6	18.8	19.1	23.2	26.3	29.3
Non-ferrous metal products.....	3.0	3.7	7.5	8.1	9.5	11.1	11.2	10.7
Non-metallic mineral products.....	6.2	7.4	7.9	9.0	8.0	6.7	6.0	5.6
Chemicals and allied products.....	7.5	4.2	4.1	4.7	4.7	7.3	8.6	12.0
Miscellaneous industries.....	1.4	1.7	1.5	1.0	1.1	1.5	1.9	1.8

16.—Forms of Capital Employed in the Manufacturing Industries, by Provinces and Industrial Groups, 1943, with Totals for Significant Years, 1924-42

Year, Province or Group	Estab- lish- ments	Fixed Capital	Working Capital			Total Capital
		Land, Buildings, Fixtures, Machinery, Tools and Other Equipment	Inventory Value of Raw Materials, Stocks in Process, Fuel, and Mis- cellaneous Supplies on Hand	Inventory Value of Finished Products on Hand	Cash, Bills and Accounts Receivable, Prepaid Expenses, etc.	
	No.	\$	\$		\$	\$
Totals, 1924	20,709	1,717,122,081	658,360,445		519,834,982	2,895,317,508
Totals, 1926	21,301	1,905,620,436	707,413,136		595,037,625	3,208,071,197
Totals, 1929	22,216	2,356,913,335	867,689,319		780,289,355	4,004,892,009
Totals, 1932	23,102	2,218,729,234	597,939,060		563,807,215	3,380,475,509
Totals, 1933	23,780	2,151,091,557	573,587,617		554,580,664	3,279,259,838
Totals, 1934	24,209	2,109,729,523	598,110,478		541,508,863	3,249,348,864
Totals, 1935	24,034	2,080,221,792	610,814,942		525,366,393	3,216,403,127
Totals, 1936	24,202	2,061,610,260	651,771,457		557,881,814	3,271,263,531
Totals, 1937	24,834	2,126,929,809	757,322,293		580,975,729	3,465,227,831
Totals, 1938	25,200	2,149,402,173	739,226,808		597,054,037	3,485,683,018
Totals, 1939	24,805	2,168,887,084	784,543,558		693,593,807	3,647,024,449
Totals, 1940	25,513	2,266,087,512	992,988,598		836,640,726	4,095,716,836
Totals, 1941	26,293	2,523,213,656	929,051,356	378,109,962	1,075,128,992	4,905,503,966
Totals, 1942	27,862	2,740,826,451	1,092,063,176	404,306,102	1,251,589,816	5,488,785,545
PROVINCES, 1943						
Prince Edward Island.....	230	2,079,533	529,646	285,766	986,887	3,881,832
Nova Scotia.....	1,278	92,028,183	31,957,646	22,592,192	32,785,682	179,363,703
New Brunswick.....	862	60,286,741	18,375,637	5,740,960	26,884,572	111,287,910
Quebec.....	9,372	1,059,284,069	478,397,975	166,178,728	526,759,614	2,230,620,386
Ontario.....	10,587	1,381,616,267	674,091,828	232,683,256	706,562,637	2,994,953,988
Manitoba.....	1,245	94,296,011	27,185,310	22,564,358	29,706,828	173,752,507
Saskatchewan.....	976	30,041,247	10,377,381	7,319,282	12,936,183	60,674,093
Alberta.....	1,133	64,391,736	14,909,801	14,525,409	17,855,473	111,682,419
British Columbia.....	1,961	218,592,648	94,954,866	51,774,221	85,038,313	450,360,048
Yukon and Northwest Terri- tories.....	8	286,901	46,929	109,352	146,659	589,841
Totals, 1943	27,652	3,002,903,336	1,350,827,019	523,773,524	1,439,662,848	6,317,166,727
INDUSTRIAL GROUPS, 1943						
Vegetable products.....	5,913	282,619,237	147,178,142	91,891,156	162,603,768	684,292,303
Animal products.....	4,380	141,661,687	51,918,182	52,120,456	79,111,538	324,811,863
Textiles and textile products.....	2,384	190,613,728	113,098,355	25,036,301	126,307,645	455,056,029
Twood and paper products.....	9,974	707,656,824	138,239,069	35,482,901	222,605,422	1,103,984,216
Iron and its products.....	2,044	737,776,577	559,488,023	133,009,303	422,232,149	1,852,506,052
Non-ferrous metal products.....	597	353,314,896	129,588,556	28,360,562	163,538,388	674,802,402
Non-metallic mineral products.....	747	223,248,695	46,362,712	31,345,015	50,207,832	351,164,254
Chemicals and allied products.....	945	332,751,244	126,483,598	122,764,226	177,865,883	759,864,951
Miscellaneous industries.....	668	33,260,448	38,470,382	3,763,604	35,190,223	110,684,657

Statistics on capital employed were not collected for 1944.

Subsection 2.—Employment in Manufactures

Using a base and taking the percentages of the wage-earners and the total employees in each year, and dividing these percentages into the corresponding volumes of manufacturing production (see p. 16 for the index of volume), tentative

conclusions are arrived at regarding the efficiency of production per wage-earner and per employee. These indexes of the efficiency of production are, of course, affected by the changes in the method of computing the number of wage-earners adopted in 1925, and then again in 1931. Inasmuch as the change increased the apparent number of employees between 1925 and 1930, it proportionately decreased the index of the efficiency of production. Comparability exists, however, between the figures prior to 1926 and subsequent to 1930. Table 17 shows only the latter period. Unfortunately, the period covered is rather limited for the purpose in view, but it is suggested that the reader compare these data with the comparable figures for 1917-30 at p. 421 of the 1939 Canada Year Book. Up to the beginning of the Second World War the indexes may be considered as supplying satisfactory evidence of a general gain in volume of production per person employed. With the outbreak of war unemployed skilled workers were first absorbed into industry, with the result that the efficiency of production was slightly bettered. As the War progressed, however, manufacturers were forced more and more to employ unskilled workers. The decline in the efficiency of production in 1942, 1943 and 1944 may, therefore be attributed to this cause as well as to absenteeism for various causes.

17.—Salaried Employees and Wage-Earners in Manufacturing Industries, with Volume of Manufacturing Production and Comparative Efficiency of Production, 1931-44.

(1935-39=100)

NOTE.—Figures, with qualifications as to comparability, for 1917 to 1930 are published at p. 421 of the 1939 Canada Year Book.

Year	Salaried Employees	Wage-Earners	Total Employees	Percentages Relative to 1935-39		Index Number of Volume of Mfd. Products	Indexes of Efficiency of Production	
				Of Wage-Earners	Of Total Employees		Per Wage-Earner	Per Employee
	No.	No.	No.	p.c.	p.c.			
1931.....	91,491	437,149	528,640	85.8	84.9	79.9	93.1	94.1
1932.....	87,050	381,783	468,833	74.9	75.3	67.6	90.3	89.8
1933.....	86,636	382,022	468,658	75.0	75.3	67.7	90.3	89.9
1934.....	92,095	427,717	519,812	83.9	83.5	79.6	94.9	95.3
1935.....	97,930	458,734	556,664	90.0	89.5	87.9	97.7	98.2
1936.....	104,417	489,942	594,359	96.1	95.5	96.2	100.1	100.7
1937.....	115,827	544,624	660,451	106.9	106.1	108.9	101.9	102.6
1938.....	120,589	521,427	642,016	102.3	103.2	100.8	98.5	97.7
1939.....	124,772	533,342	658,114	104.7	105.8	106.3	101.5	100.5
1940.....	135,760	626,484	762,244	122.9	122.5	125.2	101.9	102.2
1941.....	158,944	802,234	961,178	157.4	154.5	155.9	99.0	100.9
1942.....	177,187	974,904	1,152,091	191.3	185.1	179.9	94.0	97.2
1943.....	193,195	1,047,873	1,241,068	205.6	199.4	187.7	91.3	94.1
1944.....	192,558	1,030,324	1,222,882	202.2	196.5	180.8	89.4	92.0

Monthly Record of Employment in Manufactures.—Ordinarily, manufacturing employment in Canada reaches its highest point during the summer months. Some of the seasonal industries, such as canning, are most active then, textile industries are preparing winter goods, and industry generally feels the active demand of the agricultural purchasing power resulting from the prospect of the season's harvest. After the setback of 1929, employment in 1930, 1931, 1932 and the first half of 1933 declined steadily, the monthly employment figures in each case being lower than the corresponding month of the previous year. The peak of employment in June, 1929, when 575,693 wage-earners were on the payrolls, was surpassed in September, 1937, with 582,305 wage-earners. With the outbreak of war the improvement in employment became increasingly rapid. A new high record was attained in August, 1943, when 1,067,890 wage-earners were employed, an increase of 96.4 p.c. over the same month in 1939. The highest employment

during 1944 was attained in June when 1,049,557 wage-earners were employed. From then on employment declined steadily to the end of the year when 961,820 wage-earners were reported. This compares with an employment of 1,021,630 wage-earners in December 1943 and 992,880 wage-earners in December 1942.

18.—Wage-Earners Employed in the Manufacturing Industries of Canada, by Months and Sex, Significant Years, 1922-44

Month	1922	1929	1933	1939	1941	1942	1943	1944
TOTAL WAGE-EARNERS								
January.....	324,257	502,644	340,027	490,337	700,133	892,366	1,023,261	1,026,066
February.....	336,729	519,423	347,777	496,160	719,822	914,395	1,030,878	1,024,951
March.....	349,110	536,866	355,888	503,475	739,680	930,043	1,036,648	1,024,820
April.....	360,248	555,711	358,759	509,739	757,658	946,291	1,033,748	1,022,100
May.....	382,504	574,905	377,659	530,864	787,137	967,551	983,058	1,032,946
June.....	393,935	575,693	392,196	531,245	806,635	985,796	1,058,645	1,049,557
July.....	391,186	573,554	393,464	529,575	819,732	997,670	1,056,975	1,047,811
August.....	389,511	567,022	402,249	543,605	843,252	1,011,341	1,067,890	1,048,686
September.....	392,423	564,796	410,954	562,355	861,774	1,014,030	1,066,595	1,029,965
October.....	385,262	553,338	405,757	568,564	859,591	1,005,830	1,053,486	1,011,340
November.....	378,992	527,213	396,384	563,117	855,832	1,009,262	1,049,738	998,940
December.....	367,724	499,893	380,612	544,817	842,848	992,880	1,021,630	961,820
MALE								
January.....	243,682	397,459	257,445	381,997	549,976	683,455	751,269	738,764
February.....	253,178	410,865	260,728	385,955	564,176	698,435	755,181	737,647
March.....	263,849	426,713	267,259	391,623	579,757	708,845	757,702	737,761
April.....	274,821	443,560	271,348	398,982	597,256	720,285	755,888	737,913
May.....	294,095	459,783	285,705	416,963	621,396	736,499	764,158	747,746
June.....	304,395	460,294	296,937	417,975	636,633	750,012	776,003	762,126
July.....	304,020	459,651	300,329	417,987	646,237	756,047	779,687	762,939
August.....	301,234	449,721	302,969	421,895	654,782	753,663	777,733	757,135
September.....	298,918	441,510	304,908	431,509	662,465	748,193	767,043	737,347
October.....	291,973	432,576	301,315	437,220	661,454	739,884	754,484	724,084
November.....	286,511	412,114	294,945	432,920	659,011	739,471	753,211	717,179
December.....	277,854	391,903	285,690	422,538	649,766	731,647	738,073	698,990
FEMALE								
January.....	80,575	105,185	82,582	108,340	150,157	208,911	271,992	287,302
February.....	83,551	108,558	87,049	110,205	155,646	215,960	275,697	287,304
March.....	85,261	110,153	88,629	111,852	159,923	221,198	278,946	287,059
April.....	85,427	112,142	87,411	110,757	160,492	226,006	277,860	284,187
May.....	88,409	115,122	91,954	113,901	165,741	231,052	218,900	285,200
June.....	89,540	115,399	95,259	113,270	170,002	235,784	282,642	287,431
July.....	87,166	114,503	93,135	111,588	173,495	241,623	277,288	284,872
August.....	88,277	117,301	99,280	121,710	188,470	257,678	290,157	291,551
September.....	93,505	123,286	106,046	130,846	199,309	265,837	299,552	292,618
October.....	93,289	120,762	104,442	131,344	198,137	265,946	299,002	287,256
November.....	92,481	115,099	101,439	130,197	199,821	269,791	296,527	281,761
December.....	89,870	107,990	94,922	122,279	193,082	261,233	283,557	262,830

Hours Worked by Wage-Earners.—From 1932, the first year for which figures on hours worked per week by wage-earners are available, to 1944, each firm was required to report the number of hours worked by all its wage-earners during the month in which the greatest number had been employed, the only exception being the years 1938 and 1939 when one week in a month of normal employment was reported. In 1938 the number of hours worked per week were compiled by sex, and a change was also made in the analysis of the weekly hours worked. Since 1940 the hours worked per week include overtime while prior to that overtime was excluded. These changes make it impossible to measure accurately the changes in the number of hours worked per week. In any case, the figures in Tables 19 to 22 do not refer to any particular month, since the month of highest employment might be May for one firm and October for another; they represent the summation of the different months of highest employment as reported by all firms. For a given industry, however, the month of highest employment is more significant as in this case it coincides for a great number of firms engaged in the same industry.

For all wage-earners, the hours worked per week declined from 48.9 in 1932 to 47.2 in 1939, and reached 50.6 in 1941, some of this increase no doubt being due to the inclusion of overtime. For 1942, 1943 and 1944 there was a counter movement in the hours worked, especially among females, due to the employment of many workers on a part-time basis. Whereas in 1939 there were only 2.8 p.c. of the male and 5.3 p.c. of the female wage-earners working under 30 hours per week, in 1944 these percentages rose to 5.3 p.c. and 12.5 p.c. respectively. Also the number of hours worked by females averaged 5.5 less than the number of hours worked by their male co-workers.

19.—Wage-Earners in Manufacturing, Working Specified Numbers of Hours¹ per Week in the Month of Highest Employment, 1938-44

NOTE.—Hours worked per week in 1932-37 are given at p. 386 of the 1942 edition of the Canada Year Book; in 1940 at p. 392 of the 1943-44 edition.

Hours Worked per Week	1938	1939	1941	1942	1943	1944
TOTAL WAGE-EARNERS						
	No.	No.	No.	No.	No.	No.
30 or less	24,073	19,849	36,064	48,714	74,406	87,817
31-43	99,125	85,597	77,461	98,200	128,755	151,280
44	83,763	81,128	85,040	88,049	88,964	112,840
45-47	66,268	64,031	69,844	80,613	100,861	108,585
48	121,625	130,506	190,437	244,899	248,083	245,024
49-50	62,294	65,822	92,931	105,434	115,606	116,473
51-54	39,596	46,165	120,645	147,229	151,231	128,589
55	20,575	24,316	55,701	63,702	62,701	51,965
56-64	60,755	61,067	187,184	193,297	176,730	140,295
65 or over	8,755	8,478	63,913	73,590	60,665	46,046
Totals, Wage-Earners	586,829	586,959	979,220	1,143,727	1,298,092	1,188,905
Average Hours per Week	46.7	47.2	50.6	50.2	48.8	47.5
MALE						
	No.	No.	No.	No.	No.	No.
30 or less	15,439	12,868	23,635	30,166	39,985	45,414
31-43	75,842	64,780	50,969	59,146	68,530	83,293
44	59,983	57,667	60,062	58,342	53,563	76,141
45-47	47,877	45,703	43,554	47,403	62,701	67,306
48	97,287	103,636	149,612	182,783	185,913	182,798
49-50	45,981	48,378	63,541	70,870	75,975	80,878
51-54	33,744	37,439	90,044	106,657	114,739	100,621
55	16,493	19,766	43,431	48,996	49,194	42,214
56-64	56,171	56,837	165,242	171,775	158,657	128,751
65 or over	8,224	8,036	59,250	67,776	56,837	42,618
Totals, Male Wage-Earners	457,041	455,110	749,340	843,914	866,094	850,034
Average Hours per Week	47.3	48.1	51.5	51.3	50.4	49.1
FEMALE						
	No.	No.	No.	No.	No.	No.
30 or less	8,634	6,981	12,429	18,548	34,421	42,403
31-43	23,283	20,817	26,492	39,054	60,225	67,987
44	23,780	23,461	24,978	29,707	35,401	36,690
45-47	18,391	18,328	26,290	33,210	38,160	41,279
48	24,338	26,870	40,825	62,116	62,170	62,226
49-50	16,313	17,444	29,390	34,564	39,631	35,595
51-54	5,852	8,726	30,601	40,572	36,492	27,959
55	4,082	4,550	12,270	14,706	13,507	9,751
56-64	4,584	4,230	21,492	21,522	18,073	11,544
65 or over	531	442	4,663	5,814	3,828	3,428
Totals, Female Wage-Earners	129,788	131,849	229,880	299,813	341,908	338,871
Average Hours per Week	44.6	45.2	47.6	46.9	44.8	43.6

¹ For 1938 and 1939, the hours worked do not include overtime, while for 1941 to 1944 overtime is included.

20.—Wage-Earners Working Specified Weekly Hours¹ in Month of Highest Employment, by Sex, Province and Industrial Group, 1944

Province or Industrial Group	Hours Worked per Week										Total Wage-Earners	Average Hours Worked per Week
	MALE											
	30 or Less	31-43	44	45-47	48	49-50	51-54	55	56-64	65 or Over		
Province	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
Prince Edward Island.....	6	26	39	14	128	44	218	39	117	227	858	56.3
Nova Scotia.....	1,507	2,481	3,549	1,302	8,174	1,341	3,441	905	6,363	1,848	30,911	50.0
New Brunswick.....	894	1,178	1,913	738	2,755	1,216	3,616	510	4,971	1,959	19,660	51.1
Quebec.....	11,603	25,833	14,465	18,568	57,775	26,314	37,517	20,198	61,236	21,359	294,868	48.1
Ontario.....	24,599	39,871	23,140	36,684	78,774	43,492	45,906	18,755	44,438	15,781	371,440	48.1
Manitoba.....	1,620	2,791	5,289	2,006	6,795	3,078	2,597	1,459	2,909	716	28,210	47.2
Saskatchewan.....	514	715	508	508	1,637	1,030	1,289	351	2,788	328	9,668	50.9
Alberta.....	824	1,582	1,916	991	3,235	1,567	2,849	441	2,855	373	16,633	48.9
British Columbia.....	3,844	8,815	25,312	6,495	23,468	1,886	3,248	556	3,059	1,023	77,706	45.2
Yukon and Northwest Territories.....	3	1	—	—	57	—	—	—	15	4	80	50.3
Totals ²	45,414	83,293	76,141	67,306	182,798	89,878	100,621	42,214	128,751	42,618	850,034	49.1
Industrial Group												
Vegetable products.....	9,547	7,436	3,702	5,328	13,409	6,867	11,774	4,243	14,795	8,176	85,277	49.4
Animal products.....	2,608	4,636	2,457	4,073	8,719	6,414	5,348	2,437	3,481	38,896	47.6	
Textiles and textile products.....	2,353	6,955	5,868	3,758	8,634	12,974	4,269	4,133	4,789	1,632	55,365	48.0
Wood and paper products.....	8,416	12,538	12,155	11,152	31,884	11,667	18,765	9,641	44,111	7,202	167,531	50.7
Iron and its products.....	15,040	36,421	40,727	30,380	72,720	28,652	39,539	17,716	47,401	20,237	348,833	49.1
Non-ferrous metal products.....	2,855	6,200	3,239	5,653	23,854	9,635	7,760	2,286	6,078	1,524	69,084	48.2
Non-metallic mineral products.....	1,231	2,536	3,397	1,183	8,091	1,361	2,763	684	3,339	1,215	29,770	48.5
Chemicals and allied products.....	2,426	5,159	2,721	3,004	16,856	2,144	9,113	605	4,071	1,429	47,528	48.0
Miscellaneous industries.....	938	1,412	1,875	2,775	1,661	1,104	1,290	469	686	1,307	12,577	46.4

¹ Including overtime.² Exclusive of "dairy factories" and "fish-curing and -packing" plants.

20.—Wage-Earners Working Specified Weekly Hours¹ in Month of Highest Employment, by Sex, Province and Industrial Group, 1944—Con.

Province or Industrial Group	Hours Worked per Week										Total Wage-Earners	Average Hours Worked per Week
	FEMALE											
	30 or Less	31-43	44	45-47	48	49-50	51-54	55	56-64	65 or Over		
Prince Edward Island.....	51	90	20	3	73	9	14	1	51	18	330	44.5
Nova Scotia ²	384	531	776	543	1,384	750	286	127	649	64	5,494	46.8
New Brunswick.....	399	645	298	441	1,165	623	205	76	203	24	4,079	44.8
Quebec.....	9,105	23,671	11,444	14,434	27,367	13,995	12,128	5,065	4,019	911	192,139	45.0
Ontario.....	29,096	36,205	15,665	20,777	23,653	18,750	13,877	4,023	5,439	2,128	169,613	42.8
Manitoba.....	996	2,521	2,982	1,247	2,457	688	498	54	130	15	11,579	45.0
Saskatchewan.....	222	301	204	243	655	68	67	16	43	9	1,828	43.9
Alberta.....	304	830	1,093	614	1,059	293	173	15	303	52	4,736	44.7
British Columbia.....	1,846	3,193	4,217	2,977	4,413	428	711	374	705	207	19,071	43.8
Yukon and Northwest Territories.....	—	—	—	—	—	—	—	—	2	—	2	60.0
Totals ²	42,403	67,987	36,699	41,279	62,226	35,595	27,959	9,751	11,544	3,428	338,871	43.6
Industrial Group												
Vegetable products.....	13,330	11,484	3,781	6,263	8,270	4,067	4,129	1,797	4,217	1,729	59,087	42.3
Animal products ²	2,746	4,846	2,279	3,461	3,165	2,824	1,597	3,777	418	82	21,795	42.9
Textiles and textile products.....	9,385	20,824	14,043	11,560	16,717	13,410	3,391	2,703	604	169	92,806	43.1
Wood and paper products.....	5,020	5,741	4,670	3,484	4,235	2,186	1,633	896	844	160	28,869	41.9
Iron and its products.....	4,804	9,857	4,457	7,570	12,824	5,730	8,539	3,048	4,070	1,180	62,079	46.2
Non-ferrous metal products.....	2,805	5,666	2,773	3,658	4,254	5,900	4,232	619	485	38	30,450	44.5
Non-metallic mineral products.....	289	772	403	416	1,181	216	304	44	95	22	3,742	44.2
Chemicals and allied products.....	2,658	6,983	2,616	2,864	10,770	817	3,823	121	744	26	31,422	44.0
Miscellaneous industries.....	1,366	1,814	1,677	2,003	810	445	291	146	67	22	8,041	41.3

21.—Male Wage-Earners in the Forty Leading Industries Working Specified Weekly Hours¹ in Month of Highest Employment, 1944

NOTE.—Industries ranked according to the annual number of male wage-earners employed.

Industry	Hours Worked per Week										Total Wage-earners	Hours Worked per Week
	30 or less	31-43	44	45-47	48	49-50	51-54	55	56-64	65 or Over		
No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
1 Shipbuilding and repairs.....	3,218	7,271	19,617	5,861	10,067	3,122	2,738	2,249	9,065	5,555	68,763	48-3
2 Aircraft.....	2,445	5,524	815	4,175	11,251	2,051	14,313	3,321	3,321	3,602	56,337	50-6
3 Sawmills.....	1,409	1,797	1,598	1,225	12,651	2,341	8,107	2,478	30,035	1,419	63,120	54-1
4 Pulp and paper.....	1,653	2,352	578	1,343	9,375	1,994	4,072	7,385	6,995	3,625	34,352	51-4
5 Railway rolling-stock.....	1,413	2,370	8,360	1,952	9,718	1,748	1,641	3,888	1,046	256	28,958	46-1
6 Primary iron and steel.....	1,113	3,589	1,345	1,727	10,533	1,210	2,319	1,990	5,442	1,219	29,593	49-3
7 Miscellaneous chemical products.....	1,346	3,088	947	1,539	10,622	1,232	7,947	2,988	5,335	759	29,698	48-2
8 Miscellaneous iron and steel products.....	1,306	3,501	804	2,311	16,308	2,082	3,916	1,097	1,868	489	27,681	50-9
9 Electrical apparatus and supplies.....	506	1,918	1,212	2,630	2,316	6,581	3,916	1,097	1,868	489	27,681	48-8
10 Non-ferrous metal smelting and refining.....	758	1,859	1,378	2,630	2,316	6,581	3,916	1,097	1,868	489	27,681	48-8
11 Machinery.....	656	2,308	1,358	2,692	9,062	896	1,537	2,450	3,677	1,054	21,629	50-8
12 Automobiles.....	943	515	470	599	3,847	1,584	3,628	2,450	3,677	1,054	21,629	46-3
13 Bread and other bakery products.....	1,321	1,657	501	1,231	3,171	2,870	4,017	1,165	3,433	335	17,108	50-4
14 Slaughtering and meat packing.....	867	1,698	542	1,727	2,007	2,371	2,996	924	2,147	522	17,040	48-4
15 Automobile supplies.....	645	1,370	901	1,299	1,643	2,143	1,979	846	2,325	629	15,183	49-1
16 Rubber goods, including rubber footwear.....	907	2,170	509	1,458	2,299	1,848	2,189	846	2,188	394	14,408	50-7
17 Brass and copper products.....	970	1,980	506	1,458	2,464	1,821	2,093	311	2,166	275	13,492	47-0
18 Cotton yarn and cloth.....	221	218	32	183	2,384	7,065	2,407	851	2,384	787	14,291	48-6
19 Hardware, tools and cutlery.....	659	974	809	880	1,006	1,839	1,530	2,037	2,345	655	12,102	49-8
20 Sheet metal products.....	774	1,365	1,093	1,135	1,842	2,220	1,321	813	1,225	602	12,714	50-8
21 Furniture.....	689	1,067	1,075	2,270	732	1,855	1,176	1,903	1,225	602	12,393	48-3
22 Agricultural implements.....	226	665	302	2,171	4,430	629	1,277	711	898	117	11,698	47-2
23 Planning mills, sash and door factories.....	720	797	1,208	672	874	1,909	1,274	883	2,272	300	10,909	48-6
24 Boots and shoes, leather.....	530	1,327	776	1,749	976	1,899	1,021	701	312	58	9,349	46-3
25 Printing and publishing.....	676	2,128	1,322	1,094	1,705	3,955	312	75	265	133	8,109	43-3
26 Bridge and structural steel.....	599	1,290	317	1,145	317	2,347	675	112	808	124	8,209	46-8
27 Printing and bookbinding.....	568	989	1,343	844	904	335	349	97	347	204	7,780	44-6
28 Fruit and vegetable preparations.....	4,717	1,568	282	647	450	675	964	569	3,141	4,449	17,492	49-0
29 Clothing, men's factory.....	185	1,869	2,848	429	1,055	298	181	26	76	12	6,979	43-0
30 Hosiery and knitted goods.....	263	419	223	732	1,672	1,026	686	685	491	153	6,350	48-9
31 Acids, alkalis and salts.....	234	402	313	187	3,392	150	332	93	1,050	138	6,350	49-0
32 Machine shops.....	715	735	797	539	756	920	950	331	1,126	685	7,554	49-0
33 Silk and artificial silk.....	270	549	113	443	742	1,582	596	487	1,011	342	6,135	50-4
34 Petroleum products.....	108	846	1,950	141	1,746	1,04	312	35	316	71	5,635	45-7
35 Heating and cooking apparatus.....	192	597	223	400	1,445	843	515	386	796	164	5,583	49-3
36 Breweries.....	283	239	740	303	352	387	589	277	1,515	577	5,463	52-3
37 Clothing, women's factory.....	316	2,048	1,335	549	690	187	143	16	943	4	5,307	41-5
38 Flour and feed mills.....	296	272	201	139	1,001	343	779	118	1,126	432	5,331	51-2
39 Boxes, wood.....	535	384	201	251	578	630	566	1,149	832	284	5,410	49-8
Totals, Forty Leading Industries ²	35,235	67,363	62,840	53,359	157,051	66,424	83,688	32,779	110,685	35,470	704,903	49-2
Totals, All Industries.....	45,414	83,293	76,141	67,306	183,798	89,878	100,621	42,211	128,751	42,618	850,031	49-1

¹ Includes overtime. ² Figures are exclusive of those for "butter and cheese" and "fish curing and packing" which are among the leading industries. Figures for these industries are not available.

HOURS WORKED IN THE FORTY LEADING INDUSTRIES

45

NOTE.—Industries ranked according to the annual number of female wage-earners employed.

Industry	Hours Worked per Week										Total Wage-Earners	Average Hours Worked per Week
	30 or Less	31-43	44	45-47	48	49-50	51-54	55	56-64	65 or Over		
1 Miscellaneous chemical products.....	No. 1,767	No. 4,534	No. 4,433	No. 1,912	No. 9,836	No. 619	No. 3,601	No. 101	No. 581	No. 12	No. 23,906	44.9
2 Electrical apparatus and supplies.....	1,615	3,423	731	2,838	1,690	4,473	3,382	559	199	12	19,922	44.9
3 Aircraft.....	990	2,574	503	2,223	4,417	1,020	5,771	1,486	1,572	361	20,917	48.3
4 Clothing, women's factory.....	2,415	6,676	4,306	2,460	2,341	294	100	21	28	—	18,729	40.0
5 Clothing, men's factory.....	1,215	4,331	5,424	2,460	4,308	1,332	347	12	19	1	18,564	42.8
6 Hosiery and knitted goods.....	1,848	3,337	963	2,521	3,141	1,985	776	778	79	2	15,430	43.1
7 Cotton yarn and cloth.....	677	552	79	384	2,668	5,234	478	424	37	—	10,583	47.1
8 Miscellaneous iron and steel products.....	1,273	2,026	286	2,007	3,349	792	507	224	1,284	604	12,352	46.1
9 Boots and shoes; leather.....	665	1,812	770	1,585	812	1,495	535	247	63	4	7,988	43.7
10 Biscuits, confectionery, cocoa, etc.....	2,156	1,491	665	1,652	1,199	574	344	248	91	—	8,620	40.4
11 Bread and other bakery products.....	1,479	811	695	773	2,766	388	565	218	158	32	7,885	42.6
12 Fruit and vegetable preparations.....	5,598	3,191	553	1,229	1,002	1,199	1,435	537	3,113	1,588	19,595	43.7
13 Tobacco, cigars and cigarettes.....	715	1,862	302	546	1,287	336	747	102	347	5	6,249	43.1
14 Rubber goods, including rubber footwear.....	1,121	1,715	318	843	676	97	613	97	237	29	6,588	41.8
15 Boxes and bags, paper.....	951	1,340	616	731	609	679	440	66	82	—	5,482	41.4
16 Slaughtering and meat packing.....	677	1,189	191	737	1,054	679	440	74	94	17	5,152	43.0
17 Printing and bookbinding.....	1,351	1,025	1,680	471	579	130	144	13	114	38	5,554	39.8
18 Silk and artificial silk.....	400	710	135	564	689	1,175	243	13	76	32	5,576	45.6
19 Sheet metal products.....	630	921	486	772	772	929	319	374	148	45	5,410	44.3
20 Automobile supplies.....	638	1,322	280	586	554	631	487	89	422	22	5,021	43.6
21 Woollen cloth.....	442	580	228	556	234	898	589	358	87	5	3,947	45.3
22 Brass and copper products.....	350	879	437	265	588	991	631	20	203	12	4,385	45.0
23 Hardware, tools and cutlery.....	428	1,333	251	434	283	941	395	309	190	49	3,867	45.6
24 Medicinal and pharmaceutical preparations.....	388	1,017	521	278	60	52	72	9	31	7	3,893	40.5
25 Miscellaneous food products.....	1,386	794	574	631	420	75	72	9	16	2	3,979	37.1
26 Scientific and professional equipment.....	171	478	480	1,111	170	90	87	4	14	2	2,007	43.2
27 Miscellaneous paper products.....	615	659	361	369	397	356	255	37	48	3	3,100	41.2
28 Hats and caps.....	415	1,358	451	308	289	97	42	16	11	3	2,924	44.2
29 Shipbuilding and repairs.....	147	310	586	173	335	317	152	13	88	13	2,010	44.2
30 Machinery.....	209	548	338	247	300	317	427	207	134	17	2,744	45.5
31 Miscellaneous leather goods.....	411	576	509	430	327	115	54	4	11	—	2,437	40.6
32 Clothing contractors, men's.....	98	314	520	207	729	113	94	3	10	—	2,088	44.4
33 Agricultural implements.....	35	147	91	262	1,010	123	153	135	85	1	2,040	45.8
34 Woollen yarn.....	330	324	55	263	189	655	96	63	33	1	1,989	43.2
35 Printing and publishing.....	490	422	378	193	302	99	59	12	29	12	1,996	39.6
36 Furniture.....	279	396	287	612	191	118	108	75	13	14	2,093	42.5
37 Corsets.....	103	346	180	830	292	162	177	32	203	—	1,913	43.7
38 Fur goods.....	196	628	275	131	256	82	47	2	5	58	2,038	44.1
39 Gloves and mittens, leather.....	342	258	314	241	461	258	47	2	—	—	1,898	42.0
40 Glass products.....	170	358	162	277	558	147	97	38	58	21	1,886	44.3
Totals, Forty Leading Industries ²	35,190	56,117	29,489	34,474	51,269	30,721	24,982	7,788	10,013	3,024	283,107	43.7
Totals, All Industries ²	42,403	67,957	36,659	41,279	67,226	35,595	27,959	9,751	11,544	3,428	338,871	43.6

¹ Includes overtime.

² Figures are exclusive of those for "butter and cheese" and "fish curing and packing", which are among the leading industries. Figures for these industries are not available.

Subsection 3.—Salaries and Wages in Manufacturing Industries

In 1944 the 28,483 establishments covered, employed 192,558 salaried employees and 1,030,324 wage-earners, a total of 1,222,882 persons. Out of every 1,000 persons employed in manufacturing 157 were classed as salary earners and 843 as wage-earners; the former earned 20.6 p.c. and the latter 79.4 p.c. of the total amount paid out as remuneration for services.

A notable feature during the past few years was the reduction in the disparity between average annual salaries and wages. Whereas in 1939 average annual wages were only 55.8 p.c. of average annual salaries, in 1943 the percentage rose to 75.8 and declined to 72.0 in 1944. This tendency towards equalization was, in part, due to the controls adopted by the Government which tended to stabilize salaries more so than wages. The increase in average wages was also influenced by the fact that large numbers of wage-earners were employed in the highly paid iron and steel industries and by the increase in number of hours worked, some of it at overtime pay.

Ontario has a larger proportion of females among its salaried employees than the other provinces. The same situation prevails in Quebec with regard to wage-earners, due, no doubt, to the textile industries of the Province. The importance of the textile industries in providing employment to females is strikingly illustrated by the fact that of all female wage-earners engaged in the manufacturing industries of Canada in 1944, 29 p.c. were found in the textile group. Normally the percentage is much higher. In 1942 to 1944 large numbers of female wage-earners were employed in the aircraft and miscellaneous chemical industries. For this reason the percentage employed in the textile industries declined.

The average salary in 1944 amounted to \$2,171 which was \$425 or 24.3 p.c. higher than in 1939. Salaried employees in Ontario with \$2,273 received the highest salary. British Columbia came second with \$2,190 and Quebec third with \$2,159. The fact that head offices of many large corporations are located in Montreal, Toronto, Vancouver and Winnipeg tends to raise the average salaries in the provinces in which these cities are located.

23.—Salaries and Wages Paid in Manufacturing Industries, by Provinces and Industrial Groups, 1944, with Totals for Significant Years, 1917-43

Year	Salaries				Wages			
	Salaried Employees		Total Salaries	Average Salaries	Wage-Earners		Total Wages	Average Wages
	Male	Female			Male	Female		
	No.	No.	\$	\$	No.	No.	\$	\$
1917.....	64,918		85,353,667	1,315	541,605		412,448,177	762
1920.....	78,334		141,837,361	1,811	520,559		575,656,515	1,106
1922.....	71,586		129,836,831	1,814	384,670		359,560,399	935
1924.....	54,379	15,641	130,344,822	1,857	322,719	94,871	404,122,853	968
1926 ¹	58,245	17,092	142,353,900	1,890	374,244	109,580	483,328,342	999
1929 ¹	67,731	21,110	175,553,710	1,976	454,768	122,922	601,737,507	1,042
1930 ¹	64,161	20,550	169,992,216	2,007	416,790	113,195	527,563,162	995
1931 ²	71,198	20,293	172,289,095	1,883	337,636	99,513	415,277,895	950
1932.....	68,264	18,786	151,355,790	1,739	288,817	92,966	322,245,926	844

¹ The Averages of wage-earners and earnings for the years 1931 to 1943 are strictly comparable with those for the years up to 1925 but not with those for the intervening years. The figures for the latest years—as for the earliest—represent the earnings for complete man-years of work, with no allowance for periods of unemployment. The difference amounts only to about 3 or 4 p.c. in the total figures and affects chiefly the seasonal industries.

² The increase in the number of salaried employees in 1931 is due to the following changes in method: (1) Prior to 1931 working proprietors, such as bakers, sawmill operators, small clothing manufacturers, etc., were required to report themselves as wage-earners. In 1931 and subsequent years, however, all such proprietors reported themselves as salaried employees. (2) In 1931 travelling salesmen who were attached to the plant, and devoted all or the greater part of their time to selling the products of that plant, were included with salaried employees. Prior to this they were not reported at all.

23.—Salaries and Wages Paid in Manufacturing Industries, by Provinces and Industrial Groups, 1944, with Totals for Significant Years, 1917-43—concluded

Year	Salaries				Wages				
	Salaried Employees		Total Salaries	Average Salaries	Wage-Earners		Total Wages	Average Wages	
	Male	Female			Male	Female			
	No.	No.	\$	\$	No.	No.	\$	\$	
1933.....	67,875	18,761	139,317,946	1,608	287,266	94,756	296,929,878		777
1934.....	71,963	20,132	148,760,126	1,615	326,598	101,119	355,090,929		830
1935.....	76,213	21,717	160,455,080	1,638	353,790	101,944	399,012,697		870
1936.....	81,409	23,008	173,198,057	1,659	379,977	109,965	438,873,377		896
1937.....	91,092	24,735	195,983,475	1,692	427,285	117,339	525,743,562		965
1938.....	95,270	25,319	207,386,381	1,719	409,172	112,255	498,282,208		956
1939.....	98,165	26,607	217,839,334	1,746	415,488	117,854	519,971,819		975
1940.....	104,267	31,493	241,599,761	1,780	491,439	135,045	679,273,104		1,084
1941.....	117,251	41,693	286,336,861	1,801	626,825	175,409	978,525,782		1,220
1942.....	123,125	54,062	334,870,793	1,890	732,319	242,585	1,347,934,049		1,383
1943.....	128,679	64,516	388,857,505	2,013	762,854	285,019	1,598,434,879		1,525
PROVINCES, 1944 ¹									
Prince Edward Island.....	274	90	340,735	936	956	466	1,354,028		952
Nova Scotia.....	3,357	1,393	8,038,033	1,692	28,059	5,003	51,902,378		1,570
New Brunswick.....	2,393	910	5,927,148	1,794	15,829	4,032	26,417,932		1,330
Quebec.....	43,613	19,537	136,345,080	2,159	254,412	106,553	531,810,973		1,473
Ontario.....	58,832	35,547	214,556,603	2,273	330,502	139,511	760,481,457		1,618
Manitoba.....	4,504	2,153	12,970,760	1,948	24,737	9,543	49,787,321		1,452
Saskatchewan.....	2,169	885	4,629,279	1,516	7,562	1,745	13,073,824		1,405
Alberta.....	2,855	1,272	7,292,403	1,767	13,912	4,147	25,935,326		1,436
British Columbia.....	8,840	3,912	27,933,075	2,190	68,622	14,688	150,706,043		1,809
Yukon and Northwest Territories.....	21	1	32,478	1,476	44	1	86,494		1,922
Totals, 1944.....	126,858	65,700	418,065,594	2,171	744,635	285,689	1,611,555,776		1,564
INDUSTRIAL GROUP, 1944 ¹									
Vegetable products.....	16,912	7,701	49,702,771	2,019	65,788	40,278	134,241,177		1,266
Animal products.....	11,588	5,026	31,018,679	1,867	53,797	23,784	98,196,710		1,266
Textiles and textile products.....	10,924	6,851	44,529,327	2,505	51,284	84,063	151,276,354		1,118
Wood and paper products.....	26,744	10,239	70,547,540	1,908	128,117	24,574	213,889,019		1,401
Iron and its products.....	33,745	19,657	123,083,083	2,305	308,747	49,795	695,369,371		1,939
Non-ferrous metal products.....	10,643	6,469	39,496,337	2,308	61,300	25,902	143,412,955		1,645
Non-metallic mineral products.....	3,840	1,560	12,458,871	2,307	22,964	3,226	43,671,467		1,667
Chemicals and allied products.....	8,742	5,971	34,080,087	2,316	41,045	26,064	103,342,890		1,540
Miscellaneous industries.....	3,720	2,226	13,148,899	2,211	11,593	8,003	28,155,833		1,437

¹ For statistics of annual earnings of wage-earners, by sex, see Table 26.

The average wage in 1944 amounted to \$1,564 which was \$589 or 60.4 p.c. higher than in 1939. The manufacturing industries of British Columbia paid the highest average wages of \$1,809 per annum, followed by Ontario with \$1,618, Nova Scotia \$1,570, Quebec \$1,473, Manitoba \$1,452, etc. The high figures shown for Yukon and the Northwest Territories in regard to average wages are due to the unusual conditions under which industry is carried on in these regions and are not representative. Statistics of the distribution of employees by province and groups as well as average annual earnings are given in Table 23, and for a subdivision of wage-earners by sex, see Table 26.

Average Annual Earnings in the Forty Leading Industries.—In only nine industries did average salaries exceed \$2,500 in 1944; pulp and paper, bridge and structural steel, breweries, automobiles, petroleum products, men's factory clothing, railway rolling-stock, silk, and cotton yarn and cloth. In twenty-four they ranged between \$2,000 and \$2,500, in four they ranged between \$1,500 and \$2,000, and in the remaining three they were below \$1,500. The lowest salaries were reported by the sawmilling, butter and cheese, and bread industries, each of which includes a large proportion of small establishments.

The highest annual wages, those above \$1,900, were paid in nine industries, in all of which the proportion of skilled workers is high and the proportion of female workers is low. The automobile industry with \$2,347 was the highest in this group, followed by bridge and structural steel with \$2,111, shipbuilding and repairs \$2,055, railway rolling stock \$2,010, aircraft \$1,998, miscellaneous iron and steel products \$1,983, petroleum products \$1,953, primary iron and steel \$1,930, and scientific and professional equipment \$1,923. In twelve other industries average wages ranged between \$1,600 and \$1,900 in all of which the proportion of female workers is low. In fifteen other industries average wages ranged between \$1,100 and \$1,600, while in the remaining four they were below \$1,100. The latter group includes industries made up of a large number of small establishments and in which the proportion of female workers is high. Fruit and vegetable preparations, biscuits and confectionery, hosiery and knitted goods, and leather boots and shoes are the industries included in this group. Employment by sex and average annual earnings in the forty leading industries is given in Table 24, and the annual earnings by sex in Tables 27 and 28.

24.—Salaries and Wages Paid in the Forty Leading Industries, 1944, with Comparative Figures of Average Salaries and Wages Paid in 1943

NOTE.—Industries ranked according to the aggregate salaries and wages paid. For a subdivision of annual earnings of wage-earners, by sex, see Tables 27 and 28.

Industry	Salaries						Wages					
	Salaried Employees		Total Salaries	Average Salaries		Wage-Earners		Total Wages	Average Wages			
	Male	Female				Male	Female					
	No.	No.	\$	1944	1943	No.	No.	\$	1944	1943	\$	\$
1 Aircraft.....	8,402	5,571	29,957,380	2,144	1,545	48,391	17,208	131,097,630	1,998	1,871		
2 Shipbuilding and repairs.....	3,167	1,452	10,626,142	2,301	1,881	59,960	2,497	128,341,104	2,055	2,036		
3 Electrical apparatus and supplies.....	5,691	3,828	21,442,886	2,253	2,141	21,903	17,412	60,861,574	1,548	1,518		
4 Miscellaneous chemical products.....	3,153	2,298	12,017,726	2,205	1,941	25,134	19,852	69,991,103	1,556	1,486		
5 Pulp and paper.....	3,948	1,540	15,617,507	2,846	2,724	31,148	1,260	60,215,901	1,858	1,787		
6 Miscellaneous iron and steel products.....	3,247	2,019	12,214,208	2,319	2,159	22,752	8,945	62,862,667	1,983	1,946		
7 Railway rolling-stock.....	1,786	373	5,583,224	2,588	2,256	27,293	459	55,771,990	2,010	1,925		
8 Primary iron and steel.....	1,556	1,008	6,408,337	2,499	2,329	27,055	1,144	54,428,694	1,930	1,883		
9 Automobiles.....	2,112	1,221	8,893,269	2,668	2,505	18,869	297	44,986,713	2,347	2,351		
10 Sawmills.....	6,962	537	7,123,598	950	990	35,053	964	44,392,487	1,233	1,155		
11 Machinery.....	3,297	2,008	11,894,182	2,242	2,137	19,084	2,303	38,558,387	1,803	1,812		
12 Non-ferrous metal smelting and refining.....	2,445	926	7,816,181	2,319	2,122	19,550	1,006	36,720,810	1,786	1,768		
13 Slaughter and meat packing.....	2,871	1,359	8,993,885	2,126	2,028	15,050	4,587	29,703,904	1,514	1,483		
14 Automobile supplies.....	1,437	1,013	5,638,778	2,302	2,188	13,808	4,108	33,032,952	1,844	1,823		
15 Rubber goods, including rubber footwear.....	2,240	1,285	7,793,127	2,211	2,089	12,358	5,538	28,185,590	1,575	1,488		
16 Clothing, men's factory.....	2,439	1,263	9,610,626	2,596	2,313	6,508	16,806	25,756,908	1,105	1,040		
17 Bread and other bakery products.....	3,209	1,212	6,531,441	1,477	1,406	16,090	7,019	28,632,695	1,239	1,191		
18 Clothing, women's factory.....	2,451	1,524	9,717,205	2,445	2,242	4,833	17,002	24,952,153	1,143	1,061		
19 Brass and copper products.....	1,295	822	5,235,981	2,473	2,375	12,169	3,347	28,254,373	1,821	1,804		
20 Printing and publishing.....	5,593	3,313	16,007,556	1,797	1,738	7,638	1,784	15,614,098	1,657	1,575		
21 Hardware, tools and cutlery.....	1,290	1,066	5,637,301	2,393	2,315	10,898	3,105	24,153,375	1,725	1,634		
22 Castings, iron.....	1,015	562	3,722,871	2,361	2,213	13,317	665	25,229,250	1,804	1,758		
23 Cotton yarn and cloth.....	687	522	3,096,019	2,561	2,568	11,203	9,488	24,769,524	1,197	1,124		
24 Sheet metal products.....	1,321	832	4,790,036	2,225	2,083	10,533	4,166	22,350,937	1,521	1,488		

24.—Salaries and Wages Paid in the Forty Leading Industries, 1944, with Comparative Figures of Average Salaries and Wages Paid in 1943—concluded

Industry	Salaries						Wages					
	Salaried Employees		Total Salaries	Average Salaries			Wage-Earners		Total Wages	Average Wages		
	Male	Female		1944	1943		Male	Female		1944	1943	
	No.	No.	\$	\$	\$		No.	No.	\$	\$	\$	
25 Hosiery and knitted goods.....	1,152	938	5,044,705	2,414	2,276		6,199	14,650	20,490,572	983	934	
26 Agricultural implements.....	1,280	726	4,237,401	2,112	1,946		10,222	1,825	21,231,682	1,762	1,718	
27 Butter and cheese.....	3,440	1,618	6,550,880	1,295	1,218		11,935	1,629	18,807,590	1,387	1,253	
28 Printing and bookbinding.....	2,764	1,256	7,879,636	1,960	1,869		7,168	4,454	14,946,082	1,286	1,247	
29 Boots and shoes, leather.....	1,497	634	4,947,699	2,322	2,190		8,968	7,539	17,688,495	1,072	1,023	
30 Scientific and professional equipment.....	1,546	971	5,648,077	2,244	1,898		4,497	2,830	14,086,226	1,923	1,816	
31 Furniture.....	1,278	519	3,853,790	2,145	2,037		10,475	1,774	15,727,038	1,284	1,226	
32 Bridge and structural steel.....	861	354	3,430,862	2,824	2,786		7,223	346	15,979,043	2,111	2,025	
33 Biscuits, confectionery, cocoa, etc.....	1,801	793	5,969,940	2,301	2,211		4,244	7,422	11,355,637	973	931	
34 Fruit and vegetable preparations.....	1,204	637	3,432,826	1,865	1,769		6,622	6,905	12,979,162	960	909	
35 Acids, alkalies and salts.....	1,031	415	3,604,323	2,493	2,388		6,026	492	12,148,459	1,864	1,756	
36 Silk and artificial silk.....	647	465	2,867,044	2,578	2,431		5,829	4,374	12,096,545	1,186	1,125	
37 Planing mills, sash and door factories.....	1,462	424	3,218,535	1,707	1,714		9,012	461	11,640,083	1,229	1,201	
38 Machine shops.....	1,132	444	3,378,029	2,143	1,979		5,840	592	11,139,054	1,732	1,663	
39 Petroleum products.....	1,122	317	3,830,988	2,662	2,615		5,177	193	10,486,951	1,953	1,947	
40 Breweries.....	1,241	327	4,410,331	2,813	2,712		4,952	605	9,778,202	1,760	1,679	
Totals, Forty Leading Industries.....	95,072	48,392	308,674,532	2,152	-		604,986	207,053	1,329,445,640	1,637	-	
Grand Totals, All Industries.....	126,858	65,700	418,065,594	2,171	2,013		744,635	285,689	1,611,555,776	1,564	1,525	

Average Annual, Weekly and Hourly Earnings.—In comparing earnings by provinces or groups, consideration should be given to the type of industries in each case since the distribution of industries has very definitely a regional significance. In some industries a labour force possessing deftness and speed or the ability to exercise muscular strength is necessary, in others the labour force must exercise craftsmanship or possess a high degree of technical knowledge. Workers in these latter industries naturally command relatively higher wages than those employed in industries whose employees are routine workers.

The ranking of provinces and industries as regards annual earnings is in many cases different to that of weekly or hourly earnings since the factors of number of weeks worked per year and number of hours worked per week enter into the picture. So that, while in general the same observations apply, a close study of the differences between the averages shown in Tables 23 and 24 will be of value to the student.

The figures given in Tables 25 to 28 are based on an analysis of a pay-list covering one week in the month of highest employment. For this reason the figures do not refer to any particular month, since the month of highest employment might be May for one firm and October for another; they represent the summation of the

different months of highest employment as reported by all the firms. For a particular industry, however, the month of highest employment is more significant as in such case it coincides for a great number of firms engaged in the same industry.

Average weekly earnings of male wage-earners for manufacturing as a whole amounted to \$34.95 in 1944, an increase of \$12.72 or 57.2 p.c. as compared with 1939. Average hourly earnings advanced from 46.2 cents in 1939 to 71.2 cents in 1944, an increase of 54.1 p.c. Annual earnings at \$1,761 were 63.7 p.c. higher than in 1939.

Female wage-earners received on an average \$20.89 per week in 1944, an increase of \$8.11 or 63.5 p.c. as compared with 1939. Hourly earnings at 47.9 cents were 69.2 p.c. higher, while annual earnings at \$1,051 were 69.8 p.c. higher.

25.—Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners, 1934-44

Year	Average Earnings			Hours Worked per week
	Annual	Weekly	Hourly	
	\$	\$	\$	No.
ALL WAGE-EARNERS				
1934.....	830	18.30	0.370	49.2
1935.....	870	18.50	0.378	48.7
1936.....	896	18.96	0.387	48.7
1937.....	965	²	²	48.8
1938.....	956	19.49	0.415	46.7
1939.....	975	20.14	0.422	47.2
1940.....	1,084	22.35	0.443	50.1
1941.....	1,220	24.95	0.490	50.5
1942.....	1,383	28.18	0.557	50.2
1943.....	1,525	29.87	0.606	48.8
1944.....	1,564	31.05	0.654	47.5
MALE				
1934.....	930	20.31	0.407	49.9 ¹
1935.....	966	20.41	0.413	49.4 ¹
1936.....	995	20.92	0.423	49.4 ¹
1937.....	²	²	²	²
1938.....	1,055	21.49	0.454	47.3
1939.....	1,076	22.23	0.462	48.1
1940.....	1,202	24.83	0.488	50.9
1941.....	1,355	27.72	0.538	51.5
1942.....	1,558	31.75	0.619	51.3
1943.....	1,726	33.80	0.671	50.4
1944.....	1,761	34.95	0.712	49.1
FEMALE				
1934.....	539	11.80	0.251	46.9 ¹
1935.....	570	12.04	0.259	46.5 ¹
1936.....	577	12.20	0.262	46.5 ¹
1937.....	²	²	²	²
1938.....	594	12.10	0.271	44.6
1939.....	619	12.78	0.283	45.2
1940.....	655	13.52	0.286	47.3
1941.....	736	15.05	0.320	47.6
1942.....	854	17.41	0.371	46.9
1943.....	987	19.33	0.431	44.8
1944.....	1,051	20.89	0.479	43.6

¹ Estimated on the basis of hours worked by female wage-earners in 1938 and 1939 as compared with those worked by male wage-earners in those years.

² Not available.

26.—Average Annual, Weekly and Hourly Earnings of Wage-Earners, Classified by Sex, Province and Industrial Group, 1944

Province or Industrial Group	Average Earnings			Hours Worked per Week
	Annual	Weekly	Hourly	
MALE				
	\$	\$	Cents	No.
Prince Edward Island.....	1,172	28.10	50.0	56.3
Nova Scotia.....	1,677	34.01	68.0	50.0
New Brunswick.....	1,474	29.19	57.1	51.1
Quebec.....	1,671	33.53	65.6	51.1
Ontario.....	1,843	36.30	75.4	48.1
Manitoba.....	1,653	32.36	68.6	47.2
Saskatchewan.....	1,500	29.99	58.9	50.9
Alberta.....	1,568	31.50	64.4	48.9
British Columbia.....	1,920	38.08	84.3	45.2
Yukon and Northwest Territories.....	1,922	45.79	91.0	50.3
Canada ¹	1,761	34.95	71.2	49.1
Vegetable products.....	1,522	29.15	59.0	49.4
Animal products ¹	1,445	30.21	63.5	47.6
Textiles and textile products.....	1,482	29.49	61.4	48.0
Wood and paper products.....	1,508	29.48	58.1	50.7
Iron and its products.....	2,003	40.53	82.5	49.1
Non-ferrous metal products.....	1,846	35.65	74.0	48.2
Non-metallic mineral products.....	1,750	34.18	70.5	48.5
Chemicals and allied products.....	1,777	34.40	71.7	48.0
Miscellaneous industries.....	1,664	30.81	66.8	46.1
FEMALE				
	\$	\$	Cents	No.
Prince Edward Island.....	500	12.00	27.0	44.5
Nova Scotia.....	968	19.63	42.0	46.8
New Brunswick.....	765	15.16	33.8	44.8
Quebec.....	1,001	20.09	44.6	45.0
Ontario.....	1,084	21.35	50.2	42.5
Manitoba.....	932	18.24	42.5	42.9
Saskatchewan.....	993	19.86	45.8	43.4
Alberta.....	996	20.01	44.8	44.7
British Columbia.....	1,288	25.57	58.4	43.8
Yukon and Northwest Territories.....	—	—	—	—
Canada ¹	1,051	20.89	47.9	43.6
Vegetable products.....	848	16.25	38.4	42.3
Animal products ¹	860	17.96	41.9	42.9
Textiles and textile products.....	895	17.82	41.3	43.1
Wood and paper products.....	844	16.50	39.4	41.9
Iron and its products.....	1,546	31.30	67.7	46.2
Non-ferrous metal products.....	1,169	22.56	50.7	44.5
Non-metallic mineral products.....	1,078	21.06	47.7	44.2
Chemicals and allied products.....	1,166	22.57	51.3	44.0
Miscellaneous industries.....	1,108	20.52	49.7	41.3

¹ Exclusive of "butter and cheese" and "fish-curing and packing" plants.

27.—The Forty Industries Employing the Greatest Numbers of Male Wage-Earners, Ranked According to the Average Annual, Weekly and Hourly Earnings, 1944.

NOTE.—For the rank of these industries as regards the annual employment of male wage-earners, see Table 21.

Industry	Average Weekly Earnings		Average Hourly Earnings		Average Annual Earnings		Average Hours Worked per Week
	Amount	Rank	Amount	Rank	Amount	Rank	
	\$		\$		\$		No.
1 Automobiles.....	53.99	1	1.188	1	2,364	1	46.3
2 Aircraft.....	42.78	2	0.845	5	2,032	5	50.6
3 Miscellaneous iron and steel products.....	42.11	3	0.827	8	2,125	3	50.9
4 Bridge and structural steel.....	40.73	4	0.870	3	2,140	2	46.8
5 Shipbuilding and repairs.....	40.34	5	0.835	6	2,071	4	48.3
6 Automobile supplies.....	40.14	6	0.818	9	1,977	7	49.1
7 Railway rolling-stock.....	39.57	7	0.858	4	2,022	6	46.1
8 Primary iron and steel.....	39.45	8	0.800	12	1,955	9	49.3
9 Agricultural implements.....	39.00	9	0.802	11	1,848	16	48.6
10 Brass and copper products.....	38.55	10	0.793	13	1,943	10	48.6
11 Machine shops.....	38.42	11	0.784	15	1,800	22	49.0
12 Acids, alkalies and salts.....	38.33	12	0.782	16	1,891	12	49.0
13 Machinery.....	37.31	13	0.734	20	1,885	14	50.8
14 Hardware, tools and cutlery.....	37.04	14	0.729	21	1,915	11	50.8
15 Petroleum products.....	36.86	15	0.807	10	1,973	8	45.7
16 Electrical apparatus and supplies.....	36.78	16	0.754	18	1,883	15	48.8
17 Castings, iron.....	36.65	17	0.723	22	1,834	17	50.7
18 Clothing, women's factory.....	36.51	18	0.882	2	1,794	23	41.5
19 Pulp and paper.....	36.44	19	0.709	24	1,887	13	51.4
20 Rubber goods, including rubber footwear.....	35.89	20	0.764	17	1,814	19	47.0
21 Printing and publishing.....	35.84	21	0.828	7	1,506	29	43.3
22 Breweries.....	35.62	22	0.681	28	1,821	18	52.3
23 Miscellaneous chemical products.....	34.70	23	0.720	23	1,803	20	48.2
24 Heating and cooking apparatus.....	34.03	24	0.690	26	1,605	28	49.3
25 Non-ferrous metal smelting and refining.....	33.78	25	0.708	25	1,803	21	47.7
26 Clothing, men's factory.....	33.76	26	0.785	14	1,674	25	43.0
27 Sheet metal products.....	33.35	27	0.690	27	1,711	24	48.3
28 Slaughtering and meat packing.....	32.98	28	0.681	29	1,650	26	48.4
29 Printing and bookbinding.....	32.76	29	0.735	19	1,629	27	44.6
30 Hosiery and knitted goods.....	28.54	30	0.584	30	1,424	33	48.9
31 Flour and feed mills.....	28.46	31	0.558	33	1,453	31	51.2
32 Silk and artificial silk.....	28.08	32	0.557	34	1,425	32	50.4
33 Bread and other bakery products.....	27.88	33	0.553	35	1,464	30	50.4
34 Furniture.....	27.38	34	0.580	31	1,355	35	47.2
35 Cotton yarn and cloth.....	26.83	35	0.539	36	1,408	34	49.8
36 Sawmills.....	26.31	36	0.486	38	1,239	38	54.1
37 Boots and shoes, leather.....	26.17	37	0.565	32	1,281	36	46.3
38 Planing mills, sash and door factories.....	25.53	38	0.515	37	1,248	37	49.6
39 Boxes, wooden.....	24.04	39	0.483	39	1,217	39	49.8
40 Fruit and vegetable preparations.....	23.05	40	0.470	40	1,136	40	49.0
Average, forty leading industries.....	35.83	—	0.728	—	1,813	—	49.2
Average, all industries¹.....	34.95	—	0.712	—	1,761	—	49.1

¹ Exclusive of "butter and cheese" and "fish-curing and packing" plants.

28.—The Forty Industries Employing the Greatest Numbers of Female Wage-Earners, Ranked According to the Average Annual, Weekly and Hourly Earnings, 1944.

NOTE.—For the rank of these industries as regards the annual employment of female wage-earners, see Table 22.

Industry	Average Weekly Earnings		Average Hourly Earnings		Average Annual Earnings		Average Hours Worked per Week
	Amount	Rank	Amount	Rank	Amount	Rank	
	\$		cents		\$		No.
1 Aircraft	40.08	1	83.0	1	1,904	1	48.3
2 Shipbuilding and repairs	32.33	2	73.1	2	1,659	3	44.2
3 Miscellaneous iron and steel products	32.14	3	69.7	4	1,621	4	46.1
4 Scientific and professional equipment	31.29	4	72.4	3	1,695	2	43.2
5 Automobile supplies	28.38	5	65.1	5	1,398	5	43.6
6 Brass and copper products	27.36	6	60.8	6	1,380	6	45.0
7 Agricultural implements	27.08	7	59.1	7	1,283	7	45.8
8 Miscellaneous chemical products	23.94	8	53.3	8	1,244	8	44.9
9 Fur goods	22.36	9	50.7	9	1,032	16	44.1
10 Machinery	22.17	10	48.7	13	1,120	10	45.5
11 Electrical apparatus and supplies	22.00	11	49.0	12	1,126	9	44.9
12 Glass products	21.54	12	48.6	15	1,096	11	44.3
13 Slaughtering and meat packing	21.23	13	49.4	10	1,063	12	43.0
14 Rubber goods, including rubber footwear	20.61	14	49.3	11	1,041	14	41.8
15 Hardware, tools and cutlery	20.47	15	44.9	18	1,059	13	45.6
16 Sheet metal products	20.24	16	45.7	17	1,038	15	44.3
17 Clothing contractors, men's	19.57	17	44.1	19	868	23	44.4
18 Clothing, women's factory	19.48	18	48.7	14	958	17	40.0
19 Tobacco, cigars and cigarettes	18.75	19	43.5	20	892	21	43.1
20 Cotton yarn and cloth	18.08	20	38.4	26	949	18	47.1
21 Hats and caps	18.02	21	46.0	16	899	20	39.2
22 Clothing, men's factory	17.81	22	41.6	21	884	22	42.8
23 Furniture	17.45	23	41.1	22	863	25	42.5
24 Woollen cloth	17.44	24	38.5	25	910	19	45.3
25 Silk and artificial silk	17.08	25	37.5	29	866	24	45.6
26 Boots and shoes, leather	16.79	26	38.4	27	822	27	43.7
27 Medicinal and pharmaceutical preparations	16.41	27	40.5	23	813	28	40.5
28 Fruit and vegetable preparations	16.05	28	36.7	33	791	31	43.7
29 Miscellaneous paper products	15.97	29	38.8	24	794	30	41.2
30 Hosiery and knitted goods	15.95	30	37.0	32	796	29	43.1
31 Woollen yarn	15.87	31	36.7	34	838	26	43.2
32 Miscellaneous leather goods	15.53	32	38.3	28	773	33	40.6
33 Boxes and bags, paper	14.92	33	36.0	35	785	32	41.4
34 Printing and bookbinding	14.76	34	37.3	30	735	34	39.6
35 Corsets	14.75	35	33.8	39	703	38	43.7
36 Printing and publishing	14.73	36	37.2	31	619	40	39.6
37 Gloves and mittens, leather	14.27	37	34.0	38	704	37	42.0
38 Biscuits, confectionery, cocoa, etc.	13.81	38	34.2	36	729	35	40.4
39 Bread and other bakery products	13.80	39	32.4	40	725	36	42.6
40 Miscellaneous food products	12.64	40	34.1	37	673	39	37.1
Average, forty leading industries	21.20	—	48.5	—	1,068	—	43.7
Average, all industries¹	20.89	—	47.9	—	1,051	—	43.6

¹ Exclusive of "butter and cheese" and "fish-curing and packing" plants.

Real Earnings of Employees in Recent Years.—When the index number representing the average yearly wages is divided by the index number of the cost of living, on the same base, a measure of "real" wages is obtained. Index numbers for 1931 to 1944 are given in Table 29. In 1933, the height of the depression, real wages were 88.3 on the 1935-39 base. From then on they rose steadily and stood at 141.1 in 1944, an increase of about 60 p.c.

29.—Average Yearly Earnings, and Index Numbers of Earnings, Cost of Living and Real Wages of Wage-Earners, in Manufacturing Industries, 1931-44

NOTE.—Figures on the 1917 base, with qualifications as to comparability, for 1917 to 1930 are published at p. 421 of the 1939 Canada Year Book.

Year	Wages Paid	Average Wage-Earners	Average Yearly Earnings	Index Numbers (1935-39=100)		
				Average Yearly Earnings	Cost of Living	Real Value of Average Yearly Earnings
	\$	No.	\$			
1931.....	415,277,895	437,149	950	101.9	109.1	93.4
1932.....	322,245,926	381,783	844	90.6	99.0	91.5
1933.....	296,929,878	382,022	777	83.4	94.4	88.3
1934.....	355,090,929	427,717	830	89.1	95.7	93.1
1935.....	399,012,697	458,734	870	93.3	96.2	97.0
1936.....	438,873,377	489,942	896	96.1	98.1	98.0
1937.....	525,743,562	544,624	965	103.5	101.2	102.3
1938.....	498,282,208	521,427	956	102.6	102.2	100.4
1939.....	519,971,819	533,342	975	104.6	101.5	103.1
1940.....	679,273,104	626,484	1,084	116.3	105.6	110.1
1941.....	978,525,782	802,234	1,220	130.9	111.7	117.2
1942.....	1,347,934,049	974,904	1,383	148.4	117.0	126.8
1943.....	1,598,434,879	1,047,873	1,525	163.6	118.4	139.0
1944.....	1,611,555,776	1,030,324	1,564	167.8	118.9	141.1

Percentages of Salaries and Wages to Net Value of Products.—Table 30 shows the relation between salaries and wages paid by manufacturers and the total net value of production. Figures of gross production are often used in such calculations, but the values out of which the wages of employees must come in the long run are the values added to the raw materials while they are in the factory. Such added values constitute the real production of the manufacturing plant and are alone available for payment of salaries and wages, interest, rent, taxes, repairs, and all other overhead charges that ordinarily must be met. The percentage declined steadily with the increasing manufacturing production from 1924 to 1929, while from 1931 to 1935 and again in 1938 and 1939, due to decreased industrial activity, the percentage of salaries to value added was above normal. It should be borne in mind, however, that salaried employees increased 175 p.c. during the period 1924-44 while wage-earners increased but 147 p.c. The percentage of wages has fluctuated much less than that of salaries. The number of wage-earning employees may be more rapidly adjusted to the activity of the industry and wage levels likewise may be more readily adjusted to the price levels of the products. Of the increase in the net value of production since 1939 amounting to \$2,484,724,109, \$1,291,810,217 or 52.0 p.c. was passed along in increased salaries and wages.

30.—Percentages of Salaries and Wages Paid to the Total Net Values of Manufacturing Production, 1924-44

Year	Value Added by Processes of Manufacture ¹	Salaries Paid	Wages Paid	Percentages—		
				of Salaries to Value Added	of Wages to Value Added	of Total Salaries and Wages to Value Added
	\$	\$	\$	p. c.	p. c.	p. c.
1924.....	1,075,458,459	130,344,822	404,122,853	12.1	37.6	49.7
1925.....	1,167,936,726	133,409,498	436,534,944	11.4	37.4	48.8
1926.....	1,305,168,549	142,353,900	483,328,342	10.9	37.0	47.9
1927.....	1,427,649,292	151,419,411	511,285,921	10.6	35.8	46.4
1928.....	1,597,887,676	162,903,007	558,568,627	10.2	35.0	45.2
1929.....	1,755,386,937	175,553,710	601,737,507	10.0	34.3	44.3
1930.....	1,522,737,125	169,992,216	527,563,162	11.2	34.6	45.8
1931.....	1,252,017,248	172,289,095	415,277,895	13.8	33.2	47.0
1932.....	955,960,724	151,355,790	322,245,926	15.8	33.7	49.5
1933.....	919,671,181	139,317,946	296,929,878	15.1	32.3	47.4
1934.....	1,087,301,742	148,760,126	355,090,929	13.7	32.7	46.4
1935.....	1,153,485,104	160,455,080	399,012,697	13.9	34.6	48.5
1936.....	1,289,592,672	173,198,057	438,873,377	13.4	34.0	47.4
1937.....	1,508,924,867	195,983,475	525,743,562	13.0	34.8	47.8
1938.....	1,428,286,778	207,386,381	498,282,208	14.5	34.9	49.4
1939.....	1,531,051,901	217,839,334	519,971,819	14.2	34.0	48.2
1940.....	1,942,471,238	241,599,761	679,273,104	12.0	35.0	47.0
1941.....	2,605,119,788	286,336,861	978,525,782	11.0	37.6	48.6
1942.....	3,309,973,758	334,870,793	1,347,934,049	10.1	40.7	50.8
1943.....	3,816,413,541	388,857,505	1,598,434,879	10.2	42.0	52.2
1944.....	4,015,776,010	418,065,594	1,611,555,776	10.4	40.2	50.6

¹ Equivalent to "net value of products"; see footnote 1, Table 1, p. 7.

Subsection 4.—Size of Manufacturing Establishments

The size of the manufacturing establishment is generally measured either by the value of product, or by the number of employees, but each of these methods has its limitations. The latter takes no account of the differences in capital equipment at different times or in various industries and obviously the increased use of machinery, as in the flour-milling industry, may lead to an increase in production concurrently with a decrease in the number of employees. The former measure has to be adjusted for changes in the price level; and, as between industries, it makes those in which the cost of raw materials is relatively high, appear to operate on a larger scale.

Size as Measured by Gross Value of Products.—While in 1922 the 420 establishments each producing over \$1,000,000 had an aggregate value of products of \$1,268,056,129 or 51 p.c. of the total production of all manufacturing industries, the 719 establishments producing over \$1,000,000 each in 1929 had an aggregate value of products of \$2,516,064,954, or 62 p.c. of the grand total for all manufacturing establishments—a very significant change in the short period of eight years. In 1931, however, the number of plants with a production of over \$1,000,000 dropped again to 482, their output being valued at \$1,451,658,954, or 53 p.c. of the total. With the increased production resulting from war needs, the number of plants with a production of \$1,000,000 or over jumped to 1,376 in 1944, and their output was about 75 p.c. of the total value of manufactures.

31.—Manufacturing Establishments, Grouped According to Gross Value of Products, with Totals and Average Values of Products in each Class, for Canada, 1929, 1939, 1943 and 1944.

Group of Gross Values	1929 ¹			1939 ²		
	Estab- lishments	Total Production	Average per Estab- lishment	Estab- lishments	Total Production	Average per Estab- lishment
	No.	\$	\$	No.	\$	\$
Under \$25,000.....	14,024	106,735,470	7,611	15,623	120,903,054	7,738
\$ 25,000 but under \$ 50,000.....	2,802	99,529,725	35,521	2,803	99,558,383	35,519
50,000 " 100,000.....	2,209	156,308,744	70,760	2,215	156,410,769	70,614
100,000 " 200,000.....	1,688	237,532,492	140,718	1,584	225,582,130	142,413
200,000 " 500,000.....	1,519	504,218,217	331,941	1,285	390,626,844	303,990
500,000 " 1,000,000.....	636	443,597,677	697,481	689	466,441,130	676,983
1,000,000 " 5,000,000.....	601	1,217,866,089	2,026,400	520	1,091,293,939	2,098,642
5,000,000 and over.....	118	1,298,198,865	11,001,685	81	923,724,311	11,404,004
Totals and Averages.....	23,597	4,063,987,279	172,225	24,800	3,474,540,560	140,102
	1943			1944		
Under \$25,000.....	13,954	124,794,223	8,943	13,942	128,782,147	9,237
\$ 25,000 but under \$ 50,000.....	3,781	135,438,061	35,821	4,011	143,023,914	35,658
50,000 " 100,000.....	3,216	228,807,450	71,147	3,442	245,273,500	71,259
100,000 " 200,000.....	2,390	341,815,362	143,019	2,513	355,235,489	141,359
200,000 " 500,000.....	2,108	664,348,960	315,156	2,256	714,546,348	316,731
500,000 " 1,000,000.....	916	647,958,228	707,378	943	661,670,696	701,666
1,000,000 " 5,000,000.....	1,006	2,115,862,125	2,103,243	1,089	2,294,546,053	2,107,021
5,000,000 and over.....	281	4,473,836,590	15,921,127	287	4,530,614,372	15,786,113
Totals and Averages.....	27,652	8,732,860,999	315,813	28,483	9,073,692,519	318,565

¹ Includes central electric stations and dyeing, cleaning and laundry establishments.
of Yukon and the Northwest Territories.

² Exclusive

Size as Measured by Number of Employees.—In 1923, establishments employing 501 hands or over accounted for 21.4 p.c. of the total number of employees engaged in manufacturing. By 1929 the proportion had increased to 27.3 p.c. of the total, thereby showing the increasing concentration of production into larger units. This tendency, however, was checked by the depression, the percentage having dropped in 1933 to 20.5 p.c. (central electric stations included). With the recovery in production since 1933 the percentage has risen again, and in 1939 stood at 25.6. The same also holds true for establishments employing 101 hands or over. In 1923 they employed 58.6 p.c. of the total, in 1929, 61.9 p.c., in 1933, 55.7 p.c., in 1939, 61.5 p.c.

The impact of the War on the concentration of war industries into large units is illustrated by the increase in the number of establishments employing 500 hands or over. In 1939 such establishments numbered 172 and employed 25.6 p.c. of the total number of employees engaged in manufacturing. By 1944 the number had increased to 383 and the percentage of total employees to 47.0. In a further subdivision of this group in 1944 it was found that 226 establishments employed between 500 and 999 persons, 56 between 1,000 and 1,499, and 101 employed over 1,500. All told there were twelve plants employing over 7,000 persons. The largest one had an employment of a little over 13,000 with the next three largest employing between 9,000 and 10,000. Three other plants employed between 8,000 and 9,000 persons while the lowest five plants in this group employed between 7,000 and 8,000 workers.

32.—Manufacturing Establishments, Classified by Number of Employees, by Provinces, 1944

Province	Up to 500	500 to 799	800 to 999	1,000 to 1,499	1,500 and over	Total
Prince Edward Island.....	241	Nil	Nil	Nil	Nil	241
Nova Scotia.....	1,267	9	1	"	4	1,281
New Brunswick.....	930	3	2	2	Nil	937
Quebec.....	9,525	57	16	20	39	9,657
Ontario.....	10,539	92	30	25	44	10,730
Manitoba.....	1,281	Nil	1	3	5	1,290
Saskatchewan.....	1,051	3	Nil	Nil	Nil	1,054
Alberta.....	1,150	2	1	3	"	1,155
British Columbia.....	2,095	7	2	3	9	2,116
Yukon and Northwest Territories.....	12	Nil	Nil	Nil	Nil	12
Totals.....	28,100	173	53	56	100	28,483

33.—Establishments and Employees in Canadian Manufactures, Grouped According to Number of Employees per Establishment, 1929, 1939, 1943 and 1944

Group	1929 ¹			1939 ²		
	Estab- lishments	Employees	Average per Estab- lishment	Estab- lishments	Employees	Average per Estab- lishment
	No.	No.	No.	No.	No.	No.
Under 5 employees.....	12,273	30,446	2.5	13,002	28,020	2.2
5 to 20 employees.....	6,160	62,310	10.1	6,985	68,151	9.8
21 " 50 ".....	2,531	81,846	32.3	2,330	75,324	32.3
51 " 100 ".....	1,262	90,238	71.5	1,158	81,646	70.5
101 " 200 ".....	745	103,944	139.5	695	97,063	139.7
201 " 500 ".....	444	136,397	307.2	458	139,687	305.0
501 and over.....	182	189,253	1,040.0	172	168,168	977.7
Totals and Averages.....	23,597	694,434	29.4	24,800	658,059	26.5
Group	1943			1944		
	Estab- lishments	Employees	Average per Estab- lishment	Estab- lishments	Employees	Average per Estab- lishment
	No.	No.	No.	No.	No.	No.
Under 5 employees.....	13,154	29,288	2.2	13,208	29,958	2.3
5 to 14 employees.....	6,606	54,478	8.2	7,111	58,404	8.2
15 " 49 ".....	4,444	120,417	27.1	4,615	124,405	27.0
50 " 99 ".....	1,536	107,153	69.7	1,622	113,869	70.2
100 " 199 ".....	875	121,139	138.4	900	126,192	140.2
200 " 499 ".....	659	200,912	304.9	644	196,707	305.4
500 and over.....	378	607,681	1,607.6	383	573,344	1,497.0
Totals and Averages.....	27,652	1,241,068	44.9	28,483	1,222,882	42.9

¹ Includes central electric stations, dyeing, cleaning and laundry establishments. ² Exclusive of Yukon and the Northwest Territories.

Size of Establishment in Leading Industries.—Table 34 summarizes the degree of concentration in some of the leading industries of Canada. Concentration is extremely marked in the case of automobiles, railway rolling-stock, aircraft, cotton yarn and cloth, shipbuilding and repairs, miscellaneous chemical products, non-ferrous metal smelting and refining, and pulp and paper; whereas in the case of bread and other bakery products, women's factory clothing, butter and cheese, and sawmills, the degree of concentration is low. This concentration is analysed in detail for each of the twenty-five leading industries in the tables following.

34.—Percentage Importance of Establishments, each Employing 200 or more Persons in the Twenty-Five Leading Industries, 1944

Industry	Number of Such Establishments	Percentage of Total Number in the Industry	Percentage of Total Production in the Industry
1 Slaughtering and meat packing.....	27	17.6	79.8
2 Non-ferrous smelting and refining.....	15	93.7	98.6
3 Miscellaneous chemical products.....	22	9.6	92.4
4 Aircraft.....	24	53.3	98.3
5 Pulp and paper.....	57	54.8	91.4
6 Shipbuilding and repairs.....	33	35.1	94.5
7 Automobiles.....	4	80.0	99.7
8 Electrical apparatus and supplies.....	45	19.2	83.7
9 Iron and steel products, miscellaneous.....	27	15.9	92.3
10 Butter and cheese.....	11	0.5	12.2
11 Sawmills.....	21	0.4	21.1
12 Flour and feed mills.....	7	0.6	41.6
13 Primary iron and steel.....	31	48.4	91.4
14 Petroleum products.....	9	18.7	65.8
15 Rubber goods.....	19	33.9	94.4
16 Railway rolling-stock.....	22	59.4	96.5
17 Automobile supplies.....	24	23.1	83.1
18 Brass and copper products.....	22	13.6	78.4
19 Machinery.....	35	13.6	66.0
20 Clothing, men's factory.....	32	7.7	41.1
21 Clothing, womens' factory.....	11	1.3	10.8
22 Bread and other bakery products.....	19	0.7	25.1
23 Cotton yarn and cloth.....	25	61.0	94.5
24 Sheet metal products.....	25	12.9	72.6
25 Fruit and vegetable preparations.....	9	2.0	29.4

35.—Principal Statistics of the Twenty-Five Leading Industries of Canada, Grouped According to Number of Employees per Establishment, 1944

NOTE.—For principal statistics of the manufacturing industries in each province by size of establishments, see Table 3 of Part II, p. 70.

Group and Industry	Establishments	Employees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1. Slaughtering and Meat Packing—						
Under 5 employees.....	30	73	84,646	14,387	1,557,487	1,823,180
5 to 14 ".....	36	315	457,126	57,351	7,910,212	8,814,186
15 " 49 ".....	33	848	1,303,986	126,872	22,208,041	25,694,890
50 " 99 ".....	14	964	1,423,943	134,881	25,310,710	29,515,052
100 " 199 ".....	13	1,830	2,869,059	246,503	38,041,273	44,056,614
200 " 499 ".....	12	3,919	6,150,459	472,466	67,129,026	79,367,804
500 and over.....	15	15,918	26,408,570	1,758,890	296,327,633	353,762,374
Totals.....	153	23,867	38,697,789	2,811,350	458,484,382	543,034,100
2. Non-Ferrous Metal Smelting and Refining—						
50 to 99 employees.....	1	2,527	5,029,189	4,351,918	56,038,445	91,540,334
200 " 499 ".....	6					
500 and over.....	9	21,400	39,507,802	32,555,705	257,957,695	382,666,467
Totals.....	16	23,927	44,536,991	36,907,623	313,996,140	474,206,801
3. Miscellaneous Chemical Products						
Under 5 employees.....	83	169	206,212	9,571	494,979	1,016,854
5 to 14 ".....	66	666	1,114,706	101,018	4,456,642	7,635,895
15 " 49 ".....	40	1,142	1,757,411	124,299	4,605,044	9,652,781
50 " 99 ".....	7	518	801,697	51,702	1,916,291	3,785,958
100 " 199 ".....	10	1,501	2,489,075	183,452	4,952,597	10,792,237
200 " 499 ".....	9	3,110	4,602,589	444,609	14,736,680	27,154,112
500 and over.....	13	43,331	71,037,139	4,027,941	196,445,791	371,456,199
Totals.....	228	50,437	82,008,829	4,942,592	227,608,024	431,494,036

35.—Principal Statistics of the Twenty-Five Leading Industries of Canada, Grouped According to Number of Employees per Establishment, 1944—continued

Group and Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
4. Aircraft—						
15 to 49 employees.....	6	180	390,610	7,471	65,694	697,344
50 " 99 ".....	7	487	862,685	18,745	211,735	1,564,757
100 " 199 ".....	8	1,168	2,276,429	31,245	538,900	4,890,803
200 " 499 ".....	5	2,188	4,047,128	141,072	1,168,004	6,825,425
500 and over.....	19	75,549	153,478,158	2,395,259	135,749,732	413,003,229
Totals.....	45	79,572	161,055,010	2,593,792	137,734,065	426,981,558
5. Pulp and Paper—						
5 to 14 employees.....	2	353	579,898	184,037	1,398,786	2,773,817
15 " 49 ".....	12					
50 " 99 ".....	16	1,156	1,825,817	854,853	4,068,127	7,899,006
100 " 199 ".....	17	2,531	4,519,262	1,864,387	10,446,062	21,223,929
200 " 499 ".....	27	9,576	19,149,637	9,308,559	38,398,113	90,595,407
500 and over.....	30	24,280	49,758,794	25,147,006	103,684,053	247,353,927
Totals.....	104	37,896	75,833,408	37,358,842	157,995,141	369,846,086
6. Shipbuilding and Repairs—						
Under 5 employees.....	4	12	11,393	711	15,270	36,528
5 to 14 ".....	6	50	74,180	3,432	47,289	192,005
15 " 49 ".....	23	618	1,077,782	36,954	696,814	2,294,119
50 " 99 ".....	16	1,116	1,956,830	48,633	1,211,548	5,296,938
100 " 199 ".....	12	1,570	2,967,775	50,205	2,821,700	10,313,180
200 " 499 ".....	7	2,539	5,241,672	118,382	2,878,325	11,512,952
500 and over.....	26	61,171	127,637,614	3,352,596	93,385,994	299,653,921
Totals.....	94	67,076	138,967,246	3,610,913	101,056,440	329,299,643
7. Automobiles—						
100 to 199 employees.....	1					
200 " 499 ".....	1	22,499	53,879,982	2,327,165	234,578,288	324,090,755
500 and over.....	3					
Totals.....	5	22,499	53,879,982	2,327,165	234,578,288	324,090,755
8. Electrical Apparatus and Supplies—						
Under 5 employees.....	38	101	128,331	9,596	199,905	454,836
5 to 14 ".....	44	394	589,288	25,796	1,097,886	2,330,876
15 " 49 ".....	59	1,605	2,599,776	89,208	4,449,276	10,670,923
50 " 99 ".....	24	1,805	2,652,315	93,263	3,769,406	10,453,327
100 " 199 ".....	24	3,519	5,424,060	190,342	9,946,698	22,231,348
200 " 499 ".....	26	7,766	12,316,038	357,783	19,417,962	48,566,619
500 and over.....	19	33,644	58,594,652	1,722,444	81,531,901	188,363,511
Totals.....	234	48,834	82,304,460	2,488,432	120,413,034	283,071,440
9. Iron and Steel Products, n.e.s.—						
Under 5 employees.....	31	76	105,045	7,995	102,175	289,195
5 to 14 ".....	37	337	532,108	32,951	440,786	1,501,771
15 " 49 ".....	51	1,288	2,181,800	121,819	2,346,433	6,268,611
50 " 99 ".....	13	852	1,567,508	76,051	1,477,701	4,639,503
100 " 199 ".....	11	1,550	2,899,606	243,437	2,034,082	6,957,385
200 " 499 ".....	12	4,132	7,951,782	567,241	15,026,846	28,195,035
500 and over.....	15	28,728	59,839,026	1,966,420	105,111,096	208,555,790
Totals.....	170	36,963	75,076,875	3,015,914	126,539,119	256,407,290
10. Butter and Cheese—						
Under 5 employees.....	1,622	3,422	2,913,335	889,698	49,983,476	56,362,773
5 to 14 ".....	446	3,503	4,001,810	901,540	47,565,526	57,301,709
15 " 49 ".....	158	3,878	5,100,732	788,973	31,305,007	41,895,346
50 " 99 ".....	33	2,281	3,385,771	388,365	15,210,814	22,424,355
100 " 199 ".....	12	1,647	2,748,127	250,097	8,310,746	13,403,413
200 " 499 ".....	9					
500 and over.....	2	3,891	7,208,695	597,701	16,114,678	26,755,760
Totals.....	2,282	18,622	25,358,470	3,816,374	168,490,247	218,143,356

35.—Principal Statistics of the Twenty-Five Leading Industries of Canada, Grouped According to Number of Employees per Establishment, 1944—continued

Group and Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
11. Sawmills—						
Under 5 employees.....	3,884	9,352	4,129,293	444,601	15,087,084	26,575,118
5 to 14 ".....	1,157	8,805	7,995,277	477,321	23,485,960	41,542,783
15 " 49 ".....	330	8,332	10,522,724	391,205	21,745,907	41,303,553
50 " 99 ".....	86	5,709	8,508,643	197,407	17,521,388	31,623,949
100 " 199 ".....	28	3,983	7,005,949	147,198	17,637,304	29,891,915
200 " 499 ".....	19					
500 and over.....	2	7,335	13,354,199	202,916	22,689,379	45,619,305
Totals.....	5,506	43,516	51,516,085	1,860,648	118,167,020	216,556,623
12. Flour and Feed Mills—						
Under 5 employees.....	915	1,545	1,219,955	408,601	29,514,931	34,460,858
5 to 14 ".....	123	932	1,140,153	288,553	16,973,947	19,779,212
15 " 49 ".....	28	722	1,097,225	188,181	16,209,344	18,613,384
50 " 99 ".....	6	455	808,710	168,466	19,103,611	20,274,917
100 " 199 ".....	8	1,237	2,149,459	312,812	27,383,451	32,898,320
200 " 499 ".....	6					
500 and over.....	1	2,398	4,096,473	526,171	77,931,673	89,763,591
Totals.....	1,087	7,289	10,511,975	1,892,784	187,116,957	215,790,282
13. Primary Iron and Steel—						
Under 5 employees.....	1					
5 to 14 ".....	1	159	388,071	102,192	749,588	1,066,055
15 " 49 ".....	7					
50 " 99 ".....	10	685	1,344,302	332,563	2,289,482	5,059,679
100 " 199 ".....	14	1,849	3,254,772	548,526	7,001,134	12,146,263
200 " 499 ".....	14	4,333	8,253,328	2,005,913	27,667,257	24,151,106
500 and over.....	17	23,737	47,596,558	14,287,230	54,507,405	170,086,578
Totals.....	64	30,763	60,837,031	17,276,424	92,214,866	212,509,681
14. Petroleum Products—						
Under 5 employees.....	8	21	28,176	3,064	129,337	212,382
5 to 14 ".....	13	117	185,843	23,005	519,434	971,979
15 " 49 ".....	5	122	227,042	63,054	1,980,738	2,855,284
50 " 99 ".....	6	444	873,201	209,480	11,983,016	15,111,162
100 " 199 ".....	7	1,034	2,057,125	1,696,938	37,778,234	52,826,546
200 " 499 ".....	6	1,819	3,703,330	2,461,335	41,615,098	56,071,049
500 and over.....	3	3,252	7,243,222	4,545,691	59,552,807	82,499,014
Totals.....	48	6,809	14,317,939	9,002,567	153,558,664	210,547,416
15.—Rubber Goods—						
Under 5 employees.....	6	19	19,321	1,034	44,304	76,437
5 to 14 ".....	8	68	74,296	6,303	75,008	190,631
15 " 49 ".....	10	243	346,166	30,746	283,744	823,214
50 " 99 ".....	8	561	739,811	141,139	1,307,603	2,831,141
100 " 199 ".....	5	765	951,976	88,408	2,805,036	5,515,120
200 " 499 ".....	7	2,479	3,696,680	274,606	4,086,643	10,776,787
500 and over.....	12	17,286	30,150,467	3,967,605	73,585,550	149,297,706
Totals.....	56	21,421	35,978,717	4,509,841	82,187,888	169,511,036
16. Railway Rolling Stock—						
Under 5 employees.....	3					
5 to 14 ".....	2	27	53,702	3,087	445,530	597,381
15 " 49 ".....	2					
50 " 99 ".....	2	167	281,828	9,069	531,166	904,780
100 " 199 ".....	6	862	1,563,070	141,364	1,725,032	4,342,174
200 " 499 ".....	6	1,994	3,820,982	185,303	3,507,197	7,972,695
500 and over.....	16	26,861	55,635,632	3,522,257	72,223,452	153,989,577
Totals.....	37	29,911	61,355,214	3,861,080	78,432,377	167,806,607
17. Automobile Supplies—						
Under 5 employees.....	10	31	47,746	1,699	40,589	131,352
5 to 14 ".....	27	231	371,356	20,527	494,283	1,231,846
15 " 49 ".....	19	461	720,109	30,489	844,564	2,230,806
50 " 99 ".....	11	879	1,257,995	43,204	2,307,004	5,076,348
100 " 199 ".....	13	1,892	3,824,370	220,182	8,668,933	18,432,354
200 " 499 ".....	12	3,701	6,709,358	289,856	14,920,336	31,076,906
500 and over.....	12	13,171	25,740,796	1,565,612	56,879,944	102,015,778
Totals.....	104	20,366	38,671,730	2,171,569	84,155,653	160,195,390

35.—Principal Statistics of the Twenty-Five Leading Industries of Canada, Grouped According to Number of Employees per Establishment, 1944—continued

Group and Industry	Estab-lish-ments	Em-employees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
18. Brass and Copper Products—	No.	No.	\$	\$	\$	\$
Under 5 employees.....	25	67	88,588	5,935	92,404	274,873
5 to 14 ".....	53	486	879,165	55,721	972,658	2,520,043
15 " 49 ".....	37	1,051	1,880,763	143,889	8,188,089	11,395,953
50 " 99 ".....	17	1,272	2,267,104	185,204	7,707,633	12,536,214
100 " 199 ".....	8	1,144	2,117,059	109,215	2,087,380	5,586,681
200 " 499 ".....	13	4,344	7,898,581	603,125	15,948,528	34,257,320
500 and over.....	9	9,269	18,359,094	1,631,298	37,463,504	83,280,270
Totals.....	162	17,633	33,490,354	2,734,387	72,460,196	149,851,354
19. Machinery—						
Under 5 employees.....	21	53	76,614	5,490	125,744	326,309
5 to 14 ".....	48	434	733,505	31,233	706,976	2,091,040
15 " 49 ".....	78	2,250	4,297,054	147,825	4,121,246	12,419,455
50 " 99 ".....	54	3,645	7,067,071	217,603	6,188,475	19,796,262
100 " 199 ".....	22	3,250	5,769,466	157,183	4,877,138	15,529,001
200 " 499 ".....	23	6,979	12,956,932	439,360	10,797,705	36,078,884
500 and over.....	12	10,081	19,551,927	724,687	23,848,060	61,278,625
Totals.....	258	26,692	50,452,569	1,723,381	50,665,344	147,519,776
20. Clothing, Men's Factory—						
Under 5 employees.....	66	166	290,599	2,618	2,002,345	3,653,318
5 to 14 ".....	81	732	994,220	11,547	4,511,812	8,018,416
15 " 49 ".....	136	4,138	5,210,455	65,076	12,848,650	22,522,791
50 " 99 ".....	66	4,736	5,610,955	89,507	13,007,007	21,920,780
100 " 199 ".....	37	5,055	6,563,044	81,073	13,899,472	25,160,110
200 " 499 ".....	27	8,655	11,041,741	147,478	22,416,738	39,622,334
500 and over.....	5	3,534	5,656,520	47,686	9,630,206	17,159,006
Totals.....	418	27,016	35,367,534	444,985	78,316,230	138,056,755
21. Clothing, Women's Factory—						
Under 5 employees.....	85	255	320,666	5,298	1,130,063	2,194,388
5 to 14 ".....	243	2,305	3,094,739	35,299	6,513,707	12,452,195
15 " 49 ".....	383	10,642	15,216,709	127,202	29,762,542	56,187,109
50 " 99 ".....	87	5,784	7,822,301	68,416	17,122,227	31,227,942
100 " 199 ".....	26	3,635	4,501,905	40,574	9,643,255	17,469,928
200 " 499 ".....	11	3,189	3,713,038	34,297	8,643,665	14,434,925
Totals.....	835	25,810	34,669,358	311,086	72,815,459	133,966,487
22. Bread and Other Bakery Products—						
Under 5 employees.....	1,804	4,072	3,755,994	896,987	7,450,139	14,953,527
5 to 14 ".....	824	6,253	6,511,167	818,342	11,591,790	23,353,159
15 " 49 ".....	209	5,230	6,636,685	690,630	11,395,418	24,320,291
50 " 99 ".....	40	2,881	4,224,278	364,017	8,256,130	16,248,508
100 " 199 ".....	21	2,960	4,305,131	359,980	7,454,501	14,937,957
200 " 499 ".....	16	4,274	6,722,975	569,330	9,943,464	22,091,128
500 and over.....	3	1,860	3,007,906	262,357	3,733,174	9,356,528
Totals.....	2,917	27,530	35,164,136	3,961,643	59,824,616	125,261,098
23. Cotton Yarn and Cloth—						
Under 5 employees.....	1	19	14,433	1,723	51,692	65,233
5 to 14 ".....	3					
15 " 49 ".....	3	181	187,770	21,704	600,384	939,875
50 " 99 ".....	1					
100 " 199 ".....	8	1,080	1,381,395	141,368	2,860,482	5,419,221
200 " 499 ".....	10	3,409	3,931,846	341,408	11,673,903	18,243,380
500 and over.....	15	17,211	22,350,099	2,653,206	51,761,706	92,039,602
Totals.....	41	21,900	27,865,543	3,159,409	66,948,167	116,707,311
24. Sheet Metal Products—						
Under 5 employees.....	33	78	98,113	6,326	117,892	279,761
5 to 14 ".....	51	461	690,347	28,358	697,356	1,977,821
15 " 49 ".....	54	1,496	2,325,820	91,047	4,130,846	9,040,596
50 " 99 ".....	18	1,368	2,195,637	111,588	3,407,952	7,144,315
100 " 199 ".....	13	1,832	2,940,061	169,100	6,061,634	11,681,932
200 " 499 ".....	16	5,859	9,672,145	358,538	28,305,080	48,665,255
500 and over.....	9	5,758	9,218,850	512,579	14,903,358	31,139,178
Totals.....	194	16,852	27,140,973	1,277,564	57,624,118	109,928,858

35.—Principal Statistics of the Twenty-Five Leading Industries of Canada, Grouped According to Number of Employees per Establishment, 1944—concluded

Group and Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
25. Fruit and Vegetable Prepara- tions—						
Under 5 employees.....	139	407	242,342	26,619	903,401	1,396,839
5 to 14 ".....	122	1,080	892,773	81,248	3,660,350	5,448,797
15 " 49 ".....	115	3,291	3,691,223	365,495	12,864,493	21,388,597
50 " 99 ".....	47	3,413	3,776,439	411,334	15,047,652	24,048,321
100 " 199 ".....	26	3,673	3,882,877	540,012	13,551,979	23,500,197
200 " 499 ".....	6	1,335	1,357,923	112,256	6,354,269	10,433,234
500 and over.....	3	2,169	2,568,411	271,468	10,841,838	21,119,269
Totals.....	458	15,368	16,411,988	1,808,432	63,223,982	107,335,254

Subsection 5.—Power and Fuel

Power.—Power equipment installed in manufacturing establishments is a very good barometer of the industrial development of Canada, inasmuch as production is increasingly dependent on power equipment. Increases and decreases in productive capacity, measured in horse-power, are not the result of temporary fluctuations in costs and values in the same manner as capital investments, values of products, etc. Of course, power equipment installed is not a measure of the actual utilization of power for there is generally an excess over actual requirements, i.e., over power equipment in operation. Producers must have an installed operating margin in excess of normal requirements to provide for booming business conditions or break-down of part of the plant; in times of depression this margin increases. Then, too, the practice in factories, etc., of installing individual motors to each machine in place of large central motors increases total installed capacity. If spare or idle machinery could be deducted from total installation over a long period of time, the resultant data would be more informative. Reports of such spare or idle equipment are available, however, only since 1934, and the percentage of equipment not in regular use has been approximately the same each year, viz., about 6 p.c. Power equipment figures, unless such deductions can be made over a long term, will not reflect temporary depressions.

Electric motors in the manufacturing industries operated by purchased power are included with primary power equipment and consequently the central electric stations producing the power are not included as manufacturing industries. Electric motors operated by power generated within these industries are not included in Table 36 with the primary power equipment that produces the power to operate them but they are shown separately, together with the total of all electric motors for each year. These totals indicate the rate of growth of electric drive in these industries in Canada, which has increased from 61.3 p.c. of the total power equipment in 1923 to 80.6 p.c. in 1944.

Of the total increase in power equipment employed in manufacturing industries since 1923, over 80.5 p.c. was in electric motors operated on power purchased from central electric stations. However, some sections of Canada are not well provided with water power and in such sections primary power derived from steam engines or turbines, and internal combustion engines—which include all gasoline engines, gas engines (natural, coal, and producer gas), and compression-ignition engines—has

also increased rapidly during the period covered. During the period 1923-44 there was an increase of 24 p.c. in the capacity of water wheels, 83 p.c. in the capacity of steam engines, while the capacity of electric motors and internal combustion engines more than quadrupled during the same period.

In the Provinces of Prince Edward Island, Nova Scotia, New Brunswick, Saskatchewan, and Alberta, primary power produced from fuels is an important factor in power utilization.

36.—Power Equipment Installed in the Manufacturing Industries of Canada, 1931-43, with Details by Provinces and Industrial Groups, 1944

Year and Province or Group	Steam Engines and Turbines	Internal Combustion Engines	Hydraulic Turbines and Water Wheels	Total	Electric Motors Operated by Purchased Power	Total Power Equipment	Electric Motors Operated by Power Generated by Establishments Reporting	Total Electric Motors
	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.
Totals, 1931.....	780,487	73,376	667,546	1,521,409	2,578,523	4,099,932	539,430	3,117,953
Totals, 1932.....	735,980	68,551	653,204	1,457,735	2,684,923	4,142,658	510,837	3,195,760
Totals, 1933.....	738,297	76,583	657,683	1,472,563	2,662,445	4,135,008	497,392	3,159,837
Totals, 1934.....	774,494	87,120	597,675	1,459,289	2,770,383	4,229,672	544,714	3,315,097
Totals, 1935.....	774,166	88,265	603,717	1,466,148	2,865,340	4,331,488	512,177	3,377,517
Totals, 1936.....	743,184	92,480	648,489	1,484,153	2,977,714	4,461,867	528,501	3,506,215
Totals, 1937.....	834,703	98,233	649,557	1,582,493	3,129,790	4,712,283	602,955	3,732,745
Totals, 1938.....	830,897	111,645	723,377	1,665,919	3,303,804	4,969,723	659,741	3,963,545
Totals, 1939.....	827,801	121,997	731,390	1,681,188	3,364,099	5,045,287	694,450	4,558,549
Totals, 1940.....	848,596	152,240	727,051	1,727,887	3,563,048	5,290,935	724,769	4,287,817
Totals, 1941.....	917,474	179,461	724,199	1,821,134	4,028,942	5,850,076	740,112	4,769,054
Totals, 1942.....	927,509	224,358	741,751	1,893,618	4,168,402	6,062,020	800,917	4,969,319
Totals, 1943.....	988,280	257,873	749,593	1,995,746	4,420,105	6,415,851	760,630	5,180,735
PROVINCE								
P.E. Island.....	1,291	998	1,423	3,712	1,162	4,874	—	1,162
Nova Scotia.....	70,407	15,727	14,946	101,080	91,980	193,060	65,400	157,380
New Brunswick...	83,398	13,274	28,164	124,836	130,426	255,262	56,847	187,273
Quebec.....	214,660	61,408	325,623	601,691	1,686,492	2,288,183	176,475	1,862,967
Ontario.....	417,296	103,288	246,297	766,881	1,948,635	2,715,516	315,975	2,264,610
Manitoba.....	17,623	8,537	784	26,944	144,078	171,022	5,773	149,851
Saskatchewan.....	21,950	18,271	8	40,229	45,118	85,347	304	45,422
Alberta.....	31,876	18,791	624	51,291	94,170	145,461	6,150	100,320
British Columbia..	155,055	47,470	111,347	313,872	295,225	609,097	152,793	448,018
Yukon and N.W.T.	59	548	—	607	10	617	—	10
Totals, 1944...	1,013,615 ¹	288,312	729,216	2,031,143	4,437,296	6,468,439	779,717	5,217,013
INDUSTRIAL GROUP								
Vegetable products	107,183	49,045	26,659	182,887	325,186	508,073	52,949	378,135
Animal products...	26,606	13,046	2,638	42,290	146,869	189,159	3,616	150,455
Textiles and textile products.....	28,022	5,320	23,685	57,027	220,277	277,304	30,984	251,261
Wood and paper products.....	537,854	145,063	604,760	1,287,677	1,557,565	2,845,242	509,685	2,067,250
Iron and its products.....	185,064	49,789	4,068	238,921	1,021,881	1,260,802	123,562	1,145,443
Non-ferrous metal products.....	26,812	6,548	55,550	88,910	567,754	656,664	22,651	590,405
Non-metallic mineral products....	57,080	13,734	1,052	71,866	244,311	316,177	9,488	253,799
Chemicals and allied products..	41,906	5,309	10,803	58,018	319,430	377,448	23,856	343,286
Miscellaneous industries.....	3,088	458	1	3,547	34,023	37,570	2,926	36,949

¹ Includes "steam engines" 594,072 h.p. and "steam turbines" 410,543 h.p.

37.—Fuel and Electricity Used in the Manufacturing Industries of Canada, 1932-43,

Year and Province or Group	Bituminous Coal				Anthracite	
	Canadian		Imported		short tons	\$
	short tons	\$	short tons	\$		
Totals, 1932	1,578,341	8,433,592	2,255,296	12,004,969	136,947	1,002,634
Totals, 1933	1,499,715	7,571,912	2,026,113	10,770,107	145,017	1,033,154
Totals, 1934	1,812,712	9,220,235	2,123,376	12,151,844	166,242	1,166,745
Totals, 1935	1,889,364	9,681,361	2,135,592	12,427,515	173,188	1,194,905
Totals, 1936	2,122,583	10,886,270	2,383,166	13,683,753	176,869	1,274,078
Totals, 1937	2,907,671	15,648,467	2,828,519	16,255,262	173,993	1,253,376
Totals, 1938	2,484,071	13,553,411	2,455,613	14,266,262	152,194	1,107,168
Totals, 1939	2,893,613	15,744,444	2,262,378	13,386,496	167,465	1,151,278
Totals, 1940	3,306,682	19,381,414	3,204,513	19,707,934	171,271	1,347,910
Totals, 1941	3,121,155	19,940,895	4,689,123	31,835,408	180,189	1,540,230
Totals, 1942	3,469,131	24,312,873	5,301,273	38,940,599	236,494	2,126,707
Totals, 1943	2,971,872	21,853,184	6,510,494	50,089,082	265,537	2,372,290
PROVINCE						
Prince Edward Island.....	8,635	80,525	306	2,798	15	196
Nova Scotia.....	485,782	3,021,659	421	3,234	796	13,167
New Brunswick.....	482,751	3,323,915	37,886	377,720	919	15,652
Quebec.....	757,833	7,240,242	2,243,654	19,885,169	107,990	1,035,964
Ontario.....	180,232	1,632,116	5,015,284	34,961,406	97,631	941,160
Manitoba.....	113,055	973,583	37,945	420,339	11,646	139,121
Saskatchewan.....	79,784	688,581	193	1,940	2,343	18,134
Alberta.....	64,163	322,019	4	156	251	1,841
British Columbia.....	365,715	2,495,334	1,285	14,148	7,204	66,042
Yukon and N.W.T.....	395	7,505	5	500	-	-
Totals 1944	2,538,345	19,785,479	7,336,983	55,667,410	228,795	2,231,277
INDUSTRIAL GROUP						
Vegetable products.....	236,130	1,849,159	941,355	7,515,723	64,565	681,989
Animal products.....	183,858	1,576,670	270,897	2,350,279	10,094	118,686
Textiles and textile products.....	165,138	1,408,456	554,805	4,037,230	34,337	297,777
Wood and paper products.....	701,360	5,416,819	1,842,691	15,430,269	28,940	263,677
Iron and its products.....	561,918	3,738,771	943,291	7,686,294	53,162	485,905
Non-ferrous metal products.....	363,023	3,374,878	882,966	7,454,115	4,082	48,764
Non-metallic minerals.....	195,499	1,408,823	582,304	4,527,089	23,213	225,351
Chemicals and allied products.....	121,908	922,350	1,280,944	6,340,451	8,544	86,546
Miscellaneous industries.....	9,511	89,553	37,730	325,960	1,858	22,582

¹ Includes gasoline and kerosine.² Includes fuel and electricity used in smelters for metallurgical purposes.

with Details by Provinces and Industrial Groups, 1941

Lignite		Coke		Fuel Oils	Wood	Gas	Other Fuel	Electri- city	Total
short tons	\$	short tons	\$	\$	\$	\$	\$	\$	\$
156,097	497,154	322,829	1,592,015	4,684,042	1,483,066	4,692,700	974,884	34,764,666	70,129,722
158,437	522,626	288,811	1,574,426	4,606,527	1,635,689	4,827,310	981,591	33,092,334	66,615,676
193,820	601,520	319,410	1,670,877	5,182,216	1,450,553	5,734,229	1,549,086	38,150,061	76,877,366
215,341	684,396	376,928	1,921,138	5,981,169	1,419,130	5,707,589	1,773,040	40,489,645	81,279,888
233,138	740,099	344,797	1,883,025	6,381,311	1,421,076	6,583,603	1,962,450	43,781,481	88,597,146
265,440	759,600	657,994	5,169,524	8,580,369	1,636,098	7,404,919	2,867,421	50,032,810	109,607,846
223,536	692,428	585,467	4,493,824	8,103,428	1,614,941	7,381,904	2,803,022	47,900,172	101,916,560 ²
238,698	740,593	596,077	4,870,875	8,560,418	1,562,119	7,891,892	3,155,016	50,509,121	107,572,252 ²
319,499	965,229	689,878	5,797,070	12,360,737	1,754,791	10,172,976	6,205,343	58,429,262	136,122,666 ²
366,010	1,177,180	728,871	6,388,464	17,734,137	1,896,184	12,554,559	9,819,759	71,754,501	174,641,317 ²
359,534	1,166,125	724,264	7,002,130	21,345,936	2,213,637	13,180,067	11,224,569	85,205,846	206,718,489 ²
345,359	1,085,734	752,916	7,260,866	22,402,629	2,469,573	15,198,110	11,272,877	91,950,030	225,954,375 ²
-	-	357	5,291	2,954	9,460	1	12,963	35,111	149,299
-	-	32,160	221,767	535,615	46,064	1,711,416	316,652	1,712,329	7,581,903
78	652	3,128	35,238	173,400	121,775	30,166	305,117	1,470,865	5,854,500
38	735	119,079	1,167,459	6,905,542	1,115,087	2,698,857	2,530,671	42,333,270	84,912,996
615	7,350	533,542	5,396,155	10,606,796	508,617	10,254,870	4,066,643	31,030,900	99,406,013
252,757	916,421	10,375	115,934	294,079	173,316	219,817	323,511	2,183,622	5,759,743
69,583	280,022	217	1,453	507,502	69,984	407,263	242,222	1,083,783	3,300,884
86,480	228,228	1,663	16,498	81,528	33,573	1,057,612	252,035	1,458,114	3,451,604
11,800	89,009	102,658	949,373	2,714,867	258,552	510,104	1,660,579	6,389,468	15,147,476
-	-	-	-	692	4,032	-	4,085	1,921	18,735
421,351	1,522,417	803,179	7,909,168	21,822,975	2,340,460	16,890,106	9,714,478	87,699,383	225,583,153 ²
118,903	384,867	46,768	583,644	501,813	710,515	1,731,193	2,052,314	5,348,839	21,360,056
143,973	587,262	12,464	72,214	337,883	779,647	313,903	1,287,166	2,940,970	10,364,680
1,267	8,277	1,272	16,391	190,060	61,264	77,779	188,942	4,310,382	10,506,558
3,372	18,259	2,805	31,283	1,868,249	212,123	177,746	2,354,063	19,470,190	45,242,678
113,477	359,199	84,155	581,194	8,246,362	99,986	5,777,726	2,131,057	17,099,471	46,205,965
296	2,281	362,350	4,468,228	4,098,614	26,797	658,798	344,304	23,053,615	43,530,394
36,498	145,547	287,611	2,089,862	5,945,219	401,891	7,811,794	626,820	5,847,111	29,029,507
3,045	13,947	5,254	59,911	616,217	36,050	251,659	656,660	8,912,094	17,895,885
520	2,778	500	6,441	18,558	12,187	89,508	73,152	716,711	1,357,430

Fuel and Electricity.—Fuel is used quite generally throughout the industrial field for the generation of power by means of steam and internal combustion engines. It is also used for the heating of plants, and for providing the heat necessary to some manufacturing processes. The most important industries where heat is applied to the materials to facilitate or accomplish the desired transformation are foundries and machine shops, brick, tile, lime, and cement-making, petroleum refining, the glass industry, distilleries, food preparation, rubber goods, etc. Fuel used for such heating purposes, as well as for power, is included in the figures of Table 37. In addition to the electricity used for ordinary power purposes, the figures include also the electricity used for heating boilers in the pulp and paper industry. Consumption of surplus energy in electric boilers increased rapidly during the years preceding the Second World War.

The figures of the table do not include coke charged to iron-blast furnaces or foundry cupolas. Neither do they include fuels that constitute the raw materials to be transformed as coal in the coke and gas industries and crude petroleum in the refining industry.

The value of fuel consumed increased 156 p.c. from 1924 to 1944. Electricity, on the other hand, has increased during the same period by 368 p.c., although there has been a decline in the average unit cost of electricity as there has been in the case of fuels. The groups of industries in which fuel was most extensively used in 1944 were: iron and its products, wood and paper products, non-ferrous metals and non-metallic mineral products.

Quebec is the largest user of electric power, having used 48.5 p.c. of the Dominion total in 1944.

PART II.—PROVINCIAL AND LOCAL DISTRIBUTION OF MANUFACTURING PRODUCTION

This part of the Report is introduced by a general analysis of the concentration of the manufacturing industries in the provinces. In the sections that follow, the principal features of the manufactures of each province are brought out and finally the distribution of manufacturing throughout the principal cities and towns of the Dominion is shown.

Ontario and Quebec are by far the most important manufacturing provinces of Canada. Their combined production in 1944 amounted to \$7,269,483,000 or over 80 p.c. of the gross value of manufactured products of the Dominion. The proximity of Ontario to the coalfields of Pennsylvania, the water power and other varied resources of the two provinces, and their nearness to the larger markets of Canada and the United States have all contributed to the above result.

Table 1 shows the outstanding predominance of Ontario and Quebec in each industrial group. Quebec leads in the manufacture of textiles and chemicals, but in each of the other groups Ontario has the greater production. The standing of these two provinces is most nearly approached by British Columbia in the case of the wood and paper products group, where the latter province accounts for 16.5 p.c. of the gross production compared with 35.7 p.c. for Ontario and 34.5 p.c. for Quebec; in each of the other groups the positions of Ontario and Quebec lead by a wide margin. Previous to 1941, Table 1 has shown the value of production in each province, by industry. With the establishment of many vital war plants throughout Canada, it is not possible to publish this detail and the provincial distribution by groups, instead of by industries is given. In this way the publication of figures relating to individual establishments has, in many cases, been avoided.

1.—Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1944

Province and Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Canada						
Vegetable products.....	5,941	130,679	183,943,948	763,606,750	485,551,491	1,270,518,297
Animal products.....	4,388	94,195	129,215,389	835,586,247	246,064,720	1,092,015,647
Textiles and textile products.....	2,481	153,122	195,805,681	419,988,642	351,186,488	781,771,688
Wood and paper products.....	10,452	189,674	284,436,559	497,656,158	550,826,986	1,093,725,822
Iron and its products.....	2,192	411,944	818,452,454	1,104,083,922	1,390,703,087	2,540,992,974
Non-ferrous metal products.....	635	104,314	182,909,292	549,317,062	399,498,519	992,345,975
Non-metallic mineral products.....	748	31,590	56,130,338	234,714,319	152,525,053	416,268,879
Chemicals and chemical products.....	981	81,822	137,422,977	360,412,749	355,260,598	733,569,232
Miscellaneous industries.....	665	25,542	41,304,732	66,967,507	84,159,068	152,484,005
Totals.....	28,483	1,222,882	2,029,621,370	4,832,333,356	4,015,776,010	9,073,692,519
Prince Edward Island						
Vegetable products.....	41	311	274,643	914,430	598,921	1,563,245
Animal Products.....	102	715	489,969	4,494,471	1,317,544	5,870,046
Wood and paper products.....	87	358	269,127	307,164	464,307	787,296
Iron and its products.....	7	324	571,397	505,842	707,393	1,233,249
All other groups ¹	4	78	89,627	771,603	482,670	1,259,808
Totals.....	241	1,786	1,694,763	6,993,510	3,570,835	10,713,644

¹ Includes textiles, non-metallic minerals and chemicals.

1.—Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1944—continued

Province and Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Nova Scotia						
Vegetable products.....	172	3,361	3,913,268	11,083,465	9,085,197	20,728,350
Animal products.....	219	3,688	3,979,819	19,158,760	8,160,996	27,685,124
Textiles and textile products.....	25	2,422	2,687,130	5,274,926	5,663,789	11,133,460
Wood and paper products.....	746	6,110	6,654,671	12,926,854	12,266,000	26,368,549
Iron and its products.....	77	20,391	39,351,937	32,512,969	51,075,080	87,071,066
Non-ferrous metal products.....	—	—	—	—	—	—
Non-metallic mineral products.....	22	1,395	2,686,106	19,920,559	5,619,951	27,226,677
Chemicals and chemical products.....	15	385	600,345	2,468,706	1,418,409	3,999,551
Miscellaneous industries.....	5	60	67,135	116,884	87,216	208,887
Totals.....	1,281	37,812	59,940,411	103,463,123	93,376,638	204,421,664
New Brunswick						
Vegetable products.....	148	3,166	3,947,495	26,260,039	9,979,109	36,918,876
Animal products.....	184	2,853	2,694,235	14,560,503	5,012,496	19,890,034
Textiles and textile products.....	19	1,833	1,941,765	3,505,761	3,349,066	7,022,222
Wood and paper products.....	514	9,205	12,540,255	30,872,586	26,166,289	61,127,507
Iron and its products.....	39	4,743	9,207,032	4,504,534	14,218,964	19,073,167
Non-metallic mineral products.....	20	230	333,826	590,411	912,108	1,657,506
Chemicals and chemical products.....	7	286	420,975	2,785,490	1,054,709	3,872,447
Miscellaneous industries.....	6	848	1,259,497	914,275	1,565,737	2,544,818
Totals.....	937	23,164	32,345,080	83,993,599	62,258,478	152,106,577
Quebec						
Vegetable products.....	1,858	39,151	52,593,105	184,136,986	132,429,534	321,657,994
Animal products.....	1,757	30,318	37,194,525	179,992,694	63,904,516	246,217,640
Textiles and textile products.....	1,319	83,777	105,125,498	229,847,322	195,155,721	430,934,363
Wood and paper products.....	3,402	61,239	88,651,354	171,537,347	183,267,705	377,488,895
Iron and its products.....	453	114,673	226,419,694	274,554,737	363,187,996	648,480,258
Non-ferrous metal products.....	157	35,535	62,248,375	226,970,120	155,205,908	404,055,401
Non-metallic mineral products.....	176	7,730	13,413,869	62,562,018	35,313,827	106,627,256
Chemicals and chemical products.....	325	46,443	75,469,476	153,999,527	209,155,252	370,363,933
Miscellaneous industries.....	209	5,249	7,040,157	10,652,302	12,898,675	23,859,443
Totals.....	9,656	424,115	668,156,053	1,494,253,053	1,350,519,134	2,929,685,183
Ontario						
Vegetable products.....	2,509	65,121	95,979,079	386,677,531	253,517,977	651,705,186
Animal products.....	1,514	31,890	47,815,449	280,547,589	85,450,644	370,389,478
Textiles and textile products.....	933	58,242	78,170,055	156,182,276	133,317,170	293,593,419
Wood and paper products.....	2,971	70,548	109,253,058	173,471,996	204,618,757	390,418,343
Iron and its products.....	1,189	212,310	422,897,114	701,823,124	759,663,915	1,489,172,929
Non-ferrous metal products.....	402	63,302	110,444,525	281,010,267	228,161,322	526,157,444
Non-metallic mineral products.....	366	17,053	30,857,282	98,498,229	86,872,343	199,293,850
Chemicals and chemical products.....	510	28,597	49,928,255	182,170,295	114,452,605	304,317,467
Miscellaneous industries.....	337	17,329	29,693,243	49,966,551	63,989,180	114,749,668
Totals.....	10,731	564,392	975,038,060	2,310,347,858	1,930,043,913	4,339,797,784

¹ Includes non-ferrous metals.

1.—Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1944—concluded

Province and Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Manitoba						
Vegetable products.....	261	5,248	7,187,418	41,463,778	20,850,236	63,378,340
Animal products.....	198	7,936	12,016,571	117,819,948	28,222,136	146,813,111
Textiles and textile products.....	90	4,283	4,715,968	16,572,356	7,873,192	24,554,563
Wood and paper products.....	517	5,795	8,067,781	10,562,000	16,342,024	27,663,243
Iron and its products.....	89	12,286	22,268,527	17,537,270	32,041,393	50,769,829
Non-ferrous metal products.....	24	540	936,443	7,151,920	2,152,334	9,518,577
Non-metallic mineral products.....	37	984	1,468,767	4,703,135	3,838,989	9,529,409
Chemicals and chemical products.....	38	3,141	5,054,060	8,428,078	7,032,860	16,057,864
Miscellaneous industries.....	36	724	1,042,546	1,996,440	1,986,762	4,049,658
Totals.....	1,290	40,937	62,758,081	226,234,925	120,339,926	352,334,594
Saskatchewan						
Vegetable products.....	184	2,293	3,240,738	31,316,355	9,168,352	41,120,272
Animal products.....	97	3,818	5,564,898	58,588,091	13,404,220	72,520,869
Textiles and textile products.....	5	49	55,264	1,054,340	160,801	1,216,999
Wood-paper products.....	689	3,329	3,338,128	4,317,024	6,474,884	11,046,349
Iron and its products.....	36	1,506	2,850,787	5,610,084	5,214,535	10,972,572
Non-metallic mineral products.....	27	784	1,511,650	15,693,986	4,194,076	20,910,769
Chemicals and chemical products.....	9	118	160,927	312,073	290,354	613,380
Miscellaneous industries ¹	7	464	980,711	14,323,064	1,926,111	16,948,024
Totals.....	1,054	12,361	17,703,103	131,215,017	40,833,333	175,349,234
Alberta						
Vegetable products.....	288	4,000	5,576,191	34,977,643	20,687,475	56,278,917
Animal products.....	149	6,307	9,308,449	104,371,431	20,499,061	125,506,481
Textiles and textile products.....	27	871	1,068,086	2,017,560	1,828,918	3,864,726
Wood and paper products.....	562	4,331	5,258,039	8,681,466	9,535,811	18,502,895
Iron and its products.....	63	4,001	7,708,715	5,377,379	10,340,747	16,038,988
Non-ferrous metal products.....	5	77	136,422	350,624	237,602	596,938
Non-metallic mineral products.....	42	1,890	2,939,297	14,916,622	10,163,179	26,089,057
Chemicals and chemical products.....	16	508	940,470	988,671	3,657,309	5,190,555
Miscellaneous industries.....	13	201	292,060	401,141	465,651	881,337
Totals.....	1,165	22,186	33,227,729	172,082,537	77,415,753	252,949,894
British Columbia						
Vegetable products.....	479	8,026	11,230,956	46,773,228	29,232,442	77,160,941
Animal products.....	168	6,670	10,151,474	56,052,760	20,093,107	77,122,864
Textiles and textile products.....	61	1,602	2,003,779	5,035,705	3,657,085	8,769,609
Wood and paper products.....	957	28,742	50,390,218	84,961,610	91,655,128	180,264,855
Iron and its products.....	238	41,678	87,117,082	61,641,287	154,192,895	218,091,597
Non-ferrous metal products.....	43	3,986	7,505,395	19,276,828	11,085,684	34,066,668
Non-metallic mineral products.....	56	1,500	2,863,049	17,665,577	5,400,785	24,560,922
Chemicals and chemical products.....	60	2,318	4,812,650	8,997,975	17,928,539	28,620,166
Miscellaneous industries.....	54	1,540	2,564,515	3,152,046	3,891,532	7,187,067
Totals.....	2,116	96,062	178,639,118	303,560,016	337,137,197	655,984,689
Yukon and N.W.T.						
Wood and paper products.....	7	17	13,928	18,111	36,081	57,890
All other groups.....	4	50	105,044	171,607	244,722	431,366
Totals.....	11	67	118,972	189,718	280,803	489,256

¹ Includes non-ferrous metals.

The degree of concentration of manufacturing production in large units is illustrated in Table 2. In the Province of Quebec 51.3 p.c. of all persons engaged in manufacturing were employed in establishments having 500 or more employees, as compared with 46.9 p.c. for Canada as a whole. Ordinarily, Ontario ranks second in concentration of manufacturing production. In 1942, however, British Columbia with 47.2 p.c. came second, this being due to the large shipbuilding plants located there. In 1944 Ontario resumed her normal position in second place with 47.3 p.c., while Nova Scotia came third with 45.8 p.c., followed by British Columbia with 45.2 p.c., Manitoba 35.7 p.c., New Brunswick 26.9 p.c., Alberta 24.3 p.c. and Saskatchewan 15.6 p.c.

2.—Concentration of Manufacturing Production in Each Province, 1944

Province	Number of Establishments Employing 500 or More Persons	Percentage of Total Number of Establishments in Province	Provincial Percentage of Number of Employees Accounted for by these Establishments
Prince Edward Island.....	Nil	—	—
Nova Scotia.....	14	1.1	45.8
New Brunswick.....	7	0.7	26.9
Quebec.....	132	1.4	51.3
Ontario.....	191	1.8	47.3
Manitoba.....	9	0.7	35.7
Saskatchewan.....	3	0.3	15.6
Alberta.....	6	0.5	24.3
British Columbia.....	21	1.0	45.2
Canada.....	383	1.3	46.9

3.—Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Number of Employees per Establishment, 1944

Provinces and Groups	Estab-lish-ments	Em-ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Canada—						
Under 5 employees..	13,208	29,958	24,598,991	3,735,200	128,831,567	186,399,814
5 to 14 " ..	7,111	58,404	71,192,041	5,913,229	216,015,067	362,431,885
15 " 49 " ..	4,615	124,408	174,695,848	11,771,963	436,064,759	794,193,027
50 " 99 " ..	1,622	113,869	166,729,214	12,670,750	454,195,104	778,469,728
100 " 199 " ..	900	126,192	192,784,394	18,261,772	499,541,146	937,944,370
200 " 499 " ..	644	196,707	315,009,637	42,131,593	821,611,898	1,505,979,817
500 and over.....	383	573,344	1,084,611,245	131,098,646	2,296,073,815	4,508,273,878
Totals.....	28,483	1,222,882	2,029,621,370	225,583,153	4,832,333,356	9,073,692,519
Prince Edward Island—						
Under 5 employees..	153	335	161,984	27,541	1,535,702	2,030,441
5 to 14 " ..	58	500	382,230	48,554	2,080,552	3,129,795
15 " 49 " ..	27	554	535,597	42,875	1,994,627	3,291,062
50 " 99 " ..	2	397	614,952	30,329	1,382,629	2,262,346
200 " 499 " ..	1					
Totals.....	241	1,786	1,694,763	149,299	6,993,510	10,713,644

3.—Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Number of Employees per Establishment, 1944—continued

Provinces and Groups	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Nova Scotia—						
Under 5 employees..	648	1,537	907,177	94,062	3,160,613	5,248,125
5 to 14 " ..	364	2,892	2,788,087	226,516	8,857,522	14,979,473
15 " 49 " ..	172	4,593	5,248,425	468,423	14,548,863	24,204,635
50 " 99 " ..	43	2,958	4,186,375	625,499	7,338,547	16,300,867
100 " 199 " ..	25	3,430	5,012,351	397,773	10,371,414	20,048,751
200 " 499 " ..	15	5,068	8,783,598	2,076,563	20,198,264	30,304,610
500 and over.....	14	17,334	33,014,398	3,693,067	38,987,900	93,335,203
Totals.....	1,281	37,812	59,940,411	7,581,903	103,463,123	204,421,664
New Brunswick—						
Under 5 employees..	463	1,118	716,853	100,579	2,656,844	4,430,879
5 to 14 " ..	283	2,346	2,148,310	209,185	7,535,617	12,355,422
15 " 49 " ..	112	2,833	3,144,892	314,475	11,407,339	17,973,181
50 " 99 " ..	40	2,833	3,743,203	244,237	10,915,101	17,894,290
100 " 199 " ..	14	1,893	2,316,007	176,977	3,973,121	8,485,033
200 " 499 " ..	18	5,912	8,357,372	1,212,388	20,071,440	35,407,661
500 and over.....	7	6,229	11,918,443	3,596,659	27,434,137	55,560,111
Totals.....	937	23,164	32,345,080	5,854,500	83,993,599	152,106,577
Quebec—						
Under 5 employees..	4,882	10,865	8,920,354	1,358,296	52,604,787	73,657,599
5 to 14 " ..	2,134	17,483	20,331,842	1,386,329	58,487,542	100,389,230
15 " 49 " ..	1,506	41,103	54,209,110	2,848,603	126,484,572	237,277,194
50 " 99 " ..	536	37,986	50,079,966	3,570,142	126,869,290	226,768,546
100 " 199 " ..	271	37,772	53,339,814	5,152,129	144,493,720	268,233,231
200 " 499 " ..	195	61,160	89,275,211	14,842,446	214,400,391	437,303,227
500 and over.....	132	217,746	391,999,756	55,755,051	770,912,751	1,586,056,156
Totals.....	9,656	424,115	668,156,053	84,912,996	1,494,253,053	2,929,685,183
Ontario—						
Under 5 employees..	4,308	9,748	8,872,309	1,470,077	54,400,569	75,278,392
5 to 14 " ..	2,779	23,054	30,201,534	2,558,304	86,314,024	148,388,562
15 " 49 " ..	1,966	53,175	79,142,388	5,712,245	193,960,559	357,513,581
50 " 99 " ..	707	49,527	76,179,784	5,232,060	175,274,064	331,957,618
100 " 199 " ..	453	64,196	100,985,725	9,259,374	240,180,741	464,293,986
200 " 499 " ..	327	98,012	162,336,016	17,485,994	381,208,626	706,391,516
500 and over.....	191	266,680	517,320,304	57,687,959	1,179,009,275	2,255,974,129
Totals.....	10,731	564,392	975,038,060	99,406,013	2,310,347,858	4,339,797,784
Manitoba—						
Under 5 employees..	614	1,409	1,101,130	160,295	3,914,673	6,407,537
5 to 14 " ..	316	2,573	3,126,785	341,981	14,451,056	20,660,322
15 " 49 " ..	215	5,822	7,657,654	618,073	23,811,710	39,111,997
50 " 99 " ..	77	5,409	7,694,623	946,805	33,670,528	49,811,324
100 " 199 " ..	38	5,147	7,523,117	1,264,172	22,637,791	41,089,972
200 " 499 " ..	21	5,968	9,662,219	1,040,684	30,323,387	54,677,311
500 and over.....	9	14,609	25,992,553	1,387,733	97,425,780	140,576,131
Totals.....	1,290	40,937	62,758,081	5,759,743	226,234,925	352,334,594
Saskatchewan—						
Under 5 employees..	693	1,535	900,323	148,620	2,096,970	4,264,803
5 to 14 " ..	253	2,004	2,299,364	349,654	12,030,932	17,513,675
15 " 49 " ..	68	1,873	2,589,788	295,924	10,420,904	16,178,028
50 " 99 " ..	25	1,749	2,661,045	291,382	13,550,793	20,632,286
100 " 199 " ..	12	3,268	5,811,300	1,972,447	63,193,613	79,251,300
200 " 499 " ..	3	1,932	3,441,283	242,857	29,921,805	37,509,142
Totals.....	1,054	12,361	17,703,103	3,300,884	131,215,017	175,349,234
Alberta—						
Under 5 employees..	648	1,483	1,150,853	175,851	4,981,215	7,655,464
5 to 14 " ..	310	2,462	2,951,419	283,609	11,836,015	17,782,672
15 " 49 " ..	125	3,240	4,491,346	315,636	13,586,770	23,915,625
50 " 99 " ..	41	2,913	4,180,718	327,333	17,375,873	26,727,995
100 " 199 " ..	24	3,111	5,221,968	751,792	24,453,849	42,863,123
200 " 499 " ..	11	3,576	5,654,766	1,217,122	26,680,573	43,012,317
500 and over.....	6	5,401	9,576,659	380,261	73,168,242	90,992,697
Totals.....	1,165	22,186	33,227,729	3,451,604	172,082,537	252,949,894

3.—Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Number of Employees per Establishment, 1944—concluded

Provinces and Groups	Estab-lish-ments	Em-ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
British Columbia—						
Under 5 employees..	789	1,908	1,850,025	195,478	3,456,681	7,356,458
5 to 14 " " " "	614	5,090	6,962,470	509,097	14,421,807	27,232,734
15 " 49 " " " "	422	11,168	17,575,659	1,141,375	39,683,210	74,308,584
50 " 99 " " " "	151	10,355	17,877,433	1,416,126	48,063,139	86,954,435
100 " 199 " " " "	75	10,643	18,385,412	1,259,555	53,430,510	92,930,274
200 " 499 " " " "	44	13,485	24,640,270	2,270,786	65,290,744	118,791,895
500 and over.....	21	43,413	91,347,849	8,355,059	79,213,925	248,270,309
Totals.....	2,116	96,062	178,639,118	15,147,476	303,560,016	655,844,689
Yukon and North-west Territories—						
Under 5 employees..	10	67	118,972	18,735	189,718	489,256
15 to 49 " " " "	2					
Totals.....	12	67	118,972	18,735	189,718	489,256

Section 1.—The Manufactures of the Maritime Provinces, 1944

In Prince Edward Island the predominant agricultural and fishery resources make butter and cheese, fish-curing and -packing, and slaughtering and meat packing the leading manufactures of the Province. Nova Scotia is renowned for its coal mines and its fisheries, as well as extensive forests and agricultural lands and is favoured with easy access by sea to the high-grade iron-ore supply of Newfoundland. On these resources are based the leading manufactures of primary iron and steel, shipbuilding and repairs, fish-curing and -packing, sawmills, pulp and paper, and butter and cheese. In addition to this, important petroleum refineries and coke and gas plants add to the diversification of manufacturing in the Province. The forests of New Brunswick give a leading place to its pulp and paper and saw-milling industries, although fish and agricultural products add to the varied output. Sugar refining and the production of railway rolling-stock also form important branches of manufacturing production.

4.—Statistics of the Leading Industries of the Maritime Provinces, 1944

Industry	Estab-lish-ments	Em-ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
PRINCE EDWARD ISLAND						
	No.	No.	\$	\$	\$	\$
1 Fish curing and packing.....	70	506	284,716	1,945,435	744,923	2,717,806
2 Butter and cheese.....	29	136	137,088	1,553,353	436,252	2,019,998
3 Castings, iron.....	3	259	489,735	245,100	583,243	841,813
4 Fruit and vegetable preparations..	8	149	118,949	438,831	247,483	710,034
5 Sawmills.....	70	158	53,521	166,494	159,943	330,234
6 Bread and other bakery products.	13	82	67,444	172,146	134,702	317,884
7 Printing and publishing.....	4	113	122,519	38,684	178,270	224,929
8 Starch and glucose.....	3	18	20,701	108,829	56,123	173,553
9 Aerated and mineral waters.....	4	22	25,083	46,156	109,388	158,049
10 All other leading industries ¹	6	181	199,915	2,041,374	653,849	2,700,923
Totals, Leading Industries...	210	1,624	1,519,671	6,756,402	3,304,176	10,195,223
Totals, All Industries.....	241	1,786	1,694,763	6,993,510	3,570,835	10,713,644

4.—Statistics of the Leading Industries of the Maritime Provinces, 1944—concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
NOVA SCOTIA						
	No.	No.	\$	\$	\$	\$
1 Shipbuilding and repairs.....	31	8,912	18,110,897	12,125,147	26,387,292	39,044,263
2 Primary iron and steel.....	6	5,752	10,160,736	13,066,103	9,287,447	24,733,729
3 Fish curing and packing.....	168	2,907	2,985,287	13,826,800	6,069,787	20,123,214
4 Sawmills.....	548	2,699	1,855,408	5,547,158	4,047,202	9,653,323
5 Railway rolling-stock.....	3	878	1,612,751	4,429,355	2,127,581	6,777,453
6 Fruit and vegetable preparations..	24	1,096	1,110,819	4,008,933	1,907,508	6,189,739
7 Butter and cheese.....	28	535	699,987	4,208,326	1,559,589	5,872,357
8 Pulp and paper.....	5	698	1,465,276	2,376,038	2,154,995	5,497,034
9 Planing mills, sash, doors, etc....	36	797	1,041,611	2,829,923	1,712,157	4,582,148
10 Bread and other bakery products..	93	779	926,755	2,269,041	1,880,064	4,287,962
11 Biscuits, confectionery, cocoa, etc.	8	801	932,149	2,055,089	2,001,850	4,113,811
12 Hosiery and knitted goods.....	4	829	839,812	1,148,968	1,718,718	2,927,096
13 Printing and publishing.....	32	827	1,086,296	451,103	2,289,665	2,781,933
14 Aerated waters.....	31	330	443,826	860,514	1,747,914	2,652,621
15 Clothing, men's factory.....	6	457	533,404	1,156,784	1,043,992	2,211,337
16 All other leading industries ¹	8	4,825	9,287,125	21,982,189	14,982,319	38,669,813
Totals, Leading Industries.....	1,031	33,122	53,097,139	92,341,471	80,860,080	180,122,833
Totals, All Industries.....	1,281	37,812	59,940,411	103,463,123	93,376,638	204,421,664
NEW BRUNSWICK						
	No.	No.	\$	\$	\$	\$
1 Pulp and paper.....	6	3,185	6,111,151	16,313,679	14,369,797	34,459,836
2 Sawmills.....	388	3,221	2,884,582	8,167,684	5,548,113	13,826,290
3 Shipbuilding and repairs.....	4	1,851	4,137,598	1,736,379	7,744,250	9,614,520
4 Fish curing and packing.....	127	1,714	1,292,690	6,170,108	2,593,850	8,948,124
5 Foods, miscellaneous.....	10	391	522,911	6,489,389	1,536,795	8,037,400
6 Slaughtering and meat packing...	3	386	512,501	4,101,268	577,957	4,714,853
7 Butter and cheese.....	35	369	452,066	3,344,544	1,067,702	4,492,972
8 Bread and other bakery products..	76	695	813,429	1,764,119	1,578,023	3,446,119
9 Fertilizers.....	3	199	317,933	2,305,203	732,710	3,048,747
10 Planing mills, sash, doors, etc....	29	695	871,460	1,629,335	1,235,184	2,903,506
11 Foods, stock and poultry.....	7	124	177,342	2,305,356	309,272	2,638,367
12 Biscuits, confectionery, cocoa.....	6	593	642,866	1,289,306	1,238,573	2,573,591
13 Heating and cooking apparatus....	3	610	910,777	562,326	1,756,947	2,360,779
14 All other leading industries ¹	6	3,589	5,680,092	16,402,905	9,835,146	26,854,936
Totals, Leading Industries.....	703	17,622	25,327,398	72,581,601	50,124,319	127,920,040
Totals, All Industries.....	937	23,164	32,345,080	83,993,599	62,258,478	152,106,577

¹ Individual statistics cannot be given because there are fewer than three establishments in each industry. Such industries are: in Prince Edward Island; slaughtering and meat packing, planing mills, sheet metal products, fertilizers, cotton and jute bags; in Nova Scotia; cotton yarn and cloth, aircraft, miscellaneous iron and steel products, wire, coke and gas, and petroleum; in New Brunswick; sugar refineries, railway rolling-stock, cotton yarn and cloth, silk and artificial silk goods and veneer and plywoods.

Section 2.—The Manufactures of Quebec, 1944

Among the assets of Quebec that have tended to develop manufacturing industries in the Province may be mentioned its natural resources of forests, water powers, minerals, and agricultural lands, and also its geographic position astride the St. Lawrence estuary permitting sea-going shipping to reach its main centres of population. Added to these natural advantages, there is a stable and industrious population, which is an important factor in industries such as textiles, clothing, boots and shoes, etc., where a large labour force is required.

The most notable change among the manufactures of Quebec in recent years has been the development of the non-ferrous metal smelting industry. This industry first appeared among the forty leading industries of the Province in nineteenth place in 1927. It has been in second place since 1935, with the exception of 1942 when it was in first place.

Quebec, with about 32 p.c. of the Dominion output in 1944, was the second largest manufacturing province. The production of pulp and paper normally constitutes the dominant industry, but in 1943 and 1944 was displaced from the premier position by the miscellaneous chemical products industry and non-ferrous metal smelting and refining. In addition to accounting for about 6 p.c. of gross value of Quebec manufactures in 1944, the pulp and paper industry furnished about 50 p.c. of the Dominion total for this industry. The value of tobacco products totalled approximately 89 p.c. cotton yarn and cloth 75 p.c., women's factory clothing 67 p.c., leather boots and shoes 65 p.c., men's factory clothing 58 p.c., railway rolling-stock 53 p.c., and non-ferrous metal smelting and refining 51 p.c. of the Dominion totals of these products. Quebec is thus an outstanding manufacturing province by reason of her large individual industries and not so much on account of the great diversification of her industrial activity.

5.—Statistics of the Leading Industries of the Province of Quebec, 1944

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1 Miscellaneous chemical products..	73	35,816	57,524,597	107,707,646	161,604,775	272,682,164
2 Non-ferrous metal smelting and refining.....	7	11,904	21,805,764	141,225,344	81,515,889	242,854,585
3 Pulp and paper.....	46	18,910	36,894,543	78,495,020	87,796,517	186,918,517
4 Aircraft.....	14	32,631	64,760,462	54,079,387	105,692,620	160,736,338
5 Shipbuilding and repairs.....	13	22,162	45,292,822	45,617,910	62,582,627	109,558,276
6 Iron and steel products, miscel- laneous.....	48	8,988	18,600,102	63,626,813	36,640,498	101,226,254
7 Electrical apparatus and supplies.....	38	16,332	27,805,400	52,150,626	46,667,943	99,449,654
8 Clothing, women's, factory.....	499	16,927	22,027,576	49,444,148	40,167,522	89,797,503
9 Railway rolling-stock.....	10	14,829	31,372,920	40,897,259	45,754,630	88,652,108
10 Cotton yarn and cloth.....	16	15,230	19,559,841	51,675,282	33,475,070	87,587,072
11 Slaughtering and meat packing.....	30	3,398	5,308,048	67,992,817	11,891,216	80,379,717
12 Clothing, men's, factory.....	240	14,272	17,960,382	46,688,861	33,246,986	80,170,220
13 Tobacco, cigars and cigarettes.....	45	9,224	11,474,673	33,151,772	29,887,852	63,277,589
14 Butter and cheese.....	1,035	4,077	4,886,839	44,857,870	8,195,350	54,008,052
15 Petroleum products.....	7	1,175	2,563,684	40,885,176	9,022,966	52,116,936
16 Sawmills.....	1,940	10,785	9,191,188	29,920,319	19,835,978	50,099,695
17 Boots and shoes, leather.....	138	12,331	14,379,593	28,353,717	20,937,740	49,510,241
18 Brass and copper products.....	40	4,585	8,604,564	21,782,483	19,090,106	41,835,878
19 Machinery.....	44	7,648	14,269,233	15,221,772	24,406,722	40,234,781
20 Silk and artificial silk.....	23	7,571	9,682,855	13,116,235	20,778,625	34,959,717
21 Primary iron and steel.....	17	6,137	11,950,859	10,422,778	19,755,616	32,959,912
22 Hosiery and knitted goods.....	70	8,995	10,065,366	14,985,874	17,328,753	32,761,805
23 Bread and other bakery products.....	1,076	7,399	8,977,921	15,528,951	15,327,448	32,033,466
24 Acids, alkalis and salts.....	11	2,759	5,300,341	12,878,467	12,714,018	28,539,640
25 Breweries.....	8	2,946	5,829,690	7,436,910	18,914,723	26,889,539
26 Hardware, tools and cutlery.....	49	5,338	9,955,053	5,865,344	20,141,267	26,417,028
27 Sheet metal products.....	38	4,447	6,777,812	13,559,206	12,540,641	26,385,610
28 Rubber goods, including rubber footwear.....	19	5,047	6,772,666	13,937,943	10,336,003	24,738,982
29 Medicinal and pharmaceutical pre- parations.....	83	3,217	5,094,157	10,895,931	13,051,900	24,152,917
30 Sugar refineries.....	3	654	1,223,828	19,239,405	4,268,065	24,046,650
31 Biscuits, confectionery, cocoa, etc.	59	3,645	4,092,554	12,475,844	9,573,673	22,371,808
32 Foods, miscellaneous.....	73	1,460	2,082,296	13,856,176	7,930,177	21,980,785
33 Flour and feed mills.....	201	1,077	1,605,138	17,216,291	3,468,105	20,903,886
34 Paints, pigments and varnishes.....	28	2,022	3,481,651	10,213,465	10,101,440	20,554,603
35 Foods, stock and poultry.....	46	683	1,089,578	17,399,084	2,479,073	19,997,354
36 Fur goods.....	215	2,427	3,668,662	13,563,234	6,255,410	19,873,547
37 Printing and publishing.....	72	4,611	7,829,786	4,418,758	14,974,222	19,593,818
38 Aerated and mineral waters.....	160	2,064	3,292,364	6,272,921	11,457,321	18,014,548
39 Castings, iron.....	48	3,623	6,705,777	7,968,572	9,513,790	17,922,605
40 Miscellaneous textiles.....	10	1,924	3,377,058	8,820,824	8,706,200	17,792,963
Totals, Leading Industries.....	6,592	339,270	553,137,643	1,263,826,435	1,128,029,483	2,164,006,763
Totals, All Industries.....	9,656	424,115	668,156,053	1,494,253,053	1,350,519,134	2,929,685,183
Percentage of Leading Industries to all Industries.....	68.3	79.9	82.8	84.5	83.6	84.0

Section 3.—The Manufactures of Ontario, 1944

The gross value of the manufactured products of Ontario in 1944 represented about 48 p.c. of the total for the whole Dominion, while that of Quebec amounted to about 32 p.c. This premier position in manufacturing has been fairly uniformly maintained by Ontario, as the following percentages show: 1926, 52 p.c.; 1918, 53 p.c.; 1910, 50 p.c.; 1900, 50 p.c.; 1890, 51 p.c.; and 1880, 51 p.c. In spite of the rapid industrial development in recent years in other provinces, such as Quebec, British Columbia and Manitoba, Ontario is maintaining a manufacturing production roughly equal to that of the remainder of the Dominion.

The geographic position of Ontario on the Great Lakes waterway system, by means of which the iron ore of Minnesota and the coal of Pennsylvania are readily accessible; the wide range of natural resources of forests, minerals, water powers, and agriculture; a large population and excellent water and rail transportation facilities to other parts of the country, have all encouraged industrial development. Other factors have been proximity to one of the most densely populated sections of the United States and the establishment within the Province of branch factories of United States industries, as in automobile manufacturing.

Industries producing capital or durable goods, which constitute an important factor in the manufactures of Ontario, were particularly hard hit during the early years of the depression preceding the Second World War. Thus, production was disproportionately curtailed in such important industries as automobiles, electrical equipment, machinery, agricultural implements, primary iron and steel, etc. This resulted in a lowering of the manufacturing production of the whole Province relatively to that of other provinces less affected by these influences. With the recovery since 1933 and the expansion in production resulting from the Second World War these industries in general have made good recovery, and Ontario, which accounted for 49 p.c. of the gross value of all products manufactured in the Dominion in 1933, had by 1942 increased the relative value to 50.5 p.c. In 1944 the percentage dropped again to 47.8, thus indicating a relatively greater expansion of war production in other provinces.

Ontario also has the greatest diversification of manufacturing production of any province. Outstanding among the industries in which this Province is pre-eminent are those of automobiles, agricultural implements and starch manufacture which are carried on practically in this Province alone. Other important industries in which Ontario leads, with the percentage which the production of each bears to that of the Dominion total, in 1944 are as follows: leather tanneries 86, rubber goods 85, primary iron and steel 70, electrical apparatus and supplies 64, iron castings 62, fruit and vegetable preparations 60, flour and feed mills 58, furniture 57, and hosiery and knitted goods 55.

6.—Principal Statistics of the Leading Industries of the Province of Ontario, 1944

Industry	Estab-lish-ments	Em-ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1 Automobiles.....	4	22,392	53,676,361	234,308,320	86,656,572	323,287,967
2 Aircraft.....	23	33,777	70,054,512	74,602,768	141,896,721	217,573,199
3 Electrical apparatus and supplies..	167	31,860	53,569,965	66,777,695	111,644,028	180,226,910
4 Non-ferrous metal smelting and refining.....	7	8,424	15,662,420	135,905,849	31,024,235	179,256,596
5 Slaughtering and meat packing.....	71	7,219	12,264,823	136,554,556	21,065,865	158,666,667
6 Automobile supplies.....	66	19,509	37,398,970	81,940,630	71,477,975	155,533,947
7 Primary iron and steel.....	27	17,470	36,167,112	67,151,835	69,833,420	148,598,186
8 Miscellaneous chemical products..	122	11,918	19,927,408	113,329,725	32,040,639	146,389,169

6.—Principal Statistics of the Leading Industries of the Province of Ontario, 1944 —concluded

	Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
		No.	No.	\$	\$	\$	\$
9	Rubber goods, including rubber footwear.....	32	16,301	29,103,399	68,227,322	72,338,823	144,581,743
10	Iron and steel products, miscellaneous.....	92	23,650	46,899,684	53,425,043	73,757,871	128,893,354
11	Flour and feed mills.....	690	3,800	5,339,217	109,254,523	14,319,853	124,506,511
12	Pulp and paper.....	38	10,864	22,266,590	47,148,136	49,765,313	106,197,694
13	Brass and copper products.....	99	12,074	23,106,867	48,852,230	52,819,194	103,330,148
14	Machinery.....	170	16,300	30,780,095	29,323,836	60,827,957	91,114,482
15	Butter and cheese.....	848	7,969	11,322,338	61,997,930	18,484,050	82,097,944
16	Petroleum products.....	16	3,191	6,794,244	51,226,366	24,779,781	79,980,443
17	Scientific and professional equipment.....	26	9,026	18,140,788	32,423,015	41,597,389	74,360,467
18	Sheet metal products.....	108	10,008	16,528,965	35,568,852	31,544,869	67,966,692
19	Fruit and vegetable preparations.....	192	8,518	9,359,004	35,728,101	27,123,803	63,822,107
20	Agricultural implements.....	25	13,590	24,871,339	24,394,796	33,843,294	59,280,751
21	Bread and other bakery products.....	1,058	12,866	16,843,662	26,261,384	28,348,073	56,397,386
22	Hardware, tools and cutlery.....	172	10,504	18,981,433	13,671,063	35,175,419	49,787,718
23	Shipbuilding and repairs.....	23	9,504	19,538,446	12,204,260	34,183,621	46,818,200
24	Biscuits, confectionery, cocoa, etc.....	85	7,462	9,636,679	22,231,123	23,344,202	46,124,362
25	Hosiery and knitted goods.....	114	12,390	13,871,910	21,663,410	23,689,466	46,020,702
26	Castings, iron.....	88	9,225	17,436,275	17,469,133	26,447,572	45,673,779
27	Railway rolling-stock.....	15	6,456	12,968,162	20,939,501	21,711,429	43,614,998
28	Clothing, men's, factory.....	118	9,324	13,687,427	23,203,775	20,093,354	43,638,625
29	Coke and gas products.....	18	2,921	5,422,515	24,836,855	14,493,773	42,386,597
30	Acids, alkalis and salts.....	20	4,339	8,739,618	15,182,933	20,764,773	40,924,926
31	Printing and publishing.....	293	8,059	14,815,155	9,075,689	30,241,792	39,717,930
32	Leather tanneries.....	27	3,686	6,435,719	24,011,530	14,145,573	38,858,739
33	Foods, miscellaneous.....	114	3,476	4,437,174	24,852,768	12,713,796	37,797,703
34	Clothing, women's, factory.....	276	6,967	10,432,308	18,212,333	16,847,111	35,153,786
35	Printing and bookbinding.....	556	8,303	12,236,018	13,015,824	19,790,000	33,106,800
36	Miscellaneous paper products.....	95	3,997	6,121,077	16,858,313	14,692,442	31,870,900
37	Boxes and bags, paper.....	86	5,826	7,676,367	17,581,466	13,896,599	31,739,718
38	Bridge and structural steel work.....	12	4,130	9,162,799	9,776,611	20,392,024	30,521,083
39	Sawmills.....	987	6,834	7,054,856	16,997,121	13,085,059	30,312,517
40	Breweries.....	22	2,175	4,656,522	5,798,992	23,711,885	29,897,554
Totals, Forty Leading Industries.....		7,002	426,304	763,388,223	1,861,985,612	1,494,609,615	3,435,829,000
Totals, All Industries.....		10,731	564,392	975,038,060	2,310,347,858	1,930,043,913	4,339,797,784
Percentage of Leading Industries to All Industries.....		65.2	75.5	78.3	80.6	77.4	79.2

Section 4.—The Manufactures of the Prairie Provinces, 1944

The leading industries of these Provinces are those based on their agricultural resources—their grain-growing, cattle-raising, and dairying areas. Next in importance, generally, are industries providing for the more necessary needs of the resident population, such as the baking of bread, printing and publishing, etc. The extensive railway services require large shops for the maintenance of rolling-stock, especially in the Winnipeg area. The widespread use of motor-vehicles and power machinery on farms has given rise to petroleum refineries in each province. The greatly increased production of crude petroleum in Alberta seems likely to lead to further development of the refining industry. Manitoba, as the early commercial centre of the prairies, has had a greater industrial development than either of the other provinces. Its natural resources of accessible water powers, forests, and, more recently, minerals, have given rise to quite a diversification of industrial production.

Considering the Prairie Provinces as an economic unit, slaughtering and meat packing had the largest gross value of production in 1944, amounting to \$273,197,731, followed by flour and feed mills with \$39,775,479, butter and cheese \$56,483,771, petroleum products \$42,472,090, railway rolling-stock \$24,394,795. These five industries accounted for about 60 p.c. of the total production of the Prairie Provinces. Other leading industries, in the order named, were: miscellaneous food products, bread and other bakery products, breweries, sawmills, etc.

7.—Statistics of the Leading Industries of the Prairie Provinces, 1944

Industry	Estab- lish- ment s	Em- ployees	Salaries and Wages	Cost of Materials used	Net Value of Products	Gross Value of Products
MANITOBA						
	No.	No.	\$	\$	\$	\$
1 Slaughtering and meat packing...	12	4,903	7,944,250	98,648,494	20,777,110	119,852,480
2 Flour and feed mills.....	38	720	1,059,699	19,063,646	2,767,493	22,020,225
3 Railway rolling-stock.....	4	4,951	9,996,198	9,217,172	10,553,962	20,187,308
4 Butter and cheese.....	92	1,455	2,191,425	13,284,088	4,388,957	17,958,174
5 Miscellaneous chemical products..	8	2,433	4,069,892	5,549,139	4,341,990	10,402,584
6 Aircraft.....	4	3,249	5,425,323	452,892	9,019,731	9,607,762
7 Clothing, men's factory.....	31	1,848	1,921,019	4,665,377	2,887,578	7,587,060
8 Foods, miscellaneous.....	20	512	633,124	7,575,839	1,895,925	9,509,479
9 Bags, cotton and jute.....	5	280	364,043	6,384,922	996,730	7,396,866
10 Clothing, women's factory.....	29	1,320	1,542,448	4,192,105	2,688,253	6,903,337
11 Biscuits, confectionery, etc.....	13	975	1,071,453	2,452,319	3,849,991	6,379,060
12 Bread and other bakery products	127	1,341	1,671,989	2,867,680	2,897,185	5,960,884
13 Breweries.....	6	503	938,370	1,149,608	4,032,229	5,295,098
14 Printing and publishing.....	75	998	1,618,661	798,927	3,684,631	4,544,991
15 All other leading industries ¹	5	848	1,810,026	8,329,838	5,298,268	14,286,217
Totals, Leading Industries...	469	26,336	42,257,920	184,632,046	80,080,033	267,891,525
Totals, All Industries.....	1,290	40,937	62,758,081	226,234,925	120,339,926	352,334,594
SASKATCHEWAN						
	No.	No.	\$	\$	\$	\$
1 Slaughtering and meat packing...	8	2,239	3,545,850	42,257,684	8,797,180	51,812,961
2 Flour and feed mills.....	45	697	1,104,015	22,157,588	2,343,586	24,831,897
3 Butter and cheese.....	71	1,457	1,817,787	15,864,578	4,217,227	20,342,971
4 Petroleum products.....	7	649	1,259,106	15,387,991	3,472,402	19,824,611
5 Sawmills.....	506	1,848	1,252,670	2,434,429	2,994,874	5,571,572
6 Foods, miscellaneous.....	6	227	244,931	4,235,958	1,068,135	5,327,444
7 Bread and other bakery products	91	822	982,555	2,210,509	1,986,649	4,325,233
8 Breweries.....	5	246	451,037	617,597	2,717,288	3,421,397
9 Printing and publishing.....	112	793	1,256,599	532,737	2,175,531	2,764,542
10 Feeds, stock and poultry.....	8	96	162,318	1,633,757	261,971	1,819,434
11 Aerated and mineral waters.....	20	164	253,106	499,852	725,161	1,261,912
12 All other leading industries ¹	3	1,549	3,172,829	20,389,211	5,777,294	26,972,346
Totals, Leading Industries...	882	10,787	15,536,803	128,121,891	36,537,298	167,776,320
Totals, All Industries.....	1,034	12,361	17,703,103	131,215,017	40,833,333	175,349,234
ALBERTA						
	No.	No.	\$	\$	\$	\$
1 Slaughtering and meat packing...	12	4,409	6,873,130	86,493,152	15,157,047	102,032,290
2 Flour and feed mills.....	81	921	1,338,614	18,920,704	3,790,978	22,923,357
3 Petroleum products.....	6	572	1,124,681	12,718,167	5,767,095	18,987,615
4 Butter and cheese.....	108	1,540	1,991,467	14,067,604	3,896,643	18,182,626
5 Bread and other bakery products	130	1,208	1,599,360	3,308,516	3,385,853	6,816,017
6 Breweries.....	5	373	705,304	1,129,389	5,344,618	6,531,842
7 Sawmills.....	345	1,877	1,515,177	2,542,089	2,889,786	5,564,400
8 Railway rolling-stock.....	3	1,174	2,220,183	1,881,882	2,180,548	4,207,487
9 Foods, miscellaneous.....	12	134	133,099	2,742,708	856,269	3,612,101
10 Printing and publishing.....	84	770	1,294,220	545,364	2,886,831	3,473,623
11 Clothing, men's factory.....	7	578	747,678	1,561,455	1,352,469	2,922,107
12 Planing mills.....	33	546	771,408	1,615,735	1,069,043	2,720,586
13 Castings, iron.....	11	556	999,661	716,466	1,663,659	2,421,405
14 Feeds, stock and poultry.....	19	157	235,832	1,797,516	335,563	2,150,923
15 Fruit and vegetable preparations..	6	302	273,354	1,015,028	646,241	1,683,657
16 Aerated and mineral waters.....	18	196	306,785	584,857	1,012,794	1,625,810
17 Printing and bookbinding.....	54	438	677,452	457,366	953,143	1,428,372
18 Boxes, wooden.....	5	302	420,152	759,996	641,886	1,417,039
19 Clay products from domestic clay	10	516	552,688	29,240	1,085,437	1,143,577
20 All other leading industries ¹	16	3,141	5,969,966	12,996,585	15,695,733	29,346,070
Totals, Leading Industries...	965	19,710	29,750,211	165,883,812	70,611,636	239,690,904
Totals, All Industries.....	1,165	22,186	33,227,729	172,082,537	77,415,753	252,949,894

¹ Other leading industries, individual statistics for which cannot be given because there are fewer than three establishments in each industry are: Manitoba, bridge and structural steel, non-ferrous metal smelting and refining and pulp and paper; Saskatchewan, non-ferrous metal smelting and refining, miscellaneous iron and steel products, aircraft and bags, cotton and jute; Alberta, cement, glass products, miscellaneous iron and steel products, primary iron and steel, wood preservation, malt and malt products, sugar refineries, acids, alkalies and salts and cheese, processed.

Section 5.—The Manufactures of British Columbia, 1944

British Columbia in 1944 was again the third most important manufacturing province of the Dominion. Normally its rich forests give the wood industries a pre-eminence in the Province. Due to the exigencies of the War which resulted in the establishment of a huge shipbuilding industry on the Pacific Coast, the iron and its products group displaced wood and paper as the dominant factor in British Columbia manufacturing production. As a result of this, the shipbuilding industry with a gross value of production of \$124,175,065 and accounting for 19 p.c. of the total output of the Province in 1944 was the dominant industry. This industry which rose from sixth place in 1940 when the output was valued at only \$9,943,941, reached its maximum expansion in 1943 when the output was valued at \$155,536,396 and the persons employed totalled 31,238. The operations of this industry declined during 1944, the gross value of production dropping by \$31,361,331 and the number of persons employed by 6,623. Emphasizing the importance of the forests in the industrial life of the Province, the sawmilling industry ranked second with a gross value of production of \$98,381,844, and the pulp and paper industry fourth with \$32,726,647. Third in importance was fish-curing and -packing, based principally on the estuarial salmon fisheries. British Columbia accounted for 48 p.c. of the total production of this industry in Canada. Other important industries were: slaughtering and meat packing, petroleum products, fruit and vegetable preparations, machinery, butter and cheese, etc. The varied resources of the Province and its position on the Pacific Coast have resulted in a wide diversification of its manufactures.

8.—Statistics of the Leading Industries of the Province of British Columbia, 1944

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials used	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1 Shipbuilding and repairs.....	22	24,615	51,827,314	29,356,048	93,674,331	124,175,065
2 Sawmills.....	498	15,274	27,110,882	51,324,211	46,251,574	98,381,844
3 Fish curing and packing.....	72	3,568	5,142,961	21,401,993	11,228,791	33,058,628
4 Pulp and paper.....	7	3,901	8,411,434	12,338,145	18,131,055	32,726,647
5 Slaughtering and meat packing...	11	1,205	2,134,801	21,132,581	3,291,104	24,587,190
6 Petroleum products.....	6	416	896,217	15,387,576	1,407,381	17,278,020
7 Fruit and vegetable preparations..	62	2,140	2,570,392	10,646,717	5,425,836	16,280,853
8 Machinery.....	26	2,270	4,570,759	5,408,161	8,462,539	13,986,622
9 Butter and cheese.....	36	1,084	1,825,473	9,311,954	3,590,965	13,168,262
10 Fertilizers.....	5	1,096	2,572,595	4,250,970	7,679,536	12,995,510
11 Bread and other bakery products	252	2,336	3,279,966	5,438,975	5,934,594	11,669,971
12 Veneer and plywood.....	8	1,788	2,866,215	4,352,336	6,767,600	11,247,593
13 Sheet metal products.....	18	1,240	2,185,079	6,198,301	4,601,584	10,880,794
14 Foods, miscellaneous.....	29	526	619,147	7,747,674	1,760,150	9,546,137
15 Breweries.....	11	504	1,045,175	1,231,817	6,268,321	7,610,409
16 Foods, stock and poultry.....	28	430	646,797	6,377,247	990,089	7,430,499
17 Iron and steel products, n.e.s.	19	1,197	2,762,501	1,545,684	5,734,900	7,390,740
18 Printing and publishing.....	71	1,691	2,979,642	1,353,023	5,892,821	7,312,134
19 Acids, alkalies and salts.....	4	444	877,883	699,444	6,062,183	7,284,745
20 All other leading industries ¹	8	12,873	26,500,111	37,227,316	42,489,831	84,090,486
Totals, Leading Industries...	1,193	78,598	150,825,344	252,730,173	285,645,185	551,102,149
Totals, All Industries.....	2,116	96,062	178,639,118	303,560,016	337,137,197	655,844,689

¹ Includes other leading industries, statistics of which cannot be published because there are fewer than three establishments in each industry. Such industries are: distilleries, sugar refineries, bridge and structural steel and non-ferrous smelting and refining.

Section 6.—Manufacturing Industries in Urban Centres

The prosperity of most of the cities and towns of Canada, especially in the east, is intimately connected with their manufacturing industries, which provide employment for a large proportion of their gainfully occupied population. In the west the cities are more largely distributing centres, though manufactures are rapidly increasing there also.

Table 9, indicating the extent to which the manufacturing industries of Canada are concentrated in urban centres, shows by provinces the proportion of the gross manufacturing production contributed by cities and towns having a gross production of over \$1,000,000 each. In the more highly industrialized provinces of Ontario and Quebec such cities and towns in 1944 accounted for 89.5 p.c. and 91.1 p.c., respectively, of the totals for those provinces, while in the Maritime Provinces and British Columbia, where sawmilling, fish-packing, and dairying are leading industries, the proportions fell to 70.9 p.c. and 77.5 p.c., respectively. In the Prairie Provinces manufacturing is confined largely to a few urban centres.

9.—Cities and Towns Each with a Gross Manufacturing Production of Over \$1,000,000. Number of Establishments and Total Production in such Urban Centres as a Percentage of the Grand Total, by Provinces, 1944.

NOTE—Statistics published in this table are in some cases higher than the figures published in Table 11, since, in the table below are included statistics of towns with less than three establishments and production of over \$1,000,000 each. It was not possible to publish this information, except in summary form in Table 11 without disclosing the operations of individual establishments.

Province	Urban Centres with a Gross Production of over \$1,000,000 each	Establishments Reporting in Urban Centres Producing over \$1,000,000 each	Total Production in Urban Centres Producing over \$1,000,000 each	Total Production in each Province	Production in Urban Centres as a Percentage of Total Production in each Province
	No.	No.	\$	\$	p.c.
Prince Edward Island.....	2	55	5,936,696	10,713,644	55.4
Nova Scotia.....	20	388	148,576,172	204,421,664	72.7
New Brunswick.....	14	304	105,936,356	152,106,577	69.6
Quebec.....	102	5,108	2,669,217,408	2,929,685,183	91.1
Ontario.....	143	7,543	3,882,139,989	4,339,797,784	89.5
Manitoba.....	7	799	317,876,742	352,334,594	90.2
Saskatchewan.....	7	296	139,705,783	175,349,234	79.7
Alberta.....	7	470	215,868,247	252,949,894	85.3
British Columbia.....	16	1,440	508,193,768	655,844,689	77.5
Yukon and Northwest Territories...	—	—	—	489,256	—
Canada.....	318	16,403	7,993,451,161	9,073,692,519	88.1

10.—Principal Statistics of the Manufacturing Industries of the Six Leading Manufacturing Cities of Canada, 1933-44

NOTE—The dyeing, cleaning and laundry industry is included for the years prior to 1936.

City and Year	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹	
	No.	\$	No.	\$	\$	\$	
Montreal.....	1933	2,226	363,342,078	80,212	74,150,933	148,504,215	300,636,197
	1935	2,346	382,332,791	94,612	89,934,540	201,022,033	383,547,972
	1937	2,474	415,816,451	105,931	112,652,112	281,407,645	511,481,056
	1938	2,469	409,578,419	103,254	111,431,966	253,277,569	474,534,099
	1939	2,501	423,234,648	105,315	114,602,118	254,188,246	483,246,588
	1940	2,519	475,575,804	118,774	138,118,813	334,350,566	604,806,399
	1941	2,669	556,538,023	147,917	187,239,445	444,557,884	803,685,93
	1942	3,007	629,809,985	169,987	240,888,491	541,625,660	976,767,73
	1943	2,992	721,223,427	194,643	307,922,631	665,209,935	1,184,114,45
	1944	3,109	²	185,708	308,396,358	650,618,563	1,215,988,01
Toronto.....	1933	2,604	388,995,096	75,645	80,855,883	146,286,472	308,983,63
	1935	2,689	386,898,652	86,226	97,144,947	190,370,255	385,883,45
	1937	2,797	423,350,508	96,247	115,520,050	247,422,098	475,470,14
	1938	2,863	424,209,626	94,930	115,832,230	229,641,098	455,527,32
	1939	2,885	447,009,768	98,702	122,553,435	240,532,281	482,532,33
	1940	2,911	500,559,305	112,136	145,538,148	306,675,426	595,913,17
	1941	3,045	554,317,600	133,099	184,267,132	391,328,916	756,923,99
	1942	3,211	635,981,329	151,639	228,875,152	451,198,158	886,256,46
	1943	3,238	647,907,281	156,459	259,307,913	481,504,056	961,923,99
	1944	3,344	²	154,538	260,776,613	513,429,109	1,020,345,39
Hamilton.....	1933	469	171,625,714	21,524	21,523,337	35,672,272	83,530,29
	1935	484	176,246,963	26,769	30,162,244	53,740,074	114,691,79
	1937	479	182,730,036	32,616	40,255,040	83,978,873	170,651,20
	1938	471	186,397,262	31,313	38,297,830	71,849,817	150,394,43
	1939	461	206,584,330	31,512	39,563,423	70,829,034	152,746,33
	1940	474	230,821,923	39,081	54,139,253	106,595,186	212,587,29
	1941	491	255,862,917	45,421	72,845,604	136,403,197	283,670,03
	1942	482	273,212,977	50,744	85,111,817	166,078,144	347,752,13
	1943	485	315,896,136	54,671	95,576,332	164,271,139	362,743,03
	1944	480	²	53,500	94,982,915	171,117,467	363,033,63
Windsor.....	1933	247	66,398,372	10,212	10,719,819	25,752,258	49,359,29
	1935	236	64,298,564	15,227	20,714,545	64,062,711	104,908,13
	1937	228	77,750,511	18,650	26,919,449	78,667,058	136,896,13
	1938	224	79,940,995	17,732	26,088,439	67,680,572	125,333,33
	1939	222	80,436,233	17,729	25,938,890	63,907,106	122,474,33
	1940	215	102,896,682	20,916	37,260,970	112,991,063	194,174,13
	1941	223	138,929,934	29,486	57,653,986	175,847,231	289,027,79
	1942	233	206,556,146	37,057	76,276,589	240,384,518	383,323,29
	1943	229	206,850,571	38,516	85,965,874	247,504,385	417,745,13
	1944	231	²	35,912	80,667,573	232,102,240	387,603,88
Vancouver.....	1933	746	74,209,271	12,094	11,754,124	28,588,106	55,160,93
	1935	811	83,594,899	15,683	16,789,590	39,863,397	73,981,83
	1937	824	85,851,189	17,641	20,783,032	53,139,109	95,717,43
	1938	842	91,714,005	17,968	21,700,941	52,178,629	91,637,93
	1939	829	92,797,032	17,957	22,382,192	56,565,511	101,267,93
	1940	849	101,429,495	20,767	26,502,084	70,468,864	120,981,13
	1941	864	115,960,608	25,223	34,132,996	90,720,812	162,982,13
	1942	897	136,336,017	37,858	60,779,827	116,153,100	223,235,13
	1943	898	193,795,910	45,971	81,059,815	130,442,455	288,196,63
	1944	933	²	43,473	79,141,407	142,416,371	289,393,93
Winnipeg.....	1933	600	73,886,398	15,336	15,155,537	28,353,612	53,287,13
	1935	616	71,837,683	16,649	17,568,833	36,823,174	67,217,43
	1937	622	72,419,041	17,284	19,687,511	45,498,865	80,108,83
	1938	634	68,339,544	17,153	19,811,744	43,319,595	78,029,93
	1939	648	73,255,368	17,571	20,717,273	44,873,043	81,024,83
	1940	657	79,684,791	19,026	22,673,057	55,490,847	98,163,93
	1941	677	105,406,381	23,831	30,169,726	73,427,543	127,913,33
	1942	692	113,297,399	27,768	38,191,886	88,897,218	156,337,13
	1943	688	100,511,565	24,898	35,807,283	103,485,838	174,523,13
	1944	686	²	25,870	38,824,299	119,917,745	198,169,13

¹ Net value is derived from gross value by deducting cost of materials, fuel, and electricity. For cost of fuel and electricity in 1944 see Table 11.

² Information not collected.

11.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1914

NOTE.—Statistics for cities and towns with three or more establishments cannot be published when one establishment has 75 p.c. or two establishments 90 p.c. of the total production.

Province and Municipality	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products ¹
	No.	No.	\$	\$	\$	\$
P. E. Island—						
Charlottetown.....	35	669	910,095	47,463	2,339,246	4,076,487
Summerside.....	20	296	303,095	41,006	1,167,523	1,860,209
Nova Scotia—						
Amherst.....	22	3,071	5,469,326	225,750	2,001,307	8,529,543
Berwick.....	8	268	263,972	58,438	879,093	1,392,285
Bridgetown.....	9	258	297,594	45,229	1,010,469	1,706,509
Dartmouth.....	15	257	365,782	33,980	821,198	1,715,610
Digby.....	11	163	159,865	17,670	697,448	1,169,057
Halifax.....	113	7,138	12,147,517	611,878	15,364,695	37,324,862
Kentville.....	10	237	270,884	59,039	925,365	1,554,096
Lockport.....	3	243	315,259	28,605	1,008,918	1,615,503
Lunenburg.....	15	686	1,167,945	66,789	2,106,220	3,959,231
Middleton.....	7	252	254,832	51,180	773,117	1,239,150
New Glasgow.....	26	869	1,435,885	125,919	1,930,019	4,128,286
North Sydney.....	12	329	445,583	24,946	1,545,699	2,456,851
Pictou.....	9	2,955	6,402,352	187,565	7,209,424	14,065,110
Sydney.....	42	6,277	11,043,211	2,995,758	17,763,105	34,199,379
Trenton.....	4	2,110	4,190,965	495,072	6,269,943	12,896,349
Truro.....	27	1,206	1,317,729	107,258	2,413,417	5,502,547
Windsor.....	10	348	349,195	29,199	1,347,528	2,013,376
Yarmouth.....	29	1,002	1,136,879	113,251	2,765,408	5,208,251
New Brunswick—						
Campbellton.....	17	474	640,233	41,164	675,741	1,527,472
Fredericton.....	26	611	735,577	59,051	1,824,091	3,117,613
Moncton.....	51	3,104	4,799,216	213,634	7,791,484	14,043,130
Newcastle.....	13	336	337,224	25,497	1,341,702	1,884,747
Sackville.....	11	624	884,554	40,725	629,297	2,452,093
St. Andrews.....	4	116	174,891	6,617	1,327,332	1,832,923
St. John.....	121	4,657	6,816,824	769,909	28,519,337	43,586,062
St. Stephen.....	14	541	634,654	60,149	1,674,417	2,937,520
Sussex.....	13	240	315,576	12,769	949,414	1,633,791
Quebec—						
Acton Vale.....	13	638	749,490	47,392	1,450,817	2,554,477
Asbestos.....	14	460	642,531	141,730	1,804,492	3,057,082
Beauharnois.....	12	1,843	3,533,543	2,517,819	8,893,360	18,748,855
Bedford.....	9	599	678,645	29,817	194,273	2,153,922
Berthier.....	14	713	772,757	149,867	1,777,441	4,012,999
Brownburg.....	7	1,479	2,681,246	92,569	2,419,067	6,121,918
Buckingham.....	12	1,003	1,549,671	774,677	5,349,571	11,055,435
Cabano.....	5	305	270,364	4,004	636,453	1,011,610
Cap-de-la-Madeleine.....	19	2,490	3,283,593	245,760	6,942,477	14,530,995
Chambly Canton.....	6	546	558,907	70,858	866,663	1,861,714
Chicoutimi.....	19	385	463,150	35,617	642,347	1,461,234
Coaticook.....	19	914	940,455	69,426	2,567,505	4,329,109
Danville.....	12	164	175,696	65,334	628,625	1,005,631
Drummondville.....	32	6,458	8,362,029	1,043,141	9,756,253	29,593,766
Farnham.....	18	797	953,201	110,813	2,455,738	4,570,137
Granby.....	46	4,332	5,332,346	298,603	14,545,212	26,582,446
Grand-Mere.....	18	1,949	2,567,753	982,126	6,148,827	14,064,211
Hull.....	48	3,497	5,082,174	894,729	14,931,565	24,326,472
Huntingdon.....	11	476	709,455	50,453	2,072,984	3,524,606
Joliette.....	47	1,708	2,019,051	241,228	3,312,137	7,034,096
Jonquiere.....	14	393	644,804	110,760	1,458,193	2,962,501
Lachine.....	39	6,768	14,384,082	787,844	21,624,898	46,375,837
La Perade (Ste. Anne).....	11	254	242,701	49,883	1,680,852	2,214,044
La Prairie.....	15	509	720,914	290,733	544,675	2,214,515
La Salle.....	16	1,571	2,403,023	516,217	11,489,400	24,609,971
La Sarre.....	14	202	278,929	9,271	721,924	1,159,402
Lennoxville.....	9	297	438,551	110,428	650,676	1,505,209
Levis.....	24	287	363,080	19,832	766,869	1,368,668
Longueuil.....	13	10,771	21,546,272	323,935	18,521,094	49,443,322
Loretteville.....	19	591	561,111	15,381	1,005,801	1,874,079
MacMasterville.....	4	665	1,287,132	136,115	3,782,351	6,596,894

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

11.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1944—continued

Province and Municipality	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products ¹
	No.	No.	\$	\$	\$	\$
Quebec—Concluded						
Marieville.....	17	674	582,675	31,111	1,748,728	3,363,758
Matane.....	13	284	313,338	4,047	787,334	1,337,916
Megantic (Lac).....	12	528	535,609	5,418	546,626	1,184,992
Montmagny.....	29	1,165	1,361,013	75,485	2,562,185	4,924,246
Montmorency.....	4	1,691	2,168,591	159,317	4,606,888	9,423,561
Montreal.....	3,109	185,708	308,396,358	15,855,932	650,618,563	1,215,988,014
Montreal East.....	20	3,620	6,927,317	4,464,364	76,405,179	122,626,193
Napierville.....	9	154	148,429	20,472	677,543	1,010,134
Nicolet.....	13	434	384,042	13,774	922,922	1,966,094
Outremont.....	18	1,262	1,978,041	71,414	6,969,554	12,404,228
Plessisville.....	14	759	866,049	44,105	1,314,248	2,475,953
Pointe aux Trembles.....	9	396	540,743	28,462	1,610,918	2,535,138
Pont Rouge.....	11	303	319,071	151,531	1,516,216	3,044,396
Princeville.....	9	245	239,547	23,308	2,575,320	2,946,317
Quebec.....	318	25,424	36,782,730	3,013,783	45,709,952	115,143,670
Richmond.....	9	561	602,030	24,045	954,967	1,691,146
Rimouski.....	21	708	952,165	26,968	2,215,030	3,872,978
Riviere du Loup.....	19	361	568,764	75,216	388,207	1,146,696
Roberval.....	8	251	198,730	12,732	654,179	1,205,430
Rock Island.....	11	850	1,469,049	66,115	1,023,501	4,630,459
St. Cesaire.....	26	353	306,050	20,293	727,575	1,165,902
St. George Est.....	10	457	459,254	42,893	529,660	1,276,288
St. Hyacinthe.....	67	4,970	5,525,036	349,136	13,288,551	24,180,447
St. Jean.....	57	4,211	5,609,531	516,353	8,889,029	17,964,663
St. Jerome (Terrebonne).....	35	3,218	3,914,815	322,686	10,874,947	19,081,295
St. Lambert.....	12	594	758,861	50,946	1,380,023	3,231,720
St. Laurent.....	17	11,546	21,333,234	404,524	14,769,247	47,824,820
Ste. Marie.....	16	309	308,854	17,875	644,774	1,150,762
St. Remi.....	12	258	239,537	25,099	987,171	1,563,027
St. Tite.....	20	313	298,068	10,082	888,231	1,368,157
Sayabec (Laindon).....	7	183	206,509	1,993	1,389,976	1,749,733
Shawinigan Falls.....	41	6,091	10,925,393	8,420,121	32,570,376	68,486,500
Shawbrooke.....	88	8,142	11,249,811	785,434	17,416,624	40,005,892
Sorel.....	34	3,203	5,979,584	730,424	6,786,651	22,892,370
Terrebonne.....	14	491	713,415	23,498	1,220,723	2,928,974
Three Rivers.....	73	6,296	9,932,897	3,895,821	20,512,486	45,145,700
Thurso.....	9	227	268,590	5,786	777,354	1,313,220
Trois Pistoles.....	13	124	156,702	8,636	852,467	1,195,300
Valleyfield.....	36	3,658	4,621,238	457,265	6,800,443	15,121,182
Victoriaville.....	31	1,769	2,089,484	74,172	3,498,689	7,263,352
Warwick.....	13	347	453,425	49,374	1,269,344	2,147,881
Waterloo.....	16	1,303	1,626,633	95,925	2,717,665	9,301,720
Westmount.....	12	1,380	2,306,534	201,551	3,742,484	7,948,713
Windsor (Mills).....	9	743	1,200,816	520,328	3,119,081	6,414,190
Ontario—						
Acton.....	17	921	1,428,684	147,893	5,943,328	9,335,210
Almonte.....	11	336	409,565	47,859	1,648,000	2,628,159
Amherstburg.....	10	617	1,157,629	1,051,389	2,878,276	8,276,443
Arnprior.....	15	436	597,388	63,191	1,673,216	2,736,988
Aurora.....	9	441	634,413	40,227	2,682,266	3,994,773
Aylmer (West).....	14	249	289,604	59,205	2,636,335	3,365,434
Barrie.....	16	512	743,390	60,315	4,208,350	5,579,695
Belleville.....	44	2,761	4,145,746	446,494	4,479,324	12,588,188
Bloomfield.....	9	166	170,917	19,749	876,154	1,394,893
Bowmanville.....	12	816	1,290,311	130,924	3,077,162	6,285,128
Brampton.....	20	725	1,255,793	47,564	2,260,813	4,158,146
Brantford.....	122	12,980	21,752,506	1,127,694	24,060,027	65,969,044
Brighton.....	11	235	292,262	24,504	522,273	1,129,366
Brockville.....	35	1,490	2,183,033	221,523	9,354,010	14,149,791
Burlington.....	9	494	702,161	51,445	2,236,526	4,089,158
Caledonia.....	9	232	387,650	126,028	1,131,521	2,086,915
Campbellford.....	14	365	393,556	43,507	1,540,522	2,276,256
Carleton Place.....	10	860	1,132,452	82,942	2,128,801	4,173,076
Chatham.....	54	2,534	4,018,060	314,583	17,141,924	24,735,941
Chesley.....	11	287	369,409	22,903	703,166	1,223,977
Cobourg.....	22	601	913,144	107,814	2,093,861	4,118,305
Collingwood.....	15	1,671	3,037,352	92,691	3,070,816	7,461,248
Cornwall.....	46	5,636	8,137,770	1,912,003	12,881,176	30,648,599
Dryden.....	9	443	731,447	255,788	1,463,656	2,863,235

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

11.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1944—continued

Province and Municipality	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products ¹
	No.	No.	\$	\$	\$	\$
Ontario—Continued						
Dundas.....	25	1,649	2,837,820	89,920	2,538,681	7,872,466
Dunnville.....	20	761	984,180	69,652	2,319,010	4,111,927
Durham.....	12	260	308,737	35,064	515,647	1,014,500
Eastview.....	10	275	450,708	61,031	2,490,002	3,225,611
Elmira.....	19	468	728,017	71,903	1,806,243	3,698,812
Essex.....	10	297	368,069	34,409	840,660	1,658,357
Forest.....	12	235	247,219	31,273	703,021	1,198,868
Fort Erie.....	15	3,033	6,597,863	80,997	5,339,599	10,774,426
Fort William.....	44	8,085	16,823,847	1,438,113	20,277,619	59,457,911
Frankford.....	7	418	924,927	32,290	920,095	2,095,696
Galt.....	74	5,430	8,218,782	598,190	9,346,824	25,425,743
Gananoque.....	16	923	1,388,963	156,347	2,099,733	4,892,112
Georgetown.....	16	644	1,020,645	140,936	2,142,116	4,145,547
Goderich.....	14	531	746,230	193,927	4,761,064	6,695,022
Gravenhurst.....	8	363	459,041	15,456	662,805	1,560,961
Grimsbv.....	15	506	582,994	35,308	980,792	1,941,044
Guelph.....	88	5,297	7,857,082	552,934	14,451,275	29,693,339
Hagersville.....	5	94	132,978	39,031	728,983	1,401,138
Hamilton.....	480	53,500	94,982,915	12,095,294	171,117,467	363,033,672
Hanover.....	16	941	1,231,839	44,265	2,307,241	4,065,800
Harrow.....	3	92	120,264	17,589	883,796	1,234,292
Hespeler.....	13	1,342	1,877,177	176,624	4,433,089	7,961,485
Humberstone.....	11	593	854,423	61,429	6,930,770	7,965,950
Ingersoll.....	20	1,459	2,532,459	160,327	5,342,512	9,877,518
Kincardine.....	12	599	675,124	39,982	887,380	2,340,619
Kingston.....	50	6,803	11,878,490	930,078	15,663,322	39,689,272
Kingsville.....	13	234	311,833	22,536	3,325,698	3,842,713
Kitchener.....	156	12,597	19,821,982	1,073,781	50,927,277	93,287,872
Leamington.....	11	1,007	1,255,132	166,776	7,518,708	14,829,999
Leaside.....	44	12,463	24,923,822	554,113	41,740,009	100,219,848
Lindsay.....	28	1,484	1,933,586	294,208	3,757,144	7,144,635
Listowel.....	17	452	576,454	77,167	2,441,460	3,879,574
London.....	237	13,098	20,132,303	1,126,508	34,706,542	79,591,112
Meaford.....	17	307	365,983	25,916	734,406	1,401,343
Merrittion.....	14	2,218	4,371,404	679,912	8,890,850	18,198,217
Midland.....	16	1,095	1,895,431	75,976	3,320,103	9,078,219
Milton.....	11	403	614,080	165,705	879,880	2,662,448
Mimico.....	15	406	505,605	30,133	420,386	1,336,690
Napanee.....	14	339	425,097	48,764	688,823	1,558,227
New Hamburg.....	12	229	274,084	20,552	707,835	1,137,767
New Liskeard.....	15	633	837,081	27,672	987,132	2,251,420
Newmarket.....	14	854	1,212,531	81,930	2,441,273	5,354,866
New Toronto.....	23	7,226	14,144,544	1,268,357	45,178,591	85,309,618
Niagara Falls.....	65	6,666	12,132,328	4,306,626	20,315,905	51,987,912
North Bay.....	20	361	551,175	48,910	968,447	1,999,759
Oakville.....	20	612	994,492	68,072	3,189,430	6,029,233
Orangeville.....	14	206	201,641	17,227	722,033	1,054,167
Orillia.....	38	2,447	3,795,540	184,307	3,930,814	10,075,953
Ottawa.....	206	11,916	19,545,897	1,081,197	21,998,243	52,953,927
Owen Sound.....	44	2,565	3,746,996	224,853	4,894,349	11,638,747
Paris.....	21	1,149	1,486,103	100,425	3,018,161	5,860,692
Parkhill.....	5	658	933,223	76,338	933,606	2,508,388
Pembroke.....	36	1,150	1,401,887	67,343	2,395,412	4,947,425
Penetanguishene.....	13	448	586,487	23,630	840,354	1,726,576
Perth.....	18	908	1,315,524	61,497	2,354,386	5,987,031
Peterborough.....	85	8,226	14,955,397	809,303	41,811,920	74,667,995
Port Arthur.....	41	3,287	6,350,909	1,066,034	8,302,432	19,396,901
Port Colborne.....	21	2,743	5,126,738	2,546,501	78,010,943	107,557,709
Port Dalhousie.....	4	212	357,558	9,392	235,527	1,191,422
Port Hope.....	19	806	1,367,792	127,219	1,565,828	4,390,673
Prescott.....	14	417	525,905	14,866	682,952	1,656,197
Preston.....	30	2,399	3,635,812	179,822	5,196,188	12,060,131
Renfrew.....	24	1,027	1,447,909	110,027	3,184,454	5,626,062
Ridgetown.....	11	194	310,637	14,387	660,910	1,324,891
St. Catharines.....	98	10,150	18,442,095	1,112,753	40,629,677	71,772,118
St. Mary's.....	20	572	827,075	418,954	2,233,190	4,214,747
St. Thomas.....	37	1,493	2,143,879	125,690	3,579,242	7,578,614
Sarnia.....	45	6,412	12,980,431	5,725,860	50,996,985	93,555,682
Sault Ste. Marie.....	46	6,102	12,060,931	4,466,828	30,224,314	57,674,326

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

11.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1944—concluded

Province and Municipality	Establishments	Employees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products ¹
	No.	No.	\$	\$	\$	\$
Ontario—Concluded						
Seathorpe.....	11	233	285,708	24,143	803,163	1,217,254
Simcoe.....	26	1,230	1,702,836	140,553	9,089,518	14,250,031
Southampton.....	19	1,165	1,779,803	86,408	2,844,761	4,928,927
Smith's Falls.....	5	352	531,826	33,237	974,646	1,904,334
Stratford.....	55	3,320	5,278,131	266,928	8,952,795	16,185,210
Strathroy.....	19	560	573,625	39,220	1,854,817	3,150,614
Streetsville.....	10	130	202,411	32,200	2,008,230	2,393,899
Sudbury.....	40	706	1,012,563	79,882	2,257,275	4,388,877
Swansea.....	6	712	1,055,003	133,595	1,406,178	3,491,766
Tavistock.....	13	253	283,628	24,014	1,645,270	2,161,511
Thorold.....	20	1,519	3,222,813	1,708,742	6,547,590	15,230,253
Tillsonburg.....	19	518	763,342	91,066	7,439,808	10,471,925
Timmins.....	24	386	528,488	45,580	1,008,412	2,172,591
Toronto.....	3,344	154,538	260,776,613	11,743,947	513,429,109	1,020,345,353
Trenton.....	24	1,700	2,063,624	312,949	11,242,571	17,215,968
Walkerton.....	16	445	523,589	22,092	729,597	1,579,274
Wallaceburg.....	17	2,412	3,842,089	797,125	8,457,974	15,861,457
Waterloo.....	50	2,746	4,410,661	245,253	5,573,745	15,866,729
Welland.....	51	8,352	15,276,965	3,834,640	28,253,060	69,300,762
Wellington.....	8	168	178,301	44,678	910,166	1,555,463
West Lorne.....	6	222	306,963	9,722	1,235,903	2,108,266
Weston.....	28	4,135	7,406,507	281,735	9,262,999	19,426,279
Whitby.....	11	532	646,638	35,786	1,333,036	2,468,925
Windsor.....	231	35,912	80,667,573	4,890,272	232,102,240	387,663,874
Wingham.....	12	295	361,144	24,197	1,319,362	1,951,943
Woodstock.....	57	3,467	5,072,866	303,699	9,771,46	20,413,620
Manitoba—						
Brandon.....	33	653	906,404	111,058	5,438,755	7,364,005
Neepawa.....	8	132	182,331	97,010	477,365	1,006,467
St. Boniface.....	52	3,972	6,574,734	500,042	69,115,399	87,881,913
Selkirk.....	7	656	1,065,430	292,769	1,003,640	2,882,660
The Pas.....	7	154	281,968	6,180	373,272	1,401,735
Transcona.....	6	4,228	7,779,061	744,933	10,172,006	19,170,336
Winnipeg.....	686	25,870	38,824,299	2,445,806	119,917,745	198,169,626
Saskatchewan—						
Melville.....	8	67	82,402	26,227	1,200,752	1,392,612
Moose Jaw.....	44	1,627	2,529,167	429,496	29,660,736	35,498,190
Prince Albert.....	34	1,590	2,444,265	168,255	12,712,284	18,547,695
Regina.....	104	3,148	5,542,252	1,106,884	29,150,728	42,261,459
Saskatoon.....	84	2,254	3,340,519	399,886	29,709,680	39,384,240
Swift Current.....	11	117	157,579	21,491	995,417	1,391,854
Yorkton.....	11	147	183,369	31,051	864,447	1,229,733
Alberta—						
Calgary.....	205	6,723	10,902,956	1,628,614	56,746,480	86,212,746
Edmonton.....	189	7,520	11,538,843	653,505	76,568,171	101,479,927
Lethbridge.....	30	761	1,002,992	84,010	3,152,028	6,601,853
Medicine Hat.....	26	1,106	1,542,361	89,299	9,760,753	13,362,148
Red Deer.....	11	124	172,750	27,928	1,222,068	1,687,143
British Columbia—						
Cranbrook.....	11	193	339,340	41,917	658,119	1,303,838
Kamloops.....	19	232	329,031	16,906	481,693	1,072,413
Kelowna.....	25	585	819,618	59,937	1,567,730	2,964,231
Mission.....	18	305	434,868	43,337	2,213,398	3,153,889
Nanaimo.....	24	385	635,034	37,804	808,818	2,425,489
Nelson.....	24	310	432,437	34,163	822,402	1,741,611
New Westminster.....	95	5,064	8,653,475	507,689	22,353,252	41,929,249
Port Alberni.....	10	1,016	2,038,235	13,699	3,725,246	7,687,942
Port Moody.....	4	380	727,575	2,426	1,318,290	2,502,978
Prince George.....	34	252	317,054	38,098	479,138	1,054,134
Prince Rupert.....	25	1,755	3,659,628	243,319	4,186,252	10,099,310
Vancouver.....	933	43,473	79,141,407	3,568,106	142,416,371	289,390,718
Vernon.....	21	403	630,342	81,338	1,343,979	2,500,851
Victoria.....	150	5,169	9,434,219	499,152	11,182,591	30,346,621

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

12.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1944

County	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products ¹
	No.	No.	\$	\$	\$	\$
Prince Edward Island—						
Kings.....	65	429	271,849	30,852	1,209,037	1,848,339
Queen.....	90	547	430,636	54,420	2,711,190	3,823,752
Queen's.....	86	810	992,278	64,027	3,073,283	5,041,553
Totals.....	241	1,786	1,694,763	149,299	6,993,510	10,713,644
Nova Scotia—						
Annapolis.....	45	651	661,331	102,928	2,101,737	3,517,636
Antigonish.....	26	173	150,231	9,870	492,733	775,189
Cape Breton North.....	21	363	11,550,190	28,261	1,641,381	2,636,095
Cape Breton South.....	80	6,637	470,695	3,024,083	18,729,751	36,132,907
Colchester.....	86	1,689	1,741,765	125,775	3,867,539	7,914,718
Cumberland.....	90	3,863	6,348,941	280,367	3,906,328	11,994,618
Digby.....	84	1,376	1,559,768	64,021	2,134,651	5,484,667
Guysborough.....	42	319	208,405	16,774	685,600	1,053,346
Halifax.....	189	8,417	14,328,084	1,567,429	32,161,133	59,442,592
Hants.....	57	818	847,868	109,738	2,860,872	3,995,265
Inverness.....	64	307	177,300	11,426	772,969	1,040,728
King's.....	127	1,115	1,100,034	226,574	4,375,355	6,585,340
Lunenburg.....	127	2,013	2,986,611	118,791	4,354,873	11,110,368
Pictou.....	94	6,280	12,303,879	824,898	16,698,218	33,579,898
Queen's.....	27	1,760	3,475,504	897,413	2,976,199	8,862,454
Richmond.....	22	81	24,617	1,816	101,554	153,601
Shelburne.....	56	561	638,372	44,184	2,230,049	3,351,943
Victoria.....	26	176	98,310	7,333	213,609	363,174
Yarmouth.....	63	1,213	1,268,506	120,222	3,658,572	6,427,125
Totals.....	1,281	37,812	59,940,411	7,581,903	103,463,123	204,421,664
New Brunswick—						
Albert.....	26	230	235,218	34,557	1,036,006	1,825,482
Carleton.....	52	588	598,450	65,116	1,762,431	2,782,043
Charlotte.....	66	2,007	2,315,243	234,996	7,024,100	12,037,262
Gloucester.....	94	1,733	2,242,556	909,866	6,248,957	11,040,550
Kent.....	53	325	166,089	7,839	830,787	1,252,247
King's.....	55	448	483,778	25,072	1,717,852	2,797,576
Madawaska.....	40	991	1,695,088	824,579	4,928,860	10,274,996
Northumberland.....	75	975	864,371	43,526	2,729,488	4,291,361
Queens.....	20	192	203,941	45,601	607,176	1,042,310
Restigouche.....	55	2,034	3,400,641	1,884,273	8,129,158	17,951,545
St. John.....	145	7,189	11,602,936	1,249,542	32,617,309	56,954,867
Sunbury.....	5	13	5,863	959	28,267	46,382
Victoria.....	29	487	466,192	46,054	1,240,909	2,021,530
Westmorland.....	140	4,444	6,315,218	316,964	10,257,954	19,514,958
York.....	82	1,508	1,749,496	165,556	4,834,345	8,273,468
Totals.....	937	23,164	32,345,080	5,854,500	83,993,599	152,106,577
Quebec—						
Abitibi.....	179	1,051	1,089,430	70,356	3,205,890	5,344,777
Argenteuil.....	73	2,958	4,556,536	330,157	7,028,461	14,682,989
Arthabaska.....	125	2,662	3,021,536	174,418	8,843,983	14,295,454
Bagot.....	70	914	1,013,089	93,013	3,364,209	4,990,565
Beauce.....	183	1,939	1,800,047	135,983	4,338,113	7,410,094
Beauharnois.....	68	7,817	12,458,967	3,957,028	22,428,006	45,991,266
Bellechasse.....	92	250	179,242	22,808	1,331,749	1,701,197
Berthier.....	107	1,309	1,249,666	182,807	3,088,429	6,219,244
Bonaventure.....	94	665	578,872	30,126	1,536,418	2,664,166
Brome.....	41	243	226,278	34,218	898,821	1,289,359
Chamblay.....	51	12,092	23,010,536	462,253	21,306,476	55,416,587
Champlain.....	186	7,468	10,296,107	3,609,974	33,293,919	61,770,545
Charlevoix East.....	42	330	455,114	400,940	885,030	2,108,838
Charlevoix West.....	33	82	54,656	5,490	213,048	340,659
Chateauguay.....	36	392	416,257	42,082	1,412,889	2,589,498
Chicoutimi.....	168	12,170	21,500,202	13,778,698	92,158,164	142,034,309
Compton.....	69	1,427	1,999,003	696,359	5,159,987	8,817,267
Deux-Montagnes.....	41	188	141,419	27,328	800,067	1,106,105
Dorchester.....	103	476	438,504	56,885	2,020,886	2,965,046
Drummond.....	88	6,731	8,650,518	1,153,240	11,295,812	31,720,088

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

12.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1944—continued

County	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products ¹
	No.	No.	\$	\$	\$	\$
Quebec—Concluded						
Frontenac.....	96	866	814,433	26,232	2,048,281	3,250,286
Gaspe East.....	116	1,203	1,147,885	415,676	3,504,576	6,167,785
Gaspe West.....	28	297	198,326	1,958	753,060	1,363,528
Gatineau.....	62	223	187,884	21,101	1,007,624	1,561,073
Hull.....	62	5,117	8,235,261	3,102,089	22,443,129	41,337,276
Huntingdon.....	36	561	780,725	64,429	2,533,707	4,139,301
Iberville.....	31	276	295,215	32,983	793,057	1,390,342
Jesus Island.....	22	227	231,290	20,492	428,550	906,354
Joliette.....	122	2,336	2,774,281	510,259	6,302,088	11,882,348
Kamouraska.....	75	562	426,008	24,464	1,259,312	2,241,528
Labelle.....	81	382	335,599	30,647	1,572,699	2,375,668
Lac St. Jean East.....	74	1,184	2,169,109	1,792,105	10,533,197	20,718,128
Lac St. Jean West.....	147	1,120	1,467,747	754,874	4,787,409	9,461,640
LaPrairie.....	29	675	951,397	332,471	2,385,292	4,667,143
L'Assomption.....	63	9,048	14,238,149	340,542	8,725,850	88,209,635
Levis.....	70	6,244	11,469,195	311,393	9,616,614	28,510,525
L'Islet.....	92	559	546,636	34,325	1,313,083	2,270,719
Lotbiniere.....	94	484	384,647	66,430	2,043,394	2,942,287
Madeleine Islands.....	23	304	133,894	16,705	839,054	1,253,068
Maskinongé.....	74	1,157	1,213,184	143,758	3,171,588	6,329,458
Matane.....	74	853	886,899	19,696	2,254,631	4,224,277
Matapedia.....	72	448	436,752	15,298	2,388,298	3,242,582
Megantic.....	100	1,255	1,343,215	96,103	2,747,385	4,835,504
Missisquoi.....	66	2,842	3,354,106	366,804	7,267,060	15,838,715
Montcalm.....	53	247	185,171	16,072	1,061,798	1,410,716
Montmagny.....	78	1,358	1,504,245	95,730	3,205,742	5,888,790
Montmorency No. 1.....	41	480	773,451	688,397	1,626,105	4,589,136
Montmorency No. 2.....	18	82	103,914	7,824	167,452	412,547
Montreal.....	3,302	220,442	372,511,740	23,254,456	810,838,299	1,533,597,180
Napierville.....	25	420	395,795	48,947	1,763,584	2,697,187
Nicolet.....	116	774	687,984	62,594	3,385,156	5,066,233
Papineau.....	88	1,500	2,052,293	859,395	7,466,839	14,159,450
Pontiac.....	38	305	275,306	18,081	1,239,027	1,915,146
Portneuf.....	162	2,054	2,823,576	1,467,259	7,010,406	14,750,188
Quebec.....	396	28,284	40,113,570	3,237,691	53,230,922	129,533,131
Richelieu.....	72	7,190	14,032,925	964,304	11,663,245	38,214,858
Richmond.....	66	2,254	3,048,188	953,155	7,956,671	14,717,433
Rimouski.....	129	1,190	1,407,579	51,564	4,097,826	6,790,284
Riviere du Loup.....	111	778	978,156	104,967	2,500,561	4,241,672
Rouville.....	85	1,335	1,168,120	131,479	3,744,295	6,435,283
Saguenay.....	55	968	1,754,405	139,444	5,636,639	10,822,063
Shefford.....	115	5,943	7,356,006	444,393	19,409,583	38,929,529
Sherbrooke.....	104	8,629	11,756,654	897,489	18,276,934	41,878,556
Soulages.....	24	126	156,053	24,286	393,523	992,162
Stanstead.....	83	4,280	5,647,729	817,863	22,648,453	33,128,040
St. Hyacinthe.....	124	5,258	5,766,430	380,677	14,557,929	25,873,219
St. Jean.....	77	4,374	5,781,393	538,747	9,413,483	18,886,668
St. Maurice.....	169	12,583	20,984,343	12,332,717	53,539,494	114,455,915
Temiscamingue.....	83	1,828	3,476,202	2,309,861	24,429,110	60,995,433
Temiscouata.....	74	746	647,307	16,341	1,796,215	2,973,069
Terrebonne.....	150	9,215	12,923,240	844,320	68,983,020	99,451,183
Vaudreuil.....	44	298	274,114	33,698	850,616	1,424,658
Vercheres.....	82	1,243	1,837,920	192,815	5,205,189	8,895,063
Wolfe.....	72	312	341,618	311,597	1,118,594	1,769,761
Yamaska.....	63	232	233,211	41,836	1,707,048	2,213,407
Totals	9,657	424,115	668,156,053	84,912,996	1,494,253,053	2,929,685,183
Ontario—						
Addington.....	31	159	159,512	15,380	861,519	1,219,906
Algoma.....	90	6,497	12,558,074	4,493,360	31,692,241	60,071,843
Brant.....	161	14,220	23,361,251	1,259,344	28,330,482	73,364,000
Bruce.....	146	2,415	2,963,475	207,820	7,439,485	12,748,361
Carleton.....	294	12,578	20,430,551	1,228,862	26,331,979	58,972,974
Cochrane.....	105	2,959	5,490,681	1,232,589	12,366,847	30,717,341
Dufferin.....	33	264	254,386	27,424	1,446,818	1,911,661
Dundas.....	60	442	570,828	118,209	4,161,278	5,432,961
Durham.....	64	1,758	2,795,979	271,800	5,437,221	11,747,996

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

12.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1944—continued

County	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products ¹
	No.	No.	\$	\$	\$	\$
Ontario—Concluded						
Elgin.....	90	2,135	2,898,208	223,099	8,537,927	14,425,764
Essex.....	311	38,711	84,625,659	6,306,525	249,731,080	421,082,664
Frontenac.....	102	6,978	12,027,877	973,794	16,974,424	41,388,035
Glengary.....	92	339	273,106	59,343	2,226,235	2,752,321
Grenville.....	54	1,225	1,690,263	411,026	7,485,966	10,578,393
Grevy.....	180	4,499	6,054,014	373,659	11,304,039	21,789,351
Haldimand.....	54	1,176	1,605,872	264,273	5,080,191	8,773,767
Haliburton.....	26	299	322,437	55,472	534,856	1,084,582
Halton.....	89	3,279	5,005,521	595,403	15,411,661	27,688,081
Hastings.....	220	6,223	9,168,902	1,265,443	25,115,406	46,036,123
Huron.....	134	1,527	1,950,947	339,708	10,655,440	15,199,816
Kenora.....	52	1,462	2,412,421	905,766	20,484,431	26,641,467
Kent.....	143	6,249	9,896,937	1,304,320	30,817,407	49,925,122
Lambton.....	124	7,309	14,167,492	6,047,442	57,435,733	103,506,529
Lanark.....	112	3,545	4,871,272	315,514	9,949,900	19,235,993
Leeds.....	135	2,620	3,712,895	415,909	13,047,193	20,958,533
Lennox.....	43	536	645,747	174,265	1,725,528	3,197,469
Lincoln.....	181	13,632	24,401,015	1,897,355	53,005,421	96,957,603
Manitoulin.....	19	73	47,794	9,541	288,047	1,638,363
Middlesex.....	335	16,016	25,025,787	1,398,924	41,878,462	93,977,193
Muskoka.....	67	1,146	1,452,100	97,660	4,071,692	7,107,130
Nipissing.....	58	1,124	1,551,750	73,438	3,366,555	6,175,297
Norfolk.....	74	1,906	2,441,156	205,409	18,423,981	25,380,741
Northumberland.....	113	1,448	1,782,714	205,327	5,945,733	9,754,479
Ontario.....	116	13,458	25,842,931	1,331,646	153,129,604	198,220,762
Oxford.....	178	6,229	9,384,164	923,411	30,042,628	51,361,610
Parry Sound.....	74	1,939	3,162,416	406,298	4,292,083	9,285,283
Peel.....	66	11,539	22,524,927	942,944	41,458,086	73,104,564
Perth.....	162	4,956	7,379,565	879,132	18,173,017	30,424,102
Peterborough.....	131	9,131	15,143,979	856,112	42,922,656	76,261,354
Prescott.....	111	917	1,393,278	647,514	5,520,284	8,354,225
Prince Edward.....	70	810	771,707	122,130	3,697,193	6,011,117
Rainy River.....	39	847	1,461,093	320,143	2,490,568	5,172,901
Renfrew.....	185	3,725	4,901,895	478,136	12,958,917	20,297,334
Russell.....	71	242	195,341	38,319	1,674,267	2,137,733
Simcoe.....	180	6,461	10,316,419	484,670	17,489,406	36,702,627
Stromont.....	96	5,993	8,612,573	2,070,559	15,833,742	34,695,552
Sudbury.....	128	7,557	12,991,275	10,013,487	87,487,768	109,188,950
Thunder Bay.....	154	11,675	23,462,393	2,583,690	29,615,391	80,465,701
Timiskaming.....	80	1,068	1,389,943	83,470	2,124,505	4,444,155
Victoria.....	67	1,826	2,304,035	337,910	5,195,409	9,287,643
Waterloo.....	427	25,705	39,572,837	2,460,293	82,304,444	165,068,619
Welland.....	244	24,249	45,764,395	13,452,845	151,024,343	281,424,239
Wellington.....	191	7,032	10,308,841	787,537	20,078,874	39,174,804
Wentworth.....	541	55,557	98,283,301	12,250,646	175,313,999	373,494,606
York.....	3,620	198,302	343,233,229	15,158,200	675,905,847	1,393,697,481
District of Patricia.....	7	25	20,900	3,518	44,649	80,563
Totals.....	10,731	564,392	975,035,060	99,406,013	2,310,347,858	4,339,797,784
Manitoba—						
Division No. 1.....	66	222	147,194	32,419	1,087,172	1,381,277
Division No. 2.....	34	157	161,316	44,755	1,364,723	1,845,088
Division No. 3.....	22	98	98,612	15,661	747,871	953,430
Division No. 4.....	11	36	35,457	11,295	262,758	327,283
Division No. 5.....	51	4,725	8,609,391	1,193,378	12,540,889	24,476,481
Division No. 6.....	770	30,456	46,259,516	3,503,308	191,305,157	291,400,387
Division No. 7.....	58	711	954,111	123,766	5,730,473	7,768,943
Division No. 8.....	13	68	70,731	13,577	802,001	996,299
Division No. 9.....	20	3,162	5,051,429	451,250	1,685,112	8,458,593
Division No. 10.....	21	180	215,314	101,414	788,716	1,400,139
Division No. 11.....	20	79	82,699	12,185	816,353	1,007,607
Division No. 12.....	43	119	81,013	26,118	840,559	1,036,106
Division No. 13.....	39	155	127,955	19,704	713,948	1,010,873
Division No. 14.....	42	150	106,891	12,498	804,418	1,085,856
Division No. 15.....	25	71	38,583	7,630	434,404	577,423
Division No. 16.....	55	548	717,874	190,785	6,310,371	8,608,809
Totals.....	1,290	40,937	62,758,081	5,759,743	226,234,925	352,334,594

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

12.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1944—concluded

Province and Census Division	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products ¹
	No.	No.	\$	\$	\$	\$
Saskatchewan—						
Division No. 1.....	24	107	145,482	33,582	826,009	1,201,517
Division No. 2.....	14	102	113,114	22,877	762,033	992,511
Division No. 3.....	13	37	28,221	5,804	37,931	96,760
Division No. 4.....	11	30	28,450	6,553	204,399	355,739
Division No. 5.....	30	150	159,851	40,956	1,944,118	2,287,143
Division No. 6.....	115	3,175	5,569,862	1,110,361	29,301,756	42,460,101
Division No. 7.....	51	1,642	2,542,967	431,728	29,684,894	35,541,565
Division No. 8.....	19	135	168,145	23,478	1,020,714	1,440,012
Division No. 9.....	66	398	428,564	56,192	2,060,719	2,955,903
Division No. 10.....	17	65	68,248	16,235	867,823	1,009,469
Division No. 11.....	99	2,317	3,413,559	416,428	30,252,943	40,068,442
Division No. 12.....	18	60	71,876	24,290	817,910	1,069,511
Division No. 13.....	14	50	49,930	11,813	354,760	437,258
Division No. 14.....	246	1,160	953,335	138,417	2,747,438	5,150,649
Division No. 15.....	109	1,802	2,570,626	203,098	13,695,058	19,878,825
Division No. 16.....	94	369	266,706	37,481	1,453,374	2,132,115
Division No. 17.....	83	234	127,593	18,911	752,040	1,088,582
Division No. 18.....	28	516	985,023	701,600	14,408,501	17,139,396
Unlocated Sawmills.....	3	12	11,551	1,080	22,597	43,736
Totals.....	1,054	12,361	17,703,103	3,300,884	131,215,017	175,349,234
Alberta—						
Division No. 1.....	29	1,190	1,630,582	94,251	10,223,185	14,052,555
Division No. 2.....	75	1,330	1,722,839	189,025	6,087,693	12,289,588
Division No. 3.....	10	470	684,628	115,534	1,175,700	2,806,003
Division No. 4.....	26	343	495,449	70,377	3,315,402	6,327,037
Division No. 5.....	11	33	28,183	5,753	218,588	279,774
Division No. 6.....	271	8,342	14,250,112	1,962,102	59,538,266	94,522,669
Division No. 7.....	30	120	140,231	22,647	1,324,615	1,703,003
Division No. 8.....	73	487	551,178	88,568	4,243,108	5,695,313
Division No. 9.....	75	428	389,399	28,878	1,440,019	2,182,756
Division No. 10.....	33	120	126,448	30,678	1,372,652	1,678,420
Division No. 11.....	249	7,836	11,877,007	698,702	79,418,681	105,062,924
Division No. 12.....	75	547	561,654	49,436	1,200,802	2,197,749
Division No. 13.....	35	110	78,183	13,671	634,755	778,716
Division No. 14.....	73	318	248,034	34,482	999,809	1,537,833
Division No. 15.....	40	279	267,275	30,877	477,320	979,864
Division No. 16.....	56	221	168,412	15,986	398,417	816,291
Division No. 17.....	4	12	8,115	637	13,525	39,399
Totals.....	1,165	22,186	33,227,729	3,451,604	172,082,537	252,949,894
British Columbia—						
Division No. 1.....	60	749	1,082,867	124,621	1,911,313	4,294,675
Division No. 2.....	95	5,423	10,422,099	5,298,679	23,781,783	53,140,290
Division No. 3.....	149	2,115	2,730,895	231,212	5,514,172	10,791,304
Division No. 4.....	1,240	67,278	125,716,246	6,044,617	216,983,209	452,248,183
Division No. 5.....	294	13,195	25,099,569	1,750,109	28,532,113	78,695,675
Division No. 6.....	75	670	798,394	44,389	1,471,205	2,900,621
Division No. 7.....	25	3,129	6,376,162	1,240,269	15,350,781	32,213,900
Division No. 8.....	107	834	1,204,445	78,812	1,906,888	4,021,538
Division No. 9.....	49	2,576	5,106,069	325,531	7,932,651	17,172,479
Division No. 10.....	22	93	102,372	9,437	175,901	366,024
Totals.....	2,116	96,062	178,639,118	15,147,476	303,560,016	655,844,689

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

APPENDIX I

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1914

GREATER MONTREAL

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Vegetable Products—						
Aerated and mineral waters.....	27	1,091	2,066,038	130,016	3,543,508	11,565,870
Biscuits, confectionery, cocoa, etc.	46	3,146	3,644,109	284,361	11,058,829	19,979,131
Bread and other bakery products...	164	4,130	5,630,599	564,688	9,190,978	19,601,667
Breweries.....	6	2,680	5,376,531	494,975	6,475,076	24,433,718
Distilleries.....	4	1,056	1,834,281	397,513	6,816,927	15,123,150
Feeds, prepared stock and poultry.	12	475	624,596	75,143	14,322,266	16,269,341
Fruits, miscellaneous.....	61	1,389	2,015,856	187,522	13,596,757	21,591,831
Fruit and vegetable preparations....	31	975	1,127,634	87,849	4,574,461	7,162,146
Rubber goods, including footwear.	8	1,763	2,657,855	276,512	4,470,727	6,768,238
Tobacco, cigars and cigarettes.....	34	7,019	9,222,113	152,668	25,573,922	48,292,180
Vegetable oil mills.....	3	189	288,483	38,887	3,636,969	4,547,574
All other industries.....	17	1,801	3,288,847	747,760	36,310,341	45,740,770
Totals.....	413	25,714	37,976,942	3,437,894	139,570,761	241,075,616
Animal Products—						
Belting, leather.....	6	125	192,328	9,872	425,363	741,621
Boot and shoe findings, leather....	9	170	194,299	25,191	146,576	498,577
Boots and shoes, leather.....	62	6,411	8,307,342	123,383	14,683,168	26,279,970
Butter and cheese.....	6	1,069	1,940,912	178,779	4,142,386	7,233,098
Cheese, processed.....	5	330	381,831	17,284	3,396,577	5,077,946
Dairy products, other.....	8	101	148,498	23,071	543,927	1,109,535
Fur dressing and dyeing.....	7	644	939,910	38,502	305,062	1,706,421
Fur goods.....	173	1,961	3,174,050	42,297	12,396,108	18,028,959
Gloves and mittens, leather.....	20	986	1,034,510	10,785	1,842,081	3,545,047
Hair goods.....	5	66	86,129	573	119,919	247,065
Leather tanneries.....	6	228	331,988	33,935	994,620	1,569,022
Miscellaneous leather goods.....	64	1,876	2,131,674	33,974	3,327,325	6,756,217
Sausage and sausage casings.....	20	156	215,165	25,791	1,003,157	1,466,081
Slaughtering and meat packing....	20	2,598	4,223,740	383,601	51,928,623	61,948,255
Totals.....	411	16,721	23,302,376	947,038	95,254,892	136,207,814
Textiles and Textile Products—						
Awnings, tents and sails.....	17	579	752,492	8,091	2,519,065	3,673,776
Bags, cotton and jute.....	8	531	621,007	23,408	6,891,113	8,587,131
Clothing, men's factory.....	198	8,889	12,987,665	139,312	33,140,102	57,191,769
Clothing, women's factory.....	493	16,577	21,746,033	180,230	48,768,291	88,484,610
Clothing contractors, men's.....	78	1,498	1,975,404	21,864	145,985	2,520,550
Clothing contractors, women's....	44	887	1,007,936	11,954	34,008	1,369,328
Corsets.....	8	242	286,613	2,144	332,885	819,402
Cotton and wool waste.....	8	157	220,761	17,740	980,731	1,410,371
Cotton textiles, miscellaneous.....	51	1,157	1,208,555	13,392	3,359,850	5,478,364
Cotton thread.....	4	681	802,433	64,312	2,565,489	4,528,591
Cotton yarn and cloth.....	5	3,222	4,809,099	534,212	10,198,390	16,686,639
Dyeing and finishing of textiles....	19	278	405,263	44,380	142,414	990,796
Gloves and mittens, fabric.....	3	29	50,322	834	42,997	137,419
Hats and caps.....	72	2,529	3,408,437	73,116	4,859,696	10,230,090
Hosiery and knitted goods.....	30	2,005	2,321,367	54,401	3,744,352	7,573,461
Miscellaneous textiles.....	8	1,636	3,020,085	214,308	7,205,572	13,406,024
Narrow fabrics.....	10	403	612,169	13,946	367,496	1,073,096
Oiled and waterproofed clothing....	6	205	292,837	5,263	785,814	1,217,241
Woollen cloth.....	3	78	132,411	313	64,244	225,824
All other industries.....	9	506	1,143,120	48,947	1,631,547	2,666,438
Totals.....	1,074	42,089	57,802,009	1,472,167	127,780,041	228,270,920
Wood and Paper Products—						
Blue-printing.....	4	69	99,987	3,988	57,881	249,478
Boxes and bags, paper.....	25	2,546	2,894,355	111,040	6,145,606	11,537,626
Boxes, wooden.....	11	769	1,016,482	30,872	1,753,540	3,534,293
Carriages, wagons and sleighs.....	4	31	45,151	2,260	23,825	87,628
Cooperage.....	4	68	98,816	5,993	370,300	761,675
Engraving, stereotyping and electrotyping.....	23	539	1,175,463	32,188	336,557	2,086,451
Furniture.....	71	1,937	2,814,786	80,494	3,066,912	7,218,428
Lasts, trees and other shoe findings	7	396	481,449	24,790	457,163	1,117,749
Lithographing.....	6	488	917,573	21,232	1,167,412	2,970,808
Miscellaneous paper products.....	31	662	903,259	32,090	2,152,441	4,175,462
Miscellaneous wooden products....	24	230	317,358	12,640	207,136	680,938

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1944—Con.

GREATER MONTREAL—continued

Industry	Estab-lish-ments	Em-ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Wood and Paper Products—conc.						
Planing mills, sash and door factories.....	33	614	911,866	49,897	2,568,453	4,286,279
Printing and bookbinding.....	278	3,565	5,485,814	139,928	4,187,239	12,640,079
Printing and publishing.....	23	3,169	5,802,621	134,242	3,321,750	14,911,354
Refrigerators, other than gas and electric.....	3	35	52,466	3,962	59,283	154,296
Roofing paper.....	3	440	845,506	93,696	2,189,050	4,875,532
Sawmills.....	3	6	3,120	540	7,070	17,575
Trade composition.....	8	130	247,659	6,331	23,907	421,577
Wood turning.....	3	29	40,889	2,083	27,134	80,318
All other industries.....	12	1,077	2,681,681	139,715	1,512,282	3,216,219
Totals.....	576	16,800	26,836,211	927,981	29,634,941	75,023,765
Iron and Its Products—						
Aircraft and aircraft parts.....	14	32,631	64,760,462	964,331	54,079,387	160,736,338
Automobile supplies.....	6	150	251,737	11,545	227,262	584,818
Boilers, tanks and platework.....	6	797	1,606,345	72,368	1,812,565	4,725,692
Castings, iron.....	11	2,006	3,963,014	307,273	5,671,348	11,904,667
Hardware, tools and cutlery.....	31	3,798	7,558,853	288,399	4,614,749	19,327,289
Heating and cooking apparatus.....	3	321	631,119	46,714	597,891	1,450,390
Iron and steel products, miscellaneous.....	38	6,061	12,943,458	345,392	58,892,878	84,166,314
Machinery.....	25	3,765	7,962,746	298,981	9,736,161	23,553,787
Machine shops.....	82	2,074	3,919,574	91,383	1,129,081	7,707,709
Primary iron and steel.....	5	2,904	6,048,263	1,121,814	5,398,363	14,420,737
Railway rolling-stock.....	9	14,654	31,019,511	1,935,160	40,897,259	88,261,667
Sheet metal products.....	30	4,310	6,628,995	277,490	13,425,535	25,957,533
Shipbuilding and repairs.....	6	8,984	19,270,083	672,160	26,525,425	52,809,553
Wire and wire goods.....	17	1,399	2,332,321	270,298	2,143,436	9,111,912
All other industries.....	5	2,493	5,757,260	321,052	9,818,035	15,470,273
Totals.....	288	86,347	174,653,741	7,024,360	234,969,381	520,188,679
Non-ferrous Metal Products—						
Brass and copper products.....	34	4,295	8,069,412	904,938	21,327,157	40,525,963
Electrical apparatus and supplies.....	36	16,030	27,398,557	591,498	50,584,716	97,202,290
Jewellery and silverware.....	42	921	1,288,813	14,425	2,060,072	4,392,008
Miscellaneous non-ferrous metal products.....	4	136	215,886	6,444	325,115	736,489
White metal alloys.....	13	292	589,173	46,453	2,981,817	3,996,697
All other industries.....	1	41	65,763	8,049	39,578	139,378
Totals ¹	130	21,715	37,627,604	1,571,812	77,318,455	146,992,825
Non-metallic Mineral Products—						
Cement products.....	13	252	439,759	99,942	968,172	2,053,218
Glass products.....	19	1,737	2,706,143	771,133	3,007,222	8,591,534
Miscellaneous non-metallic mineral products.....	12	218	345,342	78,736	854,019	1,775,421
Petroleum products.....	6	1,164	2,542,844	2,207,960	40,860,049	52,049,720
Stone products.....	10	77	131,628	7,064	86,534	297,266
All other industries.....	10	1,275	2,509,966	3,214,266	5,934,597	17,827,511
Totals.....	70	4,723	8,675,682	6,379,101	51,710,593	82,594,670
Chemicals and Allied Products—						
Adhesives.....	5	119	205,384	31,606	474,048	1,068,889
Gases, compressed.....	8	270	478,447	74,530	302,815	2,094,189
Inks, printing and writing.....	8	97	151,680	5,719	319,249	731,938
Medicinal and pharmaceutical preparations.....	64	2,994	4,776,596	197,680	10,288,898	22,572,254
Miscellaneous chemical products.....	37	6,145	10,106,038	460,993	16,516,394	32,031,570
Paints, pigments and varnishes.....	25	1,992	3,439,593	238,219	10,071,781	20,268,747
Polishes and dressings.....	11	141	195,613	10,357	1,078,774	1,568,781
Soaps and washing compounds.....	27	385	611,361	46,972	1,131,342	2,825,792
Toilet preparations.....	27	785	975,236	39,925	2,323,079	5,873,795
All other industries.....	6	254	496,405	114,961	3,288,655	4,712,107
Totals.....	218	13,182	21,436,353	1,220,962	45,795,035	93,748,062

¹ Totals for Non-ferrous Metal Products do not include the non-ferrous metal smelting and refining industry.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1944—Con.

GREATER MONTREAL—Concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Miscellaneous Industries—						
Artificial flowers and feathers.....	15	393	448,215	3,946	474,930	1,282,643
Brooms, brushes and mops.....	20	333	388,996	13,169	557,738	1,220,923
Buttons.....	11	303	367,842	14,688	327,098	904,043
Candles.....	7	117	133,083	7,837	262,727	556,076
Ice, manufactured.....	4	133	206,118	30,583	10,105	365,332
Lamps, electric and lamp shades.....	7	161	189,408	5,840	298,928	628,772
Mattresses and springs.....	16	1,036	1,685,671	79,121	3,818,101	7,072,948
Pipes, tobacco.....	3	33	31,580	1,040	13,524	60,799
Regalia and society emblems.....	3	11	15,864	33	15,875	40,253
Scientific and professional equip- ment.....	8	183	274,487	8,202	244,258	716,657
Signs, electric, neon and other.....	4	78	142,478	4,675	24,188	354,127
Sporting goods.....	5	273	297,828	9,467	653,610	1,089,534
Stamps and stencils, rubber and metal.....	9	79	128,512	2,379	45,951	240,966
Statuary, art goods and novelties.....	19	215	232,151	5,448	128,981	457,649
Store and display accessories.....	4	26	28,921	1,392	26,222	58,744
Toys and toy equipment.....	12	108	104,745	1,689	134,946	313,526
All other industries.....	12	696	1,125,882	34,414	1,711,233	4,335,733
Totals.....	159	4,178	5,801,781	223,923	8,748,415	19,698,725
Totals, Greater Montreal.....	3,339	231,469	394,112,699	23,205,238	810,782,514	1,543,801,076

GREATER TORONTO

Vegetable Products—						
Aerated and mineral waters.....	17	968	1,653,341	77,185	2,270,766	7,477,297
Biscuits, confectionery, cocoa, etc.	46	5,692	7,349,415	398,533	16,906,066	34,118,155
Bread and other bakery products.....	260	5,413	7,480,307	653,686	11,517,120	24,702,690
Breweries.....	5	613	1,331,764	94,992	1,606,024	7,967,507
Feeds, prepared stock and poultry	12	439	769,385	57,622	6,713,906	9,009,342
Flour and feed mills.....	10	347	639,856	56,908	5,605,073	6,148,945
Foods, breakfast.....	4	45	61,409	4,720	104,967	270,438
Foods, miscellaneous.....	68	2,303	3,140,607	122,323	16,457,806	25,193,271
Fruit and vegetable preparations.....	28	1,217	1,376,074	73,784	6,265,409	9,644,431
Macaroni, vermicelli, etc.....	3	86	105,819	12,399	220,613	365,041
Rubber goods, including rubber footwear.....	13	6,831	12,575,780	743,455	26,119,580	54,523,077
Tobacco, cigars and cigarettes.....	10	446	524,621	13,324	1,106,535	2,382,558
Wine.....	6	102	191,418	7,513	350,165	841,861
All other industries.....	7	427	854,433	259,883	5,443,540	8,621,498
Totals.....	489	24,929	38,051,229	2,576,327	100,687,570	191,266,111
Animal Products—						
Animal oils and fats.....	3	43	89,835	17,062	270,223	480,364
Belting, leather.....	5	91	153,910	2,217	396,373	642,623
Boots and shoes, leather.....	25	1,066	1,448,536	16,320	2,169,641	4,249,232
Butter and cheese.....	9	1,553	3,082,652	210,580	6,719,999	10,558,732
Cheese, processed.....	4	307	327,322	15,677	5,350,786	6,859,628
Dairy products, other.....	11	55	69,543	12,176	197,598	373,653
Fur dressing and dyeing.....	6	349	434,188	16,950	223,479	856,000
Fur goods.....	171	1,436	2,627,779	28,356	10,134,825	14,445,700
Gloves and mittens, leather.....	5	54	64,140	1,137	88,916	210,542
Hair goods.....	6	77	101,547	2,603	197,866	395,685
Leather tanneries.....	5	551	918,389	99,899	2,803,609	4,841,888
Miscellaneous leather goods.....	62	1,595	1,920,103	30,305	3,554,253	6,902,119
Sausage and sausage casings.....	15	90	124,580	10,299	745,549	979,268
Slaughtering and meat packing....	23	4,294	7,666,476	673,427	86,360,157	100,204,619
Totals.....	350	11,561	19,029,000	1,137,008	119,213,274	152,000,053

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1944—Con.

GREATER TORONTO—continued

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Textiles and Textile Products—						
Awnings, tents and sails.....	13	196	231, 135	5, 228	425, 354	791, 311
Bags, cotton and jute.....	6	221	268, 911	7, 853	2, 210, 512	2, 774, 360
Carpets, mats and rugs.....	3	334	559, 809	46, 478	815, 544	1, 944, 515
Clothing, men's factory.....	89	6, 245	9, 834, 722	77, 969	16, 574, 237	30, 621, 405
Clothing, women's factory.....	256	6, 362	9, 861, 276	84, 822	17, 266, 035	33, 253, 864
Clothing contractors, men's.....	14	128	199, 849	2, 664	15, 307	247, 193
Clothing contractors, women's.....	13	174	211, 521	1, 976	22, 294	332, 606
Corsets.....	13	579	674, 646	4, 897	773, 658	1, 956, 446
Cotton and wool waste.....	9	209	378, 262	26, 934	2, 561, 740	3, 318, 924
Cotton textiles, miscellaneous.....	31	678	770, 023	28, 704	1, 983, 274	3, 343, 898
Dyeing and finishing of textiles.....	9	311	604, 977	36, 514	141, 177	1, 038, 193
Hats and caps.....	61	1, 335	1, 878, 334	29, 895	2, 744, 994	5, 619, 036
Hosiery and knitted goods.....	47	3, 075	3, 734, 569	131, 611	6, 369, 877	12, 592, 663
Miscellaneous textiles.....	4	451	766, 952	51, 989	1, 969, 719	4, 070, 495
Narrow fabrics.....	13	263	328, 590	6, 630	532, 878	1, 069, 771
Oiled and waterproofed clothing.....	5	287	401, 287	9, 175	1, 342, 799	1, 971, 670
Woollen cloth.....	5	653	1, 022, 365	60, 878	2, 520, 064	4, 009, 007
Woollen goods, miscellaneous.....	13	403	748, 997	53, 283	3, 084, 569	4, 343, 658
Woollen yarn.....	6	673	796, 005	66, 095	2, 091, 438	3, 648, 449
All other industries.....	7	330	364, 211	19, 317	641, 402	1, 112, 083
Totals.....	617	22, 907	33, 636, 441	752, 912	64, 086, 872	118, 059, 547
Wood and Paper Products—						
Blue-printing.....	3	29	50, 196	1, 590	44, 676	225, 137
Boxes and bags, paper.....	41	3, 308	4, 450, 398	147, 757	9, 613, 062	17, 657, 267
Boxes, wooden.....	7	556	765, 349	14, 418	967, 258	2, 548, 510
Coffins and caskets.....	3	102	152, 308	8, 033	178, 311	454, 709
Engraving, stereotyping and electrotyping.....	33	1, 139	2, 565, 521	55, 654	896, 482	4, 554, 308
Furniture.....	104	1, 484	2, 219, 354	67, 054	2, 980, 257	6, 428, 732
Hardwood flooring.....	3	125	194, 407	27, 572	277, 903	595, 146
Lithographing.....	16	1, 105	1, 883, 189	38, 253	2, 655, 528	5, 462, 470
Miscellaneous paper products.....	53	1, 872	2, 833, 583	80, 334	5, 325, 279	12, 174, 023
Miscellaneous wooden products.....	58	1, 130	1, 590, 411	35, 196	1, 332, 189	3, 557, 246
Planing mills, sash and door factories.....	26	658	923, 024	38, 434	2, 480, 400	4, 033, 707
Printing and bookbinding.....	297	5, 771	8, 568, 045	192, 292	9, 697, 156	24, 096, 395
Printing and publishing.....	37	4, 486	9, 129, 862	195, 244	6, 695, 196	25, 407, 745
Pulp and paper mills.....	6	918	2, 236, 514	667, 649	3, 772, 260	7, 477, 816
Refrigerators, other than gas and electric.....	3	47	67, 014	2, 528	56, 095	178, 153
Trade composition.....	16	193	348, 617	7, 840	43, 678	558, 723
Wood turning.....	7	24	22, 831	1, 606	18, 565	55, 136
All other industries.....	12	560	958, 606	65, 344	1, 859, 008	4, 052, 734
Totals.....	725	23, 507	38, 958, 869	1, 646, 798	48, 890, 303	119, 517, 957
Iron and Its Products—						
Aircraft and aircraft parts.....	8	9, 780	21, 103, 291	373, 674	30, 423, 009	101, 804, 567
Automobile supplies.....	24	3, 498	6, 151, 361	249, 712	9, 123, 532	20, 717, 783
Bicycles.....	4	636	1, 188, 122	74, 070	1, 059, 851	2, 811, 204
Boilers, tanks and engines.....	6	1, 900	4, 115, 348	195, 606	5, 869, 568	12, 261, 832
Bridge and structural steel.....	4	683	1, 404, 214	56, 532	1, 975, 244	4, 655, 560
Castings, iron.....	15	1, 409	2, 774, 181	196, 608	1, 807, 859	6, 685, 335
Hardware, tools and cutlery.....	72	3, 427	6, 600, 568	229, 267	3, 702, 511	16, 227, 651
Heating and cooking apparatus.....	15	1, 147	1, 801, 010	71, 398	2, 396, 778	6, 089, 558
Miscellaneous iron and steel products.....	39	13, 680	27, 191, 444	524, 135	25, 939, 648	68, 666, 625
Machinery.....	79	5, 926	11, 422, 622	283, 098	12, 067, 069	36, 195, 318
Machine shops.....	118	1, 601	2, 975, 609	63, 577	1, 189, 585	6, 303, 405
Railway rolling-stock.....	4	1, 087	2, 197, 542	78, 508	2, 456, 331	5, 177, 271
Sheet metal products.....	50	4, 113	6, 790, 039	318, 070	13, 292, 061	27, 033, 882
Wire and wire goods.....	19	248	416, 728	45, 460	858, 671	1, 674, 479
All other industries.....	5	6, 881	14, 555, 429	332, 848	10, 414, 612	33, 090, 647
Totals.....	462	56, 016	110, 687, 508	3, 092, 563	122, 576, 329	349, 395, 117

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1944—Con.

GREATER TORONTO—continued

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Non-ferrous Metal Products—						
Aluminum products.....	9	1,543	2,789,725	233,302	2,859,593	6,396,252
Brass and copper products.....	51	7,553	15,536,127	1,134,048	32,401,376	72,902,310
Electrical apparatus and supplies..	112	15,372	25,484,381	765,179	41,270,135	98,825,305
Jewellery and silverware.....	60	1,540	2,553,660	65,922	8,468,878	13,567,613
Miscellaneous non-ferrous metal products.....	13	595	923,067	24,937	977,478	3,337,674
White metal alloys.....	10	1,041	1,634,204	144,973	6,623,614	10,320,033
Totals.....	255	27,644	48,921,164	2,368,361	92,601,074	205,349,187
Non-metallic Mineral Products—						
Asbestos products.....	3	18	14,122	1,129	20,026	38,311
Cement products.....	22	230	361,058	57,111	570,783	1,258,432
Clay products from domestic clay..	7	149	221,016	126,831	10,719	426,847
Clay products from imported clay	6	66	69,674	6,721	167,848	392,110
Glass products.....	33	693	982,238	43,924	833,146	2,262,380
Miscellaneous non-metallic mineral products.....	9	203	405,913	15,690	637,333	1,540,706
Stone products.....	19	245	505,056	58,234	481,233	1,031,867
All other industries.....	10	1,501	2,741,027	1,234,437	13,952,466	23,721,796
Totals.....	109	3,105	5,300,104	1,544,077	16,673,554	30,672,449
Chemicals and Allied Products—						
Acids, alkalies and salts.....	6	70	154,256	61,385	971,041	1,728,886
Adhesives.....	9	258	482,952	94,105	1,173,608	2,051,640
Gases, compressed.....	10	260	493,953	97,802	276,880	1,940,138
Inks, printing and writing.....	19	491	1,114,687	39,381	1,638,461	3,896,055
Medicinal and pharmaceutical preparations.....	65	2,543	3,647,982	56,406	6,418,834	15,675,848
Miscellaneous chemical products...	77	5,508	8,556,081	242,789	28,323,812	41,776,318
Paints, pigments and varnishes....	32	1,633	3,130,935	175,037	7,488,557	15,704,222
Polishes and dressings.....	22	221	273,376	6,869	863,043	1,595,890
Soaps and washing compounds.....	31	1,819	3,449,930	303,430	10,278,060	20,959,823
Toilet preparations.....	39	996	1,417,848	16,212	2,982,651	9,137,613
All other industries.....	4	206	383,327	116,751	2,207,537	3,662,297
Totals.....	314	14,005	23,105,327	1,210,167	62,622,484	118,128,730
Miscellaneous Industries—						
Artificial flowers and feathers.....	10	185	158,947	2,770	129,039	413,743
Brooms, brushes and mops.....	13	397	545,398	8,541	952,777	2,043,551
Buttons.....	3	51	52,348	842	84,366	173,952
Fountain pens and pencils.....	6	454	601,402	14,186	826,073	2,100,689
Ice, manufactured.....	12	137	224,951	65,488	26,178	1,162,122
Lamps, electric and lamp shades...	13	254	273,666	5,718	325,262	885,899
Mattresses and springs.....	24	733	1,200,204	40,865	2,602,063	4,534,114
Musical instruments.....	10	235	347,276	23,815	300,262	669,454
Regalia and society emblems.....	7	55	56,092	912	75,355	188,015
Scientific and professional equip- ment.....	19	8,195	16,883,984	329,062	31,795,635	72,522,540
Signs, electric, neon and other.....	6	80	147,441	3,237	124,185	393,113
Sporting goods.....	9	326	489,852	15,356	474,152	3,093,966
Stamps and stencils, rubber and metal.....	8	100	152,817	3,833	28,510	343,454
Statutory, art goods and novelties	24	348	417,298	5,769	563,409	1,210,880
Store and display accessories.....	4	55	68,477	1,935	57,425	189,188
Toys.....	22	855	834,039	16,069	1,307,641	3,118,442
Typewriter supplies.....	5	196	378,477	8,741	685,629	1,442,831
Umbrellas.....	3	58	66,445	802	112,625	262,874
All other industries.....	9	150	197,861	5,211	404,878	929,664
Totals.....	207	12,864	23,096,975	553,152	40,875,464	95,678,491
Totals, Greater Toronto.....	3,528	196,538	340,786,617	14,881,265	668,226,924	1,380,067,642

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1944—Con.

GREATER HAMILTON

Industry	Estab-lish-ments	Em-employees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Vegetable Products—						
Aerated and mineral waters.....	13	155	251,145	19,672	406,092	1,143,248
Biscuits, confectionery, cocoa, etc.	8	206	274,300	17,917	617,189	1,749,954
Bread and other bakery products.	58	1,089	1,493,712	123,176	2,090,985	4,455,047
Flour and feed mills.....	4	11	11,256	2,670	177,668	208,978
Foods, miscellaneous.....	10	266	319,122	11,735	1,389,137	2,058,703
Fruit and vegetable preparations..	7	613	834,094	60,690	3,075,803	4,302,089
Rubber goods including rubber footwear.....	4	1,540	2,985,696	245,556	8,558,427	18,091,469
All other industries.....	5	912	1,190,848	58,391	4,847,004	8,686,805
Totals.....	109	4,792	7,360,173	539,807	21,162,305	40,696,293
Animal Products—						
Fur goods.....	10	65	110,482	3,399	370,298	725,194
Miscellaneous leather goods.....	4	49	77,078	484	208,835	333,368
Slaughtering and meat packing....	6	717	1,108,939	105,516	13,549,645	15,857,409
All other industries.....	5	156	280,248	20,150	691,197	1,326,938
Totals.....	25	987	1,576,747	129,549	14,819,975	18,242,909
Textiles and Textile Products—						
Awnings, tents and sails.....	3	45	57,990	1,137	148,446	243,541
Clothing, men's factory.....	5	696	862,965	16,810	1,546,833	3,141,952
Cotton yarn and cloth.....	5	1,883	2,300,554	219,195	4,147,459	7,848,961
Hats and caps.....	3	41	64,926	664	95,177	206,636
Hosiery and knitted goods.....	8	3,263	3,683,195	166,342	5,944,193	11,779,160
All other industries.....	12	859	1,258,864	88,690	3,804,908	8,175,919
Totals.....	36	6,787	8,228,494	492,838	15,687,016	31,396,169
Wood and Paper Products—						
Boxes and bags, paper.....	9	475	627,089	30,031	2,141,141	3,395,940
Engraving, stereotyping and elec-trotyping.....	6	68	155,546	3,407	32,721	250,677
Furniture.....	4	48	66,342	3,665	26,454	116,803
Miscellaneous paper products.....	10	500	790,231	32,859	2,047,618	3,963,451
Miscellaneous wooden products....	6	25	45,628	1,046	18,242	81,597
Planing mills, sash and door fac-tories.....	6	153	201,266	8,327	400,180	729,680
Printing and bookbinding.....	45	411	607,585	21,393	823,315	1,780,908
All other industries.....	16	754	1,352,376	54,314	1,789,940	5,063,094
Totals.....	102	2,434	3,846,063	155,042	7,279,611	15,382,150
Iron and Its Products—						
Castings, iron.....	4	363	716,704	47,762	1,331,541	2,412,906
Hardware, tools and cutlery.....	14	702	1,323,891	77,593	1,805,675	4,635,538
Machinery.....	15	2,030	3,879,644	169,158	3,639,734	12,228,997
Machine shops.....	17	154	261,373	7,142	138,019	554,531
Miscellaneous iron and steel prod-ucts.....	10	4,528	8,895,189	363,359	9,424,431	21,553,731
Primary iron and steel.....	11	8,293	17,100,764	5,987,428	37,361,028	74,722,244
Sheet metal products.....	13	1,109	1,678,688	92,738	7,292,130	10,710,167
Wire and wire goods.....	12	2,900	5,341,014	360,542	4,050,675	15,663,945
All other industries.....	13	6,477	13,574,054	914,103	18,371,868	41,828,284
Totals.....	109	26,556	52,771,321	8,019,825	83,415,101	184,310,343
Non-ferrous Metal Products—						
Brass and copper products.....	8	535	956,713	31,590	874,620	2,692,520
Electrical apparatus and supplies..	11	7,268	13,083,058	449,561	7,737,933	32,887,874
Jewellery and silverware.....	4	328	502,491	13,156	441,850	1,074,118
All other industries.....	6	170	278,392	33,862	330,385	602,810
Totals.....	29	8,301	14,820,654	528,169	9,384,788	37,257,322

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1944—Con.

GREATER HAMILTON—concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Non-metallic Mineral Products—						
Cement products.....	6	40	48,610	4,951	95,527	186,671
Clay products from domestic clay.....	5	120	244,109	67,659	2,929	352,262
Clay products from imported clay.....	4	516	759,003	91,504	207,205	1,542,414
Coke and gas products.....	4	744	1,402,367	1,338,085	9,434,441	15,186,138
Stone products.....	5	23	41,637	3,888	33,305	107,872
All other industries.....	13	1,120	1,789,649	415,260	2,268,356	6,126,094
Totals.....	37	2,563	4,285,375	1,921,347	12,041,763	23,501,451
Chemicals and Allied Products—						
Miscellaneous chemical products.....	6	39	146,151	3,402	245,085	513,423
Polishes and dressings.....	4	80	97,315	4,218	336,461	594,580
All other industries.....	17	807	1,613,707	309,456	7,257,687	11,110,459
Totals.....	27	926	1,857,173	317,076	7,839,233	12,218,462
Miscellaneous Industries—						
Brooms, brushes and mops.....	7	250	310,351	9,792	402,490	1,181,369
Sporting goods.....	3	5	7,410	437	4,429	13,638
Stamps and stencils, rubber and metal.....	3	35	54,269	1,802	33,058	150,560
All other industries.....	5	64	81,021	14,006	21,847	124,340
Totals.....	18	354	453,051	26,037	461,824	1,469,907
Totals, Greater Hamilton.....	492	53,700	95,199,051	12,129,690	172,091,616	364,475,006

GREATER WINDSOR

Vegetable Products—						
Aerated and mineral waters.....	5	72	105,174	7,946	216,624	536,008
Bread and other bakery products.....	23	447	651,417	52,532	937,710	2,178,105
Foods, miscellaneous.....	5	47	50,795	3,527	127,268	215,163
Fruits and vegetable preparations.....	5	179	209,258	12,564	411,422	792,769
All other industries.....	7	870	1,666,519	261,251	4,517,906	14,162,472
Totals.....	45	1,615	2,674,163	337,820	6,210,930	17,884,517
Animal Products—						
Butter and cheese.....	6	465	878,916	77,637	1,666,132	3,022,104
Dairy products, other.....	3	49	74,243	5,831	240,905	545,092
Fur goods.....	3	12	17,881	95	57,875	100,786
Slaughtering and meat packing.....	4	71	110,486	13,896	1,523,330	1,874,632
All other industries.....	3	19	27,114	1,737	54,505	82,874
Totals.....	19	616	1,108,640	99,196	3,542,747	5,625,488
Textile and Textile Products—						
Totals, all industries.....	9	396	545,643	18,231	1,553,994	2,408,773
Wood and Paper Products—						
Boxes and bags, paper.....	3	123	161,505	3,959	266,571	703,231
Miscellaneous wooden products.....	4	54	78,892	4,594	77,265	197,913
Planing mills, sash and door factories.....	5	95	135,359	9,217	180,302	389,705
Printing and bookbinding.....	17	117	191,106	6,708	179,301	446,458
All other industries.....	10	584	949,276	25,929	1,359,410	3,555,489
Totals.....	39	973	1,516,138	50,407	2,062,849	5,292,796

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1944—Con.

GREATER WINDSOR—concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Iron and Its Products—						
Automobile supplies.....	16	4,595	9,793,987	452,583	21,904,351	40,556,488
Castings, iron.....	6	1,039	2,342,569	290,505	1,602,265	5,375,687
Hardware, tools and cutlery.....	10	560	1,500,907	44,795	943,148	3,614,499
Machine shops.....	4	127	276,621	5,234	515,825	1,005,795
Machinery.....	7	229	498,959	21,031	875,420	2,519,255
Sheet metal products.....	3	515	1,110,310	33,596	1,861,630	3,618,625
Wire and wire goods.....	3	384	775,617	105,136	1,434,945	2,774,043
All other industries.....	16	21,646	52,297,964	2,359,512	175,550,281	266,287,137
Totals.....	65	29,095	68,596,934	3,312,392	204,687,865	325,751,529
Non-ferrous Metal Products—						
Brass and copper products.....	4	474	1,186,826	100,130	3,128,791	5,008,602
All other industries.....	5	68	152,434	12,965	519,166	879,677
Totals.....	9	542	1,339,260	113,095	3,647,957	5,888,279
Non-metallic Mineral Products—						
Cement products.....	5	44	73,749	21,297	203,824	366,136
All other industries.....	7	330	644,930	223,078	505,067	2,168,625
Totals.....	12	374	718,679	244,375	708,891	2,534,761
Chemicals and Allied Products—						
Medicinal and pharmaceutical pre- parations.....	10	1,062	1,819,492	43,553	3,187,225	9,770,825
Miscellaneous chemical products...	5	29	59,048	1,468	192,135	328,780
Paints, pigments and varnishes....	3	161	375,299	15,383	1,090,007	2,253,670
Soaps and washing compounds.....	5	24	23,378	1,589	48,384	125,089
Toilet preparations.....	4	24	24,305	511	39,321	85,666
All other industries.....	5	610	1,170,345	688,910	1,793,754	5,079,496
Totals.....	32	1,910	3,471,867	751,414	6,350,826	17,643,526
Miscellaneous Industries—						
Totals, all industries.....	10	736	1,234,413	60,111	4,762,086	7,104,201
Totals, Greater Windsor.....	240	36,257	81,205,737	4,987,041	233,528,145	390,133,870

GREATER WINNIPEG

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Vegetable Products—						
Aerated and mineral waters.....	12	306	490,953	46,180	946,267	2,931,019
Biscuits, confectionery, cocoa, etc.	13	975	1,071,453	76,750	2,452,319	6,379,060
Bread and other bakery products.	66	982	1,325,886	141,744	2,205,072	4,607,663
Breweries.....	6	503	938,370	113,261	1,149,608	5,295,098
Feeds, stock and poultry.....	12	171	271,981	34,296	2,750,829	3,293,530
Flour and feed mills.....	10	606	948,489	137,848	17,407,145	20,103,263
Foods, breakfast.....	4	19	24,693	3,457	156,200	435,031
Foods, miscellaneous.....	18	507	629,904	37,387	7,572,480	9,502,303
Fruit and vegetable preparations..	6	236	233,567	29,215	665,174	1,229,956
Macaroni, vermicelli, etc.....	4	45	56,392	8,664	123,697	268,901
All other industries.....	8	306	511,825	237,954	2,549,823	4,138,349
Totals.....	159	4,656	6,503,513	866,756	37,978,614	58,184,173
Animal Products—						
Boots and shoes, leather.....	5	197	197,302	3,039	581,378	832,812
Butter and cheese.....	12	880	1,511,635	134,649	4,923,432	7,829,227
Cheese, processed.....	3	93	102,264	7,199	748,449	1,030,715
Fur dressing and dyeing.....	4	121	170,283	5,546	45,840	247,047
Fur goods.....	44	454	659,208	9,031	1,978,706	3,117,250
Gloves and mittens, leather.....	7	197	196,463	3,866	487,250	759,381
Miscellaneous leather goods.....	14	263	259,693	5,981	788,523	1,271,698
Sausage and sausage casings.....	8	85	116,770	13,388	740,349	907,094
Slaughtering and meat packing....	11	4,744	7,719,887	407,426	96,087,728	116,726,368
All other industries.....	6	122	159,300	10,779	487,130	770,989
Totals.....	114	7,186	11,092,805	600,904	106,868,785	133,492,581

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1944—Con.

GREATER WINNIPEG—continued

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Textiles and Textile Products—						
Awnings, tents and sails.....	3	31	33,867	601	111,332	157,560
Bags, cotton and jute.....	5	280	364,043	15,214	6,384,922	7,396,866
Clothing, men's factory.....	30	1,785	1,863,448	33,037	4,500,727	7,334,300
Clothing, women's factory.....	29	1,320	1,542,448	22,979	4,192,105	6,903,337
Hats and caps.....	11	267	283,756	5,049	595,374	1,006,662
Hosiery and knitted goods.....	5	184	176,614	4,995	446,173	705,108
All other industries.....	3	46	59,769	3,744	15,453	142,648
Totals.....	86	3,913	4,323,945	85,619	16,246,086	23,646,481
Wood and Paper Products—						
Boxes and bags, paper.....	7	432	601,652	24,081	1,975,812	3,327,544
Boxes, wooden.....	6	282	362,230	19,725	514,045	1,096,327
Carriages, wagons and sleighs.....	3	72	102,375	7,263	123,325	275,842
Engraving, stereotyping and elec- trotyping.....	6	164	360,991	5,270	60,278	618,411
Furniture.....	32	359	523,534	20,265	545,676	1,402,308
Miscellaneous paper products.....	7	168	235,482	9,546	571,489	1,060,098
Miscellaneous wooden products.....	12	42	44,264	1,430	29,211	90,185
Planing mills, sash and door fac- tories.....	10	305	470,215	18,153	590,918	1,254,501
Printing and bookbinding.....	80	1,222	1,718,274	51,266	1,309,925	3,883,098
Printing and publishing.....	22	787	1,382,089	42,370	730,166	4,083,964
Roofing paper.....	4	136	165,663	25,563	558,078	1,174,106
All other industries.....	18	362	495,810	65,947	582,569	1,528,264
Totals.....	207	4,331	6,462,579	290,879	7,591,492	19,794,648
Iron and Its Products—						
Agricultural implements.....	4	177	258,775	21,811	370,278	857,356
Automobile supplies.....	8	413	589,128	23,011	1,471,359	2,747,402
Castings, iron.....	4	540	894,773	39,725	382,293	1,995,963
Hardware, tools and cutlery.....	4	89	110,199	10,720	72,486	303,606
Iron and steel products, misc.....	5	426	780,811	62,073	1,068,344	2,915,255
Machinery.....	8	211	379,129	14,607	191,649	813,333
Machine shops.....	19	279	504,093	16,943	412,134	1,154,731
Sheet metal products.....	13	728	1,070,798	40,879	1,181,291	2,714,788
All other industries.....	11	6,981	12,957,341	522,171	7,662,850	26,867,407
Totals.....	76	9,844	17,545,047	751,940	12,812,684	40,369,841
Non-ferrous Metal Products—						
Brass and copper products.....	5	144	305,464	33,735	722,829	1,452,833
Electrical apparatus and supplies..	10	248	360,632	33,532	708,511	1,372,079
Jewellery and silverware.....	3	22	27,638	1,302	9,973	56,747
All other industries.....	4	44	67,409	12,732	292,945	415,005
Totals.....	22	458	761,143	81,301	1,734,258	3,296,664
Non-metallic Mineral Products—						
Cement products.....	3	18	24,677	381	7,712	64,103
Miscellaneous non-metallic mineral products.....	5	39	47,400	4,886	49,475	211,717
Stone products.....	5	30	41,722	3,034	18,707	78,683
All other industries.....	13	598	914,483	763,362	3,048,283	6,537,315
Totals.....	26	685	1,028,282	771,663	3,124,177	6,891,818
Chemicals and Allied Products—						
Gases, compressed.....	3	67	115,758	12,718	77,091	527,960
Medicinal and pharmaceutical pre- parations.....	7	184	236,217	10,379	615,870	1,473,600
Miscellaneous chemical products...	6	30	44,038	704	126,237	229,494
Paints, pigments and varnishes....	5	267	423,171	30,042	1,512,368	2,573,486
Soaps and washing compounds.....	7	81	113,857	24,605	499,993	710,486
Toilet preparations.....	4	76	54,402	1,319	66,915	190,237
All other industries.....	4	33	40,763	6,408	106,702	179,511
Totals.....	36	738	1,028,206	86,175	3,005,176	5,884,774

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1944—Con.

GREATER WINNIPEG—concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Miscellaneous Industries—						
Brooms, brushes and mops.....	6	92	101,926	3,789	148,282	306,318
Mattresses and springs.....	5	430	658,774	23,177	1,587,327	2,858,444
Scientific and professional equip- ment.....	5	26	28,140	1,729	22,181	61,679
Signs, electric, neon and other.....	5	87	144,376	21,641	41,764	413,707
Stamps and stencils, rubber, etc....	4	11	20,199	404	12,638	40,140
Statuary, art goods and novelties....	3	24	22,255	296	33,171	57,642
All other industries.....	7	51	63,066	15,073	147,302	304,193
Totals.....	35	721	1,038,736	66,109	1,992,665	4,042,123
Totals, Greater Winnipeg.....	761	32,532	49,784,256	3,601,346	191,353,937	295,603,103

GREATER VANCOUVER

Vegetable Products—						
Aerated and mineral waters.....	10	172	254,141	20,950	433,359	1,544,298
Biscuits, confectionery, cocoa, etc..	25	508	636,167	33,833	1,377,575	3,142,765
Bread and other bakery products....	130	1,579	2,338,367	186,027	3,730,075	7,978,335
Breweries.....	3	331	719,302	53,909	820,810	5,515,286
Feeds, prepared stock and poultry....	9	274	441,789	38,042	4,774,804	5,474,162
Foods, breakfast.....	3	14	12,986	898	41,979	64,257
Foods, miscellaneous.....	27	518	614,226	37,721	7,716,628	9,505,328
Fruit and vegetable preparations....	16	948	1,117,962	65,451	5,120,616	7,598,532
Macaroni, vermicelli, etc.....	4	39	42,819	6,155	85,865	164,183
Tobacco, cigars and cigarettes.....	4	13	14,599	220	12,863	35,081
All other industries.....	9	1,020	1,701,353	339,421	11,689,656	16,865,395
Totals.....	239	5,416	7,893,711	782,627	35,804,230	57,887,622
Animal Products—						
Boots and shoes, leather.....	7	256	297,591	9,612	535,306	907,627
Butter and cheese.....	10	690	1,242,990	130,807	5,828,694	8,482,090
Dairy products, other.....	6	96	156,663	15,461	437,593	925,944
Fish curing and packing.....	20	1,063	1,265,811	73,887	7,302,283	9,660,077
Fur goods.....	14	84	942 88	3,065	206,751	402,457
Gloves and mittens, leather.....	3	77	107,534	885	132,417	262,802
Leather tanneries.....	3	30	39,213	4,601	155,925	217,070
Miscellaneous leather goods.....	5	95	115,706	2,298	181,203	450,643
Sausage and sausage casings.....	4	64	79,747	5,660	455,730	635,329
Slaughtering and meat packing....	10	1,202	2,131,129	162,051	21,120,770	24,572,716
Totals.....	82	3,657	5,530,672	408,307	36,356,672	46,516,754
Textiles and Textile Products—						
Awnings, tents and sails.....	5	192	256,208	6,361	546,310	995,619
Clothing, men's factory.....	11	281	333,940	10,813	646,522	1,135,256
Clothing, women's factory.....	20	445	518,479	5,612	753,091	1,644,562
Cotton and wool waste.....	3	28	36,598	4,807	181,093	270,375
Hosiery and knitted goods.....	3	141	201,239	4,731	305,806	732,779
Woollen cloth.....	3	121	175,657	20,787	315,964	699,864
All other industries.....	9	297	375,027	19,423	2,202,020	3,024,268
Totals.....	54	1,505	1,897,148	72,534	4,950,806	8,502,723
Wood and Paper Products—						
Blue-printing.....	5	20	21,610	1,985	16,192	51,901
Boat building.....	12	130	227,480	4,096	421,653	979,865
Boxes and bags, paper.....	7	401	542,082	20,973	1,638,009	3,066,023
Boxes, wooden.....	7	248	349,174	22,407	819,977	1,452,643
Coffins and caskets.....	3	52	67,105	1,490	169,619	361,882
Cooperage.....	3	39	64,732	2,427	174,995	276,048

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1944—Con.

GREATER VANCOUVER—continued

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Wood and Paper Products—						
concluded						
Engraving, stereotyping and elec- trotyping.....	8	86	179,370	4,860	47,281	307,391
Furniture.....	57	998	1,345,131	40,325	1,525,176	3,524,004
Lithographing.....	6	149	273,231	8,128	345,125	865,124
Miscellaneous paper products.....	11	448	603,871	18,047	2,293,777	3,443,587
Miscellaneous wooden products.....	12	135	254,941	4,991	503,254	849,846
Planing mills, sash and door fac- tories.....	36	798	1,255,091	58,337	1,889,327	3,721,442
Plywood and veneer.....	5	1,289	1,973,595	76,883	2,982,329	7,588,410
Printing and bookbinding.....	91	615	958,608	24,545	688,532	1,997,542
Printing and publishing.....	13	1,076	1,915,943	31,424	1,050,679	5,122,366
Sawmills.....	72	5,550	10,452,584	373,635	18,734,655	37,482,463
Woodenware.....	3	53	65,541	2,090	61,768	155,522
Wood preservation.....	3	104	206,578	36,063	908,878	1,360,279
Wood turning.....	3	64	80,051	3,767	142,835	283,311
All other industries.....	9	865	1,892,905	439,535	2,970,917	6,236,809
Totals.....	366	13,120	22,729,623	1,176,008	37,384,968	79,126,438
Iron and Its Products—						
Automobile supplies.....	7	77	149,074	6,323	199,134	460,024
Boilers, tanks and platework.....	5	193	447,382	20,381	2,530,391	4,134,321
Castings, iron.....	14	510	992,897	68,848	446,178	1,895,144
Hardware, tools and cutlery.....	12	376	767,300	31,465	873,278	2,053,826
Heating and cooking apparatus.....	6	133	251,010	4,288	124,615	499,372
Iron and steel products, miscel- laneous.....	18	1,195	2,758,501	109,996	1,544,100	7,384,340
Machinery.....	24	2,232	4,501,993	113,977	5,385,083	13,867,308
Machine shops.....	52	688	1,300,577	30,339	618,981	2,661,952
Primary iron and steel.....	5	405	801,347	105,614	219,189	1,587,211
Sheet metal products.....	16	1,210	2,146,947	80,425	6,164,318	10,782,793
Shipbuilding and repairs.....	16	18,444	38,553,632	773,953	24,901,399	94,034,253
Wire and wire goods.....	7	417	685,200	28,988	2,599,356	4,220,019
All other industries.....	7	9,131	19,579,254	462,763	11,088,213	42,307,318
Totals.....	189	35,011	72,844,114	1,837,360	56,694,235	185,887,881
Non-ferrous Metal Products—						
Brass and copper products.....	14	297	608,277	28,401	490,369	1,530,050
Electrical apparatus and supplies...	13	363	526,164	15,296	730,076	1,903,956
Jewellery and silverware.....	4	61	107,995	477	86,627	221,391
White metal alloys.....	4	60	110,494	13,552	702,422	990,015
All other industries.....	2	63	103,798	4,109	63,550	254,649
Totals.....	37	844	1,456,688	61,835	2,073,044	4,870,061
Non-metallic Mineral Products—						
Cement products.....	8	94	150,819	6,926	313,781	546,521
Clay products from domestic clay...	3	2	3,250	1,318	-	25,967
Glass products.....	5	60	77,757	4,648	119,991	253,571
Miscellaneous non-metallic mineral products.....	6	91	170,536	28,647	274,447	641,137
Petroleum products.....	5	137	281,515	117,912	6,060,190	7,292,500
Stone products.....	7	19	31,621	2,416	33,767	107,891
All other industries.....	2	300	511,969	434,501	860,236	2,542,430
Totals.....	36	703	1,227,475	596,368	7,662,412	11,410,017

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg, and Vancouver, 1944—Con.

GREATER VANCOUVER—concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Chemicals and Allied Products—						
Fertilizers.....	4	65	123,217	7,071	460,556	633,216
Miscellaneous chemical products...	7	22	22,407	1,275	65,667	161,972
Paints, pigments and varnishes....	6	113	185,828	7,925	695,394	1,361,063
Polishes and dressings.....	3	4	4,091	301	4,969	11,466
Soaps and washing compounds.....	12	84	112,896	9,133	235,214	513,789
Toilet preparations.....	4	4	4,859	92	5,534	14,640
All other industries.....	11	259	460,969	42,637	1,223,120	2,801,423
Totals.....	47	551	914,267	68,435	2,690,454	5,497,569
Miscellaneous Industries—						
Brooms, brushes and mops.....	4	90	115,226	2,533	129,521	298,956
Ice, manufactured.....	7	103	161,191	45,843	13,788	458,653
Mattresses and springs.....	3	247	343,501	12,971	686,370	1,337,457
Musical instruments and materials	3	5	4,600	108	3,861	10,948
Scientific and professional equip- ment.....	5	601	1,279,527	13,004	1,897,777	3,365,701
Signs, neon, electric and other.....	3	103	192,408	21,844	34,558	479,710
Stamps and stencils, rubber and metal.....	7	50	82,673	2,049	34,405	155,404
Statuary, art goods and novelties.	3	25	12,326	230	9,079	30,688
All other industries.....	9	149	179,159	4,818	132,708	423,772
Totals.....	44	1,373	2,370,611	103,400	2,942,067	6,561,289
Totals, Greater Vancouver....	1,094	62,180	116,864,309	5,106,874	186,558,888	406,260,354

APPENDIX II

Alphabetical List of the Products Reported as having been Manufactured in Canada in 1944

The appended list of the products of Canadian manufacturing industries presents the value and in most cases the quantity of the individual products in a much more detailed form. Prior to 1927, in presenting statistics of manufacturing production, the whole production of an establishment was taken as a unit. This not only prevented the presentation of production figures for specific products in detail, but also involved numerous inaccuracies in the production statistics of classes of commodities, owing to the fact that commodities which may be the major line of production in one establishment may also be products of secondary importance in another establishment where the major line of production puts the establishment into a different class. The statistics which follow, however, have been compiled by taking from the individual returns of each of the 28,483 manufacturing establishments covered, the value and, when given, the quantity of each commodity specified as produced by the establishment. In this way, detailed production figures are obtained for specific commodities and furthermore the total production of each commodity is brought together, no matter how varied may be the operations in different establishments producing it. Nevertheless it should be pointed out to those making use of these figures that there is one element of incompleteness about them. In the returns of many manufacturers, products of minor importance are grouped under the name "all other products". As will be seen from the group at the end of the list, the value of products not specified, while they may appear unimportant to the individual manufacturer, are, in the aggregate, a large amount, especially in the industries of the iron and steel group. It is obvious that one manufacturer may consider a product of insufficient importance to report separately for his establishment, while that same product may be reported separately by other establishments. In other words, included in the value of other products not specified at the end of the list, there are doubtless values which, had the products been specified by the manufacturer, would have been included in the values of commodities appearing on the list. However, the products not specified total only about 1.9 per cent in value of the whole manufacturing production, although in the iron and steel group this proportion is 4.0 per cent. With the exception of this group, therefore, the incompleteness of the figures on this account, is insignificant.

There is no duplication in the listing of products, nor do any of the items include products listed in more detail under another name. It is possible, however, that essentially the same commodity produced in different establishments may have been called by different names; in such a case, which is probably a very rare one, the items would appear separately in the following list.

Alphabetical List of Products Manufactured in Canada, 1944

Items	Unit of Measure	Quantity	Value \$
Abrasive cloth.....	—	—	*
Abrasive paper.....	—	—	*
Abrasive wheels and segments.....	—	—	3,321,873
Absorbent cotton.....	—	—	*
Acetaldehyde.....	—	—	*
Acetic anhydride.....	—	—	*
Acetone.....	—	—	*
Acetylene.....	cu. ft.	233,459,409	3,016,903
Acid, acetic.....	—	—	*
Acid, calcium phosphate.....	—	—	*
Acid, cresylic.....	—	—	*
Acid, fatty, coconut, palm oil and tallow.....	lbs.	2,299,056	247,823
Acid, hydrochloric (Muriatic).....	—	—	*
Acid, hydrofluosilicic.....	—	—	*
Acid, naphthemic.....	lb.	2,669,898	266,990
Acid, nitric.....	—	—	*
Acid, oleic.....	—	—	*
Acid, phosphoric.....	—	—	*
Acid, stearic.....	—	—	*
Acid, sulphuric.....	lb.	1,378,406,379	6,975,815
Accelerators, rubber and other.....	—	—	676,583
Adhesives, n.e.s.....	—	—	192,836
Advertising matter, printed, n.e.s.....	—	—	12,220,415
Advertising novelties (see "Novelties").....	—	—	*
Agitators, mining and metallurgical.....	—	—	*
Agricultural implements and parts, not elsewhere specified.....	—	—	3,590,862
Air conditioning equipment.....	—	—	488,785
Aircraft, including parts and repairs.....	—	—	486,291,003
Alcohol, butyl.....	—	—	*
Alcohol, denatured.....	(Made pr. gal. Sold " "	8,896,616 9,021,694	4,767,514 5,585,295
Alcohol, not denatured.....	(Made " " Sold " "	17,824,944 16,023,832	9,286,007 10,151,511
Alkylate.....	gal.	4,184,320	796,276
Almond paste.....	lb.	94,889	29,834
Alumina, fused (crude).....	ton	166,098	17,768,484
Alumina, fused (abrasive grains).....	—	—	*
Aluminum fluoride.....	—	—	*
Aluminum products, not specified.....	—	—	3,023,269
Ammonia, anhydrous.....	lb.	118,555,581	2,502,757
Ammonia, aqua.....	—	—	*
Ammonia, liquid.....	—	—	15,648
Ammonia, liquor.....	—	—	16,461
Ammonia powder.....	lb.	4,037,458	179,389
Ammonium chloride.....	" "	4,163,310	201,352
Ammonium hydroxide.....	—	—	*
Ammonium nitrate.....	lb.	439,424,454	9,642,100
Ammonium phosphate.....	—	—	*
Ammonium sulphate.....	ton	210,130	6,412,385
Ammunition (see "Munitions and supplies").....	—	—	*
Amplifiers (public address system).....	—	—	*
Anti-freeze preparations.....	—	—	*
Apple butter.....	lb.	1,053,232	102,259
Apple pomace, chop and waste.....	" "	5,875,963	140,407
Apple juice concentrate.....	gal.	1,208,176	1,487,477
Apples, evaporated and dehydrated.....	lbs.	13,966,973	2,952,067
Aprons, fabric.....	doz.	278,393	960,976
Aprons, rubber and oiled.....	" "	7,560	104,973
Arm bands.....	" "	5,897	10,701
Art needlework.....	—	—	162,076
Art work (printing).....	—	—	983,596
Asbestos clutch facings.....	—	—	258,184
Asbestos gaskets.....	—	—	46,749
Asbestos products, n.e.s.....	—	—	525,063
Asphalt.....	Imp. gal.	63,122,411	5,436,827
Asphalt emulsion.....	gal.	3,092,358	399,396
Asphalt products, not elsewhere specified.....	—	—	250,003
Atomizers.....	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1944—Con.

Items	Unit of Measure	Quantity	Value
\$			
Automobiles, commercial—			
$\frac{1}{4}$ ton or less.....	For sale in Canada No.	1,379	1,263,151
1 ton and less than $1\frac{1}{2}$ tons.....	For export " "	3,171	4,704,096
$1\frac{1}{2}$ tons and less than 2 tons.....	For sale in Canada " "	233	227,424
2 tons and less than $2\frac{1}{2}$ tons.....	For sale in Canada " "	1,121	1,253,607
$2\frac{1}{2}$ tons and less than $3\frac{1}{2}$ tons.....	For export " "	12,045	9,160,570
$3\frac{1}{2}$ tons and over.....	For sale in Canada " "	9,569	9,138,825
Military vehicles.....	For export " "	44	33,228
Automobiles, special.....	For sale in Canada " "	5,031	6,485,647
Buses and bus bodies.....	For export " "	43,819	58,510,246
Automobile bodies and cabs.....	For sale in Canada " "	102	509,188
Automobile parts and accessories, not specified.....	For export " "	3	69,000
Automobile trailers.....	For sale in Canada " "	48,527	67,180,439
Awnings and verandah curtains.....	For export " "	31,893	54,572,097
Axes and hatchets.....	No.	753,237	710,539
Axes and shafts, automobile.....			8,697,037
Axes and parts, not specified.....			*
Babies' high-chairs, commodes and other baby supplies.....			248,576
Babbit metal.....	lb.	4,000,724	847,005
Badges, rosettes, buttons, etc.....			1,084,528
Bags, fabric—			
Cotton.....	doz.	5,047,213	9,180,128
Jute.....	"	6,716,333	15,756,984
Sleeping.....	"		717,775
Tea.....	"		125,968
Fabric, not specified.....	"		1,474,619
Bags, leather and imitation leather—			
Club bags and suit cases.....			1,648,044
Hand.....			5,183,930
School.....	No.	149,443	108,596
Bags, paper—			
Glassine and cellophane.....			1,245,243
Millinery.....			370,694
Multi-wall sacks.....			3,951,653
Self-opening.....			2,825,126
Paper, not specified.....			2,858,201
Bags, rubber, air and steam.....			
Bags, repaired.....			923,321
Bale ties—quantity made.....	ton	4,857	
quantity sold.....	"	4,901	450,353
Balloons.....			*
Balls, golf, tennis, footballs, etc.....			620,950
Barium chlorate.....			*
Barley, pot and pearl.....	lb.	5,243,306	142,198
Barley, roasted.....	"	279,668	13,902
Barn and stable equipment, not elsewhere specified.....			*
Barrels, wooden—			
Apple, etc.....	No.	860,230	1,271,608
Fish.....	"	100,435	185,724
Flour, sugar, etc.....	"	225,369	251,485
Oil, vinegar, water, etc.....	"	389,503	1,442,447
Whiskey, beer, etc.....	"	11,353	126,531
Barrels, steel.....			1,653,773
Barrels, repaired, etc.....			141,829
Barrels, n.e.s.....	No.	18,600	38,700
Bars, iron and steel—			
Hot rolled, of all grades—			
Quantity made.....	net ton	452,652	-
Quantity sold.....	"	400,111	28,486,322
Concrete reinforcing—			
Quantity made.....	"	27,719	-
Quantity sold.....	"	28,868	1,612,693
All other, including cold rolled and cold drawn, spike rods, bolt stock, etc.—			
Quantity made.....	"	59,915	-
Quantity sold.....	"	58,816	7,067,486

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1944—Con.

Items	Unit of Measure	Quantity	Value
			\$
Bars and ingots, sold—			
Aluminum.....	lb.	13,161,559	3,164,789
Brass.....	"	9,154,413	1,308,416
Bronze.....	"	10,420,497	1,582,716
Basket bottoms.....	—	—	53,007
Baskets and crates, fruit and vegetable.....	—	—	2,490,803
Baskets, other, not specified.....	—	—	561,060
Bathing caps.....	doz.	5,286	42,575
Bathing suits.....	"	75,117	1,499,197
Bathrobes, kimonos, lounging jackets, etc.—			
Cotton.....	doz.	35,281	790,889
Silk and artificial silk mixed.....	"	39,233	2,419,233
Wool and flannel.....	"	11,128	801,977
Not specified.....	"	41,175	1,323,678
Bats, baseball.....	No.	134,920	85,733
Batteries—			
Storage for automobiles and other internal combustion engines	"	1,227,052	6,589,184
Storage for railway service.....	no. of cells	8,415	191,748
Storage, for motor cycle starting.....	No.	5,524	18,783
Storage, for telephone switch boards.....	"	3,215	45,420
Storage, for farm lighting plants.....	no. of cells	73,124	429,081
Storage, for all other purposes.....	—	—	1,749,444
Dry-cell, all kinds.....	—	—	6,403,122
Parts, supplies and primary wet cells.....	—	—	1,323,142
Batting, wadding, flocks and rolls (including auto batts).....	—	—	1,040,863
Bearings, roller and parts.....	—	—	542,333
Beauty parlour and barber equipment, n.e.s.....	—	—	371,696
Beds and couches—			
Metal and iron beds.....	No.	185,111	1,641,122
Studio couches, metal.....	"	29,035	748,505
Studio couches, other.....	"	37,038	1,059,575
Metal couches, other.....	"	14,461	159,706
Metal and iron cots and bunks.....	"	64,573	389,818
Cribs, all kinds.....	"	36,127	314,529
Beds, camp and other, n.e.s.....	—	—	14,581
Bedspreads and bed sets—			
Cotton.....	No.	223,452	1,478,635
Silk and artificial silk.....	"	50,757	221,730
Not specified.....	"	9,660	60,903
Beef extract.....	—	—	*
Beekeepers' supplies, n.e.s.....	—	—	460,235
Beer, ale, stout and porter—			
In barrels.....	gal.	35,360,617	33,411,542
In bottles.....	"	78,035,734	103,261,809
Beer, spruce.....	"	334,933	192,267
Beet pulp, wet and dried.....	ton	97,445	472,131
Bells and gongs.....	—	—	26,528
Belting, leather (transmission).....	lb.	852,032	1,596,240
Belts, automobile, fan.....	No.	1,616,212	497,294
Belting, rubber.....	lb.	5,102,060	3,500,532
Belts, rubber, not specified.....	No.	191,126	307,261
Belts and aprons, sanitary.....	—	—	63,264
Belts, body, not specified.....	—	—	1,209,125
Benzol.....	Imp. gal.	7,246,900	1,000,170
Bicycles.....	No.	66,108	1,761,632
Bicycle parts.....	—	—	60,255
Billiard and bowling supplies, n.e.s.....	—	—	425,954
Binders, loose-leaf and other.....	—	—	1,112,602
Binders, grain and corn.....	—	—	2,049,820
Binding and stitching (trade work).....	—	—	917,675
Bindings, (see also "Tapes").....	—	—	739,702
Bins and hoppers.....	—	—	77,370
Biological products, n.e.s.....	—	—	*
Biscuits, plain and fancy.....	ton	50,465	17,408,579
Biscuits, soda.....	"	24,681	7,745,944
Black, acetylene.....	—	—	*
Blackboards, asbestos.....	—	—	10,611
Blankets—			
Cotton.....	pair	1,793,032	
or	lb.	5,335,204	2,891,770

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1944—Con.

Items	Unit of Measure	Quantity	Value
Blankets— <i>Concluded</i>			\$
Cotton mixed.....	pair or lb.	115, 142	
Cotton warp.....	pair or lb.	400, 967	243, 782
Wool.....	pair or lb.	59, 831	
Slumber throws.....	lb.	371, 456	263, 135
Not specified.....	lb.	519, 535	
Blankets, horse.....	No.	3, 792, 255	4, 105, 340
Bleaching compounds.....	lb.	111, 911	438, 606
Blinds, venetian (see "Shades and blinds")	lb.	424, 554	247, 360
Blooms, billets and slabs.....	No.	104, 312	329, 102
Blouses, women's.....	—	—	317, 167
Blouses and shirtwaists, boys' (see "Shirts")	doz.	402, 789	17, 041, 753
Blow torches.....	—	—	6, 732, 863
Blowers, furnace.....	—	—	*
Blue, laundry.....	No.	2, 393	75, 924
Boats, life and whale.....	—	—	86, 282
Boats, motor.....	No.	1, 201	1, 383, 105
Boats, outboard motor.....	"	266	505, 239
Boats, scows, tugs, and other craft.....	"	1, 052	108, 590
Boats, sail.....	—	—	702, 077
Boats, other, including row boats, skiffs, etc.....	No.	143	36, 403
Boat parts.....	"	—	140, 606
Boiler compounds.....	—	—	63, 698
Boilers, heating.....	—	—	865, 406
Boilers, power.....	No.	12, 224	2, 326, 595
Boilers, range.....	—	—	11, 389, 466
Boilers, steam.....	—	—	752, 170
Boiler parts and accessories.....	—	—	*
Bologna and blood pudding.....	lb.	3, 199, 388	1, 638, 947
Bolts, nuts and rivets.....	—	—	485, 360
Bone meal.....	lb.	1, 380, 468	11, 654, 228
Bone, raw, ground, etc.....	"	11, 607, 131	27, 044
Books, printed and bound.....	—	—	181, 958
Books and pads, drawing, exercise, scribblers, etc., not elsewhere specified.....	—	—	5, 801, 176
Books, ledger and account.....	—	—	1, 947, 552
Books, counter, check, sales, etc.....	—	—	486, 870
Books, blank, bound, not specified.....	—	—	1, 138, 084
Boron carbide.....	—	—	477, 445
Bottles, thermos.....	—	—	*
Bowling supplies (see "Billiard and bowling supplies")	—	—	*
Box toes.....	—	—	154, 195
Boxes, paper—			
Corrugated.....	—	—	19, 766, 482
Fibre board.....	—	—	986, 362
Folding.....	—	—	13, 680, 493
Mailing tubes and other round.....	—	—	167, 073
Set-up.....	—	—	8, 295, 869
Not specified.....	—	—	12, 000
Boxes, wooden—			
Ammunition.....	M. ft.	28, 887	4, 328, 629
Apple.....	B.M.	—	—
Berry.....	No.	575, 484	93, 326
Butter.....	"	30, 470, 238	177, 184
Cheese.....	"	2, 536, 038	882, 583
Cigar and tobacco.....	"	1, 345, 509	489, 871
Fish.....	—	—	—
Meat.....	No.	1, 613, 300	557, 677
Plywood.....	"	1, 600, 696	1, 201, 164
Veneer.....	"	986, 999	1, 478, 939
Boxes, wooden, not specified.....	"	2, 242, 451	1, 843, 856
Boxes, other, not specified.....	—	—	13, 548, 652
Box panels, plywood.....	—	—	891, 494
Braids and gimps.....	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported by less than three firms.

Alphabetical List of Products Manufactured in Canada, 1944—Con.

Items	Unit of Measure	Quantity	Value
			\$
Brake beams and parts.....	—	—	189,260
Brakes, auto, and parts.....	—	—	3,264,128
Brakes, brake shoes and parts.....	—	—	1,247,147
Bran.....	ton	331,096	7,910,485
Brass alloys.....	lb.	9,114,569	1,170,835
Brass products, not specified.....	—	—	78,544
Bread.....	lb.	1,249,123,402	70,256,652
Breakfast foods (see "Cereal products")	—	—	—
Bricks, cement.....	—	—	71,222
Bricks, from domestic clay.....	M	155,106	3,174,173
Bricks, sand-lime.....	—	—	182,374
Briquettes, coal and coke.....	—	—	*
Rooms—			
Corn.....	doz.	249,763	1,543,127
Fibre.....	—	15,840	143,019
Hair.....	—	2,862	69,243
Toy.....	—	12,911	17,196
Other.....	—	1,571	23,676
Bronze alloys.....	lb.	9,074,950	1,277,652
Bronze products, n.e.s.....	—	—	1,109
Brushes—			
Made of corn and fibre.....	doz.	75,920	132,110
Clothes.....	—	23,672	88,407
Generator and motor.....	—	—	512,000
Hair.....	doz.	73,791	437,997
Nail.....	—	36,079	34,816
Paint.....	—	426,735	1,704,845
Shaving.....	—	90,327	584,495
Shoe.....	—	45,138	91,380
Tooth.....	—	795,911	1,094,278
For household purposes.....	—	397,568	691,645
For industrial use.....	—	225,801	1,059,035
Other, not specified.....	—	411,234	458,521
Brush blocks, backs, etc.....	—	—	76,242
Buckles, clips, etc.....	—	—	119,503
Buffing composition.....	—	—	36,056
Buffing wheels.....	—	—	47,273
Bufs, polishing, cotton.....	—	—	—
Building blocks, hollow, cement, cinder, sand-lime, etc.....	—	—	1,435,289
Bungs, barrel.....	—	—	16,141
Buns.....	—	—	13,268,306
Burners, lamp and other, n.s.....	—	—	119,318
Butane.....	—	—	583,003
Butter, factory made.....	lb.	298,777,262	101,534,710
Butter, wher, factory made.....	—	2,655,927	849,443
Buttons—			
Celluloid.....	gr.	47,942	239,480
Plastic.....	—	772,087	511,311
Metal.....	—	1,142,376	272,892
Moulded.....	—	3,179,836	826,378
Pearl.....	—	460,230	306,533
Not specified.....	—	—	492,841
Button covering, hemstitching, etc.....	—	—	756,058
Butyl acetate.....	—	—	*
Cabinets, medicine.....	—	—	50,711
Calcium chloride.....	—	—	*
Calcium carbide.....	—	—	*
Calcium cyanamide.....	—	—	*
Calcium cyanide.....	—	—	*
Calcium naphthenate.....	—	—	*
Calcium phosphide.....	—	—	*
Calcium stearate.....	—	—	*
Calks, horseshoe and other.....	—	—	103,350
Camel back.....	lb.	3,446,158	1,202,420
Cameras.....	—	—	*
Candles.....	—	—	1,203,451
Candy sticks.....	—	—	34,617
Canoes.....	No.	2,811	206,702
Cans, paper or fibre, metal ends.....	—	180,504,043	3,517,121
Cans, paper or fibre, other.....	—	—	376,580
Cans, tin, general line.....	—	—	9,799,153

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1944—Con.

Items	Unit of Measure	Quantity	Value
			\$
Cans, tin, packers' sanitary.....	—	—	23, 279, 313
Cans, tin and metal, other.....	—	—	297, 165
Canvas and canvas goods, not elsewhere specified.....	—	—	893, 142
Capacitors, (static condensers) for power factory correction.....	—	—	*
Caps—			
Cloth.....	doz.	213, 179	1, 654, 112
Cotton.....	—	54, 836	146, 917
Fur.....	—	6, 926	263, 131
Leather.....	—	13, 959	133, 561
Sport.....	—	45, 361	207, 086
Uniform.....	—	85, 150	1, 178, 899
Not specified.....	—	18, 867	98, 961
Caps, bottle, paper.....	—	—	910, 307
Caps, bottle, metal and other.....	—	—	5, 431, 056
Carbamite.....	—	—	*
Carbon dioxide gas.....	—	—	*
Carbon dioxide in cylinders.....	lb.	11, 303, 272	873, 005
Carbon dioxide, solid.....	—	10, 552, 911	335, 472
Carbon bisulphide.....	—	—	*
Carbons, illuminating, for lamps.....	—	—	*
Carbon products, not specified.....	—	—	*
Carburizing chemicals.....	—	—	*
Cards, greeting.....	—	—	3, 878, 834
Cards, playing.....	—	—	*
Cards, visiting.....	M	14, 451	47, 073
Carpets, mats and rugs—			
Carpets in rolls, including stair—			
Axminster.....	carpet yd.	232, 710	608, 302
Wilton.....	—	257, 664	1, 024, 018
Other, not specified.....	—	30, 494	63, 703
Carpets in squares, 4'6" by 7'6" or larger—			
Axminster.....	—	450, 293	1, 196, 169
Wilton.....	—	152, 375	613, 631
Small squares and runners—			
Axminster.....	—	73, 230	210, 130
Wilton.....	—	8, 295	34, 356
Other, not specified.....	—	57, 796	162, 677
Rugs made from old carpets.....	—	—	20, 101
Rugs and carpets not specified.....	—	—	943, 825
Carriages and wagons, complete.....	No.	1, 479	164, 567
Carriages and sleighs, baby.....	—	—	1, 613, 463
Carriage and wagon bodies and boxes.....	—	—	47, 228
Carriage and wagon materials.....	—	—	519, 968
Carriers, litter.....	—	—	*
Cars, electric, railway, new.....	—	—	*
Cars, steam, railway, new.....	No.	8, 242	35, 935, 406
Cars, dump, hand, push and other not specified.....	—	—	244, 930
Carvings, wood and other.....	—	—	29, 475
Casein.....	lb.	3, 926, 067	827, 519
Cases, clock.....	—	—	—
Cases, eye-glass and jewellery.....	—	—	482, 658
Cases, leather and imitation leather, all kinds.....	—	—	997, 419
Cases, toiletware and silverware.....	—	—	118, 952
Cases, not specified.....	—	—	164, 805
Caskets.....	No.	101, 884	3, 300, 556
Casks, fish.....	—	14, 979	34, 617
Casks, other.....	—	—	1, 122
Castings—			
Aluminum.....	lb.	5, 366, 229	3, 816, 789
Brass.....	—	27, 545, 675	5, 785, 518
Bronze.....	—	21, 528, 457	5, 584, 596
Copper.....	—	136, 599	36, 942
Die.....	—	—	2, 983, 684
Grey iron.....	ton	213, 479	23, 048, 249
Malleable iron.....	—	42, 065	7, 146, 942
Iron, not specified.....	—	490	55, 052
Lead.....	lb.	707, 372	58, 563
Steel—			
Quantity made.....	net ton	142, 294	—
Quantity sold.....	—	137, 465	32, 222, 263

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1944—Con.

Items	Unit of Measure	Quantity	Value
			\$
Castings, not specified.....	—	—	646,158
Castors, all kinds.....	—	—	385,559
Catalogues, printed, etc.....	—	—	3,178,393
Catsup (see "Tomato catsup").....	—	—	—
Ceiling and siding, metal.....	—	—	49,381
Celluloid products, not specified.....	—	—	19,821
Cellulose products, n.e.s.....	—	—	*
Cement, Portland.....	bbl.	7,190,851	12,646,741
Cement, rubber.....	—	—	601,452
Cement and cement products, not specified.....	—	—	810,678
Cereal products, prepared ready to serve.....	lb.	74,323,989	10,586,756
Cereal products, unprepared.....	"	34,751,024	1,724,387
Cerelose.....	—	—	*
Cerium.....	—	—	*
Certificates, stock, bond, etc., printed.....	—	—	1,689,530
Chains, automobile.....	—	—	2,878,085
Chains, other than automobile, including sprocket chain.....	—	—	4,319,482
Chamois products.....	—	—	461,778
Chaplets, foundry.....	—	—	184,703
Chaps.....	—	—	—
Charcoal.....	—	—	1,116,391
Cheese, Canadian cheddar.....	lb.	181,117,830	36,659,129
Cheese, other than cheddar.....	"	745,939	204,408
Cheese, skim milk and cottage.....	"	4,245,103	468,171
Cheese, processed and packed.....	"	36,434,057	11,229,445
Cheesecloth.....	—	—	353,738
Chemical products, not elsewhere specified.....	—	—	1,375,002
Cheques, notes, drafts, bank notes, etc., printed.....	—	—	1,189,554
Chests, cedar.....	—	—	868,074
Chests, other, wood.....	—	—	*
Chewing gum.....	boxes	9,129,944	5,030,674
Chicken, canned (see "Meats, canned").....	—	—	*
Chicory, roasted.....	—	—	319,552
Children's wear, not elsewhere specified.....	—	—	90,794
Chloride of lime.....	—	—	*
Chlorine, liquid.....	—	—	*
Chocolate coating.....	lb.	11,735,400	2,208,567
Choppers, food.....	—	—	*
Churns.....	—	—	85,548
Cider (for sale).....	gal.	250,343	59,262
Cigars.....	M	198,512	10,470,972
Cigarettes.....	"	15,484,605	171,001,575
Cinder blocks (see "Building blocks").....	—	—	*
Classifiers, metal working.....	—	—	262,208
Clay, bentonite and other.....	—	—	264,398
Cleaners, vacuum and parts.....	—	—	224,643
Cleaner, hand.....	—	—	101,022
Cleaner, fabric, floor, window, etc.....	—	—	1,127,215
Cleaning and scouring powder and paste.....	—	—	1,138,100
Cleaning preparations, other.....	—	—	112,889
Clips, wire.....	—	—	898,748
Clocks.....	—	—	168,773
Cloth, gummed.....	—	—	335,403
Clothes pins.....	—	—	95,639
Clothing, rubber, n.e.s.....	—	—	1,206,798
Clothing, anti-gas.....	—	—	185,347
Clothing, military, not elsewhere specified.....	—	—	—
Clothing, safety.....	—	—	—
Clothing, sport and athletic—	—	—	—
Jackets and blazers, (see "Coats, jackets, etc.").....	—	—	2,508,327
Suits, ski, etc.....	—	—	2,425,780
Slacks.....	—	—	1,017,902
Shorts.....	doz.	103,263	1,701,469
Parkas and hoods.....	—	—	555,167
Other sport clothing.....	—	—	269,362
Clothing, hospital.....	—	—	1,227,834
Clothing, oiled and waterproofed.....	—	—	254,015
Clothing, not specified.....	—	—	—
Coats, boys' and men's—	—	—	—
Boys' overcoats and reefers.....	No.	104,032	959,188
Men's overcoats.....	"	825,557	14,722,534

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1944—Con.

Items	Unit of Measure	Quantity	Value
Coats, boys' and men's— <i>Concluded</i>			\$
Men's and boys' separate jackets, woollen.....	No.	264,177	2,224,033
Men's and boy's separate jackets, other.....	"	26,218	72,309
Coats, and cloaks, women's—			
Woollen.....	No.	1,431,032	27,316,433
Other.....	"	—	109,568
Coats, children's—			
Woollen.....	No.	624,757	4,005,318
Other.....	"	49,761	192,690
Coats, other—			
Jackets and blazers.....	No.	550,553	2,368,374
Windbreakers.....	doz.	151,620	6,357,536
Leather coats and vests, not elsewhere specified.....	"	—	884,318
Mackinaws.....	doz.	19,900	1,448,405
Washable coats, men's and boys'.....	"	5,723	258,849
Rubber and rubberized coats.....	"	15,502	1,050,900
Waterproofed and oiled coats, other.....	"	46,134	4,004,183
Other coats, not specified.....	—	—	1,042,908
Coats, fur—			
Children's.....	No.	386	13,610
Ladies' (coats and capes).....	"	187,822	27,945,274
Men's.....	"	1,165	224,791
Coats, fur-lined.....	"	4,307	246,855
Brunch coats and house coats.....	—	—	250,158
Coat shells and plates.....	—	—	729,939
Cobalt naphthenate.....	—	—	*
Cocoa (made for sale).....	lb.	13,414,160	1,827,231
Cocoa butter—			
Made for own use.....	lb.	7,987,257	—
Made for sale.....	"	3,180,093	967,504
Cocoa and chocolate preparations, not specified (for sale).....	"	2,440,196	623,527
Coffee, roasted.....	"	49,364,881	17,646,331
Coffee substitute.....	"	60,948	9,774
Coffee makers, non-electric.....	—	—	322,518
Coffins.....	No.	7,127	95,530
Coffins, boxes (shells).....	"	78,425	417,263
Coils.....	—	—	*
Coke, gas-house.....	ton	4,017,696	37,780,158
Coke, petroleum.....	"	72,809	518,163
Coke, pitch.....	"	13,789	108,319
Cold storage equipment.....	—	—	37,043
Collars and cuffs, men's.....	—	—	197,271
Collars, fur.....	No.	145,101	1,932,554
Colours, butter, cheese and other.....	—	—	238,148
Colours, dry.....	—	—	1,172,203
Colours, in oil and japan.....	lb.	1,045,017	258,560
Combs.....	—	—	960,288
Comforters—			
Cotton.....	No.	173,255	445,723
Down.....	"	26,283	164,281
Wool.....	"	71,459	339,470
Not specified.....	"	193	1,555
Communication systems, (See Radio communication equipment)			
Compressors, air.....	—	—	2,214,638
Concrete, ready mixed.....	cu. yd.	352,068	2,685,990
Conduit, electrical, rigid iron.....	lb.	17,418,855	1,401,939
Conduit, electrical, flexible.....	—	—	80,464
Conduit fittings.....	—	—	713,940
Conduit, not specified.....	—	—	357,843
Cones, ice cream.....	M	370,229	879,398
Cones and tubes, textile winding.....	—	—	*
Confectionery, chocolate—			
In bulk.....	lb.	20,531,150	6,591,948
In bars.....	doz.	46,642,902	17,774,091
In packages.....	lb.	12,116,386	4,862,437
Confectionery, sugar—			
In bulk.....	lb.	48,427,952	8,373,949
In bars.....	doz.	3,155,299	1,174,470
In packages.....	lb.	7,916,609	2,737,499
Penny goods.....	gr.	1,270,556	1,247,535
Lozenges.....	lb.	887,118	170,905
Confectionery, not specified.....	—	—	446,851
Containers, not specified.....	—	—	419,900

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1944—Con.

Items	Unit of Measure	Quantity	Value.
			\$
Control and starting equipment, not elsewhere specified	—	—	3,316,688
Converter equipment, electrical	—	—	1,967,465
Coolers, milk	—	—	201,284
Cooperage products, not specified	—	—	159,007
Copper alloys	—	—	153,454
Copper carbonate and copper cyanide	—	—	*
Copper naphthenate	—	—	*
Copper products, not specified	—	—	155,232
Cores, for paper rolls	—	—	487,687
Cores, radiator	—	—	272,178
Cores, textile winding	—	—	*
Corn, cracked	lb.	5,895,644	156,093
Corsets, girdles, brassieres, etc.—			
Corsets	doz.	135,296	3,413,420
Combination garments	"	37,107	1,187,242
Bandeaux, brassieres, etc.	"	393,795	2,766,411
Suspender girdles, shoulder straps, etc.	—	—	182,166
Corset steels, and clasps	—	—	194,459
Cotter pins	—	—	*
Cotton fabrics—			
Unbleached or grey	lb.	63,437,015	—
Bleached or white	y.d.	182,515,066	29,341,362
Yarn and stock dyed	lb.	9,176,964	—
Piece dyed	y.d.	38,807,141	5,555,945
Printed and painted	lb.	11,853,952	—
Pillow cotton	y.d.	31,501,906	6,288,998
Cotton and continuous filament, artificial silk mixed	lb.	12,774,992	—
Not specified	y.d.	43,789,209	8,341,166
Counters, shoe	lb.	16,911,430	—
Covering, boiler and pipe, asbestos	y.d.	74,655,392	12,292,715
Covers, canvas	lb.	499,133	—
Covers, couch, table, and other furniture	y.d.	1,259,675	272,808
Covers, mattress	"	2,122,665	912,388
Covers, radiator, tire seat, etc., fabric	"	2,791,390	1,116,547
Covers, not specified	pr.	28,110,465	508,304
Cracklings and fats	sq. ft.	4,308,439	665,074
Crayons, wax and chalk	—	—	8,650,856
Cream curd	—	—	286,773
Cream, sold in dairy factories	—	—	76,363
Cream, whey, sold in dairy factories	—	—	379,128
Cream of tartar, refined	—	—	1,847,247
Cream separators	lb.	71,796,990	2,546,931
Croquet sets	—	—	161,881
Cross arms	—	—	223,559
Crucibles, clay	lb.	19,506,310	14,522,024
Crushers and parts	"	990,612	310,527
Cuffs, fur	"	167,309	140,378
Cultivators	No.	25,834	1,578,891
Cumene	—	—	*
Cups, paper, drinking	—	—	83,070
Curtains, shower	—	—	*
Curtains, window	—	—	*
Curtain material	pr.	16,214	129,623
Curtain rods and fixtures	No.	7,237	88,356
Cushions	—	—	554,691
Cushion forms	—	—	1,918,091
Cushions and mattresses, air and sponge	—	—	*
Cutlery, all kinds	No.	179,387	7,927
Dairy products, not specified	doz.	426	1,722,249
Dairy equipment, not specified	—	—	358,127
Decorations, including party favours, confetti, etc.	—	—	338,052
Dentifrices	—	—	82,885
	—	—	9,702
	—	—	287,182
	—	—	176,556
	—	—	644,441
	—	—	221,874
	—	—	3,656,771

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1944—Con.

Items	Unit of Measure	Quantity	Value
			\$
Dentists' supplies, not elsewhere specified	—	—	217,211
Deodorant	—	—	360,798
Depressors, tongue	—	—	*
Desk sets	—	—	25,902
Dextrine	—	—	*
Dextrose (see "Glucose")	—	—	*
Diamonds (gems)	—	—	*
Diaries, printed, etc.	—	—	91,202
Dibutyl phthalate	—	—	*
Dicyandiamide	—	—	*
Dies, aluminum	—	—	*
Dies, stamping, drawing and cutting	—	—	826,731
Dies, metal working, n.e.s.	—	—	1,597,907
Dies, taps and stocks	—	—	*
Dies, rubber, n.s.	—	—	141,914
Diggers, potato	—	—	*
Dinnerware, china	—	—	*
Diphenylamine	—	—	*
Dises, agricultural	—	—	*
Dish cloths	No.	5,740	1,290,975
Disinfectants	doz.	146,675	84,584
Display forms, and mounting	—	—	699,645
Display stands	—	—	549,413
Distillers' grain	—	—	14,825
Dog collars	—	—	703,661
Doilies, paper, dinner cloths, etc.	No.	154,023	30,054
Dolls of all kinds	—	—	109,031
Dolls' furnishings and parts	doz.	114,073	917,996
Doors, steel rolling, kalomein and hollow metal	—	—	9,116
Dowels	—	—	181,427
Draperies and drapery material	—	—	350,826
Dresses, women's and misses—	—	—	183,623
Cotton (See also "Coats, brunch coats, house coats", etc.)	No.	4,163,067	6,440,472
Artificial silk and mixtures	"	19,945	102,182
Velvet	"	7,310,238	32,059,394
Woollen	"	50,750	605,749
Not specified	"	496,826	4,150,144
Dresses, children's—	—	—	17,221
Cotton	No.	2,907,423	1,839,174
Artificial silk and mixtures	"	1,223,411	1,595,814
Woollen	"	89,960	208,270
Linen	"	300,924	233,920
Not specified	"	50,364	64,728
Dressing gowns, negligees (see "Bathrobes," etc.)	—	—	—
Dressing, salad	lb.	9,790,326	2,274,290
Drilling machines	—	—	733,634
Drills, grain	No.	6,915	1,281,642
Drills, twist and other	—	—	5,031,685
Drills, mining and metallurgical	—	—	1,507,892
Drivers, V-belts	—	—	*
Druggists' sundries—	—	—	—
Hot water bottles	doz.	36,416	201,778
Finger cots and pads	"	34,967	11,279
Nipples and soothers	"	524,899	150,524
Ice caps and collars	"	3,007	15,256
Not specified	—	—	80,836
Drums, veneer and plywood	No.	234,299	224,069
Dyeing, finishing, shrinking, etc.—†	—	—	—
Dyeing and finishing of textiles	yd.	67,369,815	4,354,304
Dyeing and finishing of yarns	—	—	659,031
Dyeing and finishing of other products	—	—	132,858
Bleaching, sponging, etc.	—	—	1,217,810
Dyes, household	—	—	332,692
Dyes and dressing, leather	—	—	497,170
Ear muffs	—	—	*
Eavetrough and pipe	—	—	394,117
Economizers	—	—	*
Egg substitute, including powdered albumen	lb.	191,950	39,947
Eggs, frozen	—	5,380,153	1,478,034

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.
† See footnote on last page.

Alphabetical List of Products Manufactured in Canada, 1944—Con.

Items	Unit of Measure	Quantity	Value
			\$
Eiderdown (see "Woollen cloth")	—	—	3, 105
Elastic products, not elsewhere specified	—	—	302, 597
Electrical heating elements (sold separately)	—	—	4, 287, 363
Electrical apparatus, parts and supplies, not elsewhere specified	—	—	2, 665, 796
Electrical instruments and meters, except ammeters for autos	—	—	10, 639, 779
Electrodes, carbon and graphite	net ton	120, 141	1, 817, 394
Electrotyping and stereotyping	—	—	59, 806
Elevator parts	—	—	1, 187, 629
Elevators, freight and passenger	—	—	147, 746
Embalming fluid	—	—	506, 802
Emblems, badges and medals	—	—	119, 736
Embossing	—	—	618, 700
Embroideries and laces	—	—	1, 271, 868
Embroidery, custom	—	—	269, 317
Enamel frit	lb.	3, 047, 977	4, 716, 872
Enamels, synthetic type	Imp. gal.	1, 558, 401	2, 292, 618
Enamels, oil type	"	914, 234	49, 195
Enamel, not specified	—	—	*
Engines, auto	—	—	11, 902
Engines, auto, parts	—	—	780, 826
Engines, gasoline	—	—	16, 668, 284
Engines, steam	—	—	5, 877, 219
Engines, diesel and other, not specified	—	—	4, 479, 668
Engine and turbine parts	—	—	439, 197
Engraving (trade work)	—	—	4, 311, 291
Ensilage cutters	—	—	3, 075, 401
Envelopes, made	—	—	*
Envelopes, printed	—	—	*
Ethyl acetate	—	—	93, 413
Ethylbenzene	—	—	198, 375
Eveners	No.	3, 775	62, 070
Evaporators, commercial	—	—	187, 299
Excelsior, paper	ton	5, 913	243, 091
Excelsior, wood	—	—	36, 403, 093
Excelsior pads, wrappers, etc.	—	—	3, 157, 211
Explosives	—	—	7, 277, 917
Extracts, flavouring (bakers', confectioners', etc.)	—	—	3, 384, 044
Extracts, flavouring, concentrates, etc. (used for soft drinks)	—	—	3, 879, 110
Fabrics, coated and impregnated, not elsewhere specified	—	—	295, 599
Fabrics, rubberized and waterproofed	—	—	198, 230
Fabrics, not specified	—	—	96, 872
Facial tissues (see "Tissue, cleansing")	—	—	323, 587
Facing and parting, foundry	—	—	2, 676, 757
Fanning mills	No.	10, 674	390, 582
Fans, electric	—	—	1, 138
Fasteners, zipper	—	—	363, 825
Fasteners of all kinds, n.e.s.	—	—	51, 218, 321
Fats, n.s.	—	—	571, 597
Feathers, millinery	—	—	726, 469
Feed, chopped grain	—	—	228, 873
Felt, coated and saturated (fabric)	—	—	3, 327, 176
Felt, cotton, hair and jute	lb.	379, 716	250, 623
Felt, harness and athletic	"	2, 576, 988	71, 087
Felt, for pulp and paper making	—	—	435, 040
Felt, padding	—	—	1, 647, 046
Felt, paper (see "Paper")	—	—	416, 500
Felt, paper (see "Paper")	lb.	155, 318	2, 109, 534
Felt, shoe	—	—	181, 192
Felt, not specified	—	—	364, 380
Fences, electrical, and equipment	—	—	22, 741, 684
Fences, not specified	—	—	*
Fencing, wire	—	—	15, 588, 060
Fencing, chain link	—	—	—
Fencing, snow	—	—	—
Ferro-alloys, (ferro-silicon, ferro-chrome, ferro-manganese, silicon spiegel, spiegeleisen, etc.)	—	—	—
Ferro-phosphorus	ton	541, 608	—
Fertilizers	—	—	—

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1944—Con.

Items	Unit of Measure	Quantity	Value
			\$
Files and rasps.....	—	—	1,363,269
Filing system supplies.....	—	—	1,033,465
Fillers, non-metallic minerals.....	—	—	*
Fillers and flats, egg-case.....	—	—	521,086
Fillings, pie and cake.....	—	—	1,613,136
Film, motion picture.....	—	—	*
Films, photographers'.....	—	—	*
Filters, filter presses, discs, etc.....	—	—	161,767
Fire clay.....	ton	7,630	38,433
Fire extinguishers.....	—	—	1,513,074
Fire fighting and fire protection equipment, not elsewhere specified	—	—	2,837,637
Fireplace furnishings.....	—	—	62,707
Fireworks (see "pyrotechnics")	—	—	—
Fish, canned and otherwise prepared in factories.....	—	—	43,703,973
Fish, fresh, marketed for consumption, sold in factories.....	—	—	25,178,906
Fishing nets.....	—	—	*
Fishing tackle.....	—	—	288,313
Fittings, ship.....	—	—	1,141,251
Fixtures, lighting, exterior.....	—	—	144,056
Fixtures, lighting, interior.....	—	—	3,535,511
Fixtures, lighting, not specified.....	—	—	317,619
Flags and bunting.....	—	—	401,243
Flashlights.....	—	—	—
Flatware, electro-silver plated and sterling.....	—	—	2,220,323
Flax fibre.....	lb.	2,557,824	1,269,679
Flax products.....	—	—	395,369
Floor covering, including oilcloths, etc.....	—	—	—
Flooring, hardwood.....	M ft b.m.	31,574	3,104,792
Floor tile and joists, steel.....	—	—	*
Flotation machines (mining and metallurgical).....	—	—	*
Flour, barley (see "flour and meal")	—	—	—
Flour, buckwheat.....	lb.	1,417,561	45,255
Flour, corn.....	—	3,870,060	143,577
Flour, potato (see "Starch and flour")	—	—	—
Flour, preparations for sausage fillings.....	—lb.	4,425,210	244,811
Flour, prepared, and self-raising.....	—	22,051,740	2,151,908
Flour, soya bean.....	—	3,359,987	279,010
Flour, wheat—	—	—	—
Spring, No. 1 patent.....	bbl.	7,967,469	44,795,445
Spring, No. 2 patent.....	—	6,538,571	35,191,330
Spring, straight.....	—	7,764,872	41,725,024
Ontario winter, straight.....	—	565,335	2,918,602
Feed flour.....	—	159,719	567,782
Low grade flour.....	—	274,091	1,059,334
All other.....	—	1,204,221	6,369,833
Flour, graham or whole wheat.....	lb.	37,410,751	790,172
Flour and meal, barley.....	—	30,635,800	520,175
Flour, rice.....	—	1,186,000	43,296
Flour and meal, rye.....	—	10,133,632	263,511
Flowers, artificial.....	—	—	929,693
Fly pads and paper.....	—	—	310,595
Foil of tin, lead and aluminum.....	—	—	*
Folding, (trade work).....	—	—	92,617
Food drinks, (liquid).....	—	—	3,440,582
Food, fox, dog, etc.—	—	—	—
Fox biscuits.....	ton	1,425	150,617
Dog biscuits.....	—	1,123	173,653
Canned dog food.....	—	59	14,269
Other dog food.....	—	3,059	541,375
Other fox food.....	—	8,279	748,238
Rabbit, turtle and other animal food.....	—	2,602	178,633
Feed, stock.....	—	632,909	29,469,471
Feed, poultry.....	—	590,981	31,124,123
Feed, poultry, stock, etc. ingredients.....	—	1,042	297,795
Food, infant and dietetic.....	—	—	957,467
Food, infants', canned.....	lb.	9,573,196	2,095,650
Food products, not specified.....	—	—	51,775

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1944—Con.

Items	Unit of Measure	Quantity	Value
			\$
Footwear, leather—			
Felt upper—			
Babies'	pr.	15,533	14,161
Boys'	"	54,283	68,966
Children's and misses'	"	81,528	102,893
Men's	"	428,448	682,644
Youths'	"	9,096	14,139
Women's	"	263,136	245,178
Leather or fabric upper—			
Babies'	pr.	2,445,039	2,074,686
Boys'	"	1,535,666	3,294,194
Children's and Misses'	"	4,013,348	5,098,277
Little girls'	"	81,840	114,090
Men's	"	8,078,901	28,861,348
Youths'	"	438,409	745,509
Women's and growing girls'	"	12,684,904	30,316,878
Footwear, shoe packs, larrigans, moccasins, etc.—			
Babies'	pr.	20,509	5,269
Boys'	"	19,539	25,075
Children's and misses'	"	3,760	2,820
Little girls'	"	1,285	1,371
Men's	"	82,215	146,678
Youths'	"	5,029	4,920
Women's and growing girls'	"	40,759	51,280
Not specified	"	6,468	10,743
Footwear, rubber—			
Knee and hip boots, all rubber	pr.	1,194,961	2,393,436
Lumbermen's boots, all rubber	"	1,460,353	2,319,498
Lumbermen's boots, leather tops	"	232,237	917,432
Rubbers, light and heavy, including Jersey storms	"	4,795,893	3,286,927
Overshoes and galoshes, all rubber	"	1,158,506	1,284,820
Overshoes and galoshes, fabric upper	"	2,354,094	4,867,961
Balmorals, rubber soles, fabric tops	"	616,054	565,844
Oxfords, rubber soled, fabric tops	"	1,712,669	1,204,751
Balmorals, rubber soled, leather tops	"	14,306	37,911
Oxfords, rubber soled, leather tops	"	314,813	655,785
Rubber bottoms for leather tops	"	81,338	126,073
Not specified	"	125,673	102,263
Forgings, including drop, shell, etc.	—	—	30,432,311
Forks, farm implements	No.	602,391	452,639
Forms, continuous, printed	—	—	2,841,750
Fountains, soda	—	—	*
Frames and cases, spectacle	—	—	1,289,852
Fringes, cords and tassels	—	—	500,871
Fruit drinks	gal.	262,641	156,242
Fruit juices, canned	lb.	18,695,195	1,328,205
Fruit concentrate (see "Apple and grape, concentrate")	—	—	—
Fruit juices, other	lb.	1,525,798	108,453
Fruit peel, candied	"	3,656,039	747,222
Fruit pulp	"	1,214,768	68,521
Fruits, canned—			
Apples, including crab apples	lb.	12,001,833	823,561
Apricots	"	2,911,354	325,969
Blackberries	"	239,492	30,326
Blueberries	"	530,213	87,365
Cherries	"	3,423,245	461,438
Grapefruit	—	—	*
Loganberries	—	—	*
Peaches	lb.	18,175,416	1,869,866
Pears	"	19,960,379	1,850,926
Pineapple	—	—	—
Plums	lb.	10,316,726	782,777
Raspberries	"	744,671	134,600
Rhubarb	"	1,174,057	77,194
Other fruits, not specified	"	201,938	30,972
Fruits, evaporated, other than apples	—	—	*
Fruits, fountain	lb.	2,306,653	898,361
Fruits, glacés	"	2,767,980	768,531
Fruits, frozen or cold pack, for re-processing	"	12,344,870	1,388,271
Fruits, straight frozen, not for re-processing	"	3,521,318	580,377
Fuel, hog	—	—	151,418

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1944—Con.

Items	Unit of Measure	Quantity	Value
			\$
Funnels, sheet metal.....	—	—	83,562
Fur dressing and dyeing.....	—	—	3,075,468
Fur trimming, remodelling, etc.....	—	—	5,651,337
Furnaces, electrometallurgical.....	—	—	406,655
Furnaces, hot air.....	No.	24,738	2,097,433
Furnaces, not specified, and furnace parts.....	—	—	391,216
Furniture—			
Bedroom.....	—	—	11,431,489
Breakfast room.....	—	—	2,168,789
Dining room.....	—	—	2,731,211
Kitchen.....	—	—	1,529,224
Living room.....	—	—	11,445,719
Other household.....	—	—	3,274,119
Office, steel.....	—	—	939,839
Office and store furniture and fixtures.....	—	—	3,975,277
Other steel.....	—	—	97,866
Children's.....	—	—	1,275,745
School, lodge, church and theatre.....	—	—	1,266,870
Camp, lawn and verandah.....	—	—	339,861
Wicker, fibre, reed and rattan, not specified.....	—	—	27,988
Furniture, not specified, and other cabinet work.....	—	—	2,071,521
Furniture frames and parts.....	—	—	1,445,833
Fuses and fuse wire.....	—	—	1,364,645
Gaiters, spats and leggings.....	—	—	87,867
Galvanized ware.....	—	—	835,385
Games, not specified.....	—	—	1,185,121
Garage equipment, n.e.s.....	—	—	319,207
Gas, made—			
Retort coal gas.....	M cu. ft	4,778,326	—
Coke oven gas.....	—	51,346,077	—
Producer gas.....	—	20,498,555	—
Water gas.....	—	5,605,752	—
Not specified.....	—	108,947	—
Gas sold.....	—	21,101,351	19,392,362
Gas used in heating ovens, retorts or gas plants.....	—	23,133,317	3,780,315
Gas used in associated metallurgical work.....	—	26,861,445	2,387,023
Gas, otherwise accounted for, but not sold.....	—	218,933	54,268
Gas, not accounted for.....	—	2,740,357	957,303
Gas, still, from petroleum refineries.....	—	10,601,455	3,980,636
Gas, pintsch oil.....	—	66,223	654,345
Gasoline.....	Imp. gal.	970,941,172	122,792,541
Gas masks and equipment.....	—	—	122,377
Gates, wire.....	—	—	171,192
Gauges, not specified.....	—	—	2,428,840
Gears, industrial.....	—	—	21,361
Gears, wagon.....	—	—	256,167
Gears, cut tooth and cast tooth.....	—	—	1,320,480
Generators—			
Alternating current.....	No.	6,729	2,861,944
Direct current.....	—	3,164	3,306,605
Generators, engine driven.....	—	—	2,928,578
Generator parts.....	—	—	554,847
Glass, bent.....	—	—	18,322
Glass, bevelled, and polished edge.....	—	—	371,610
Glass, chipped or etched.....	—	—	61,510
Glass, cut.....	—	—	332,915
Glass, fibre.....	—	—	631,980
Glass, leaded, including memorial windows.....	—	—	115,500
Glass, non-shatterable.....	—	—	1,710,163
Glass, pressed, and blown.....	—	—	17,988,095
Glass vials and chemical glassware.....	—	—	404,705
Glass products, other including windshield glass.....	—	—	1,758,415
Gloves and mittens—			
Dress, knitted.....	doz. pr.	312,981	2,134,517
Dress, other.....	—	182,258	1,333,222
Work, knitted.....	—	44,694	129,031
Work, other.....	—	673,344	1,243,855
Knitted, not specified.....	—	1,572	4,895

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1944—Con.

Items	Unit of Measure	Quantity	Value
			\$
Gloves and mittens, leather, dress—			
Men's, lined.....	doz. pr.	86,827	1,106,807
Men's, unlined.....	"	43,224	851,721
Women's and children's, lined.....	"	33,875	283,858
Women's and children's, unlined.....	"	109,249	1,709,947
Gloves and mittens, leather, work—			
Men's, lined.....	"	89,576	685,959
Men's, unlined.....	"	505,893	3,575,535
Boys', lined.....	"	75,324	450,378
Boys', unlined.....	"	15,068	85,326
Gloves and mittens, leather, not specified.....	—	—	216,585
Gloves and mittens, fur and fur-lined.....	—	—	20,118
Gloves, rubber and rubberized.....	doz.	72,785	279,851
Glucose or dextrose.....	—	—	*
Glue (bone, hide, fish and vegetable).....	lb.	36,478,020	3,551,791
Glue stock.....	"	38,702,422	442,203
Gluten feed.....	—	—	*
Glycerine, crude.....	lb.	1,551,569	140,147
Glycerine, refined.....	"	12,159,620	1,758,547
Goggles, sun.....	—	—	*
Gold alloys.....	—	—	1,855,169
Gold, fine.....	—	—	2,173,166
Golf supplies, including golf bags, sticks, heads.....	—	—	30,602
Grains, mixed and re-cleaned.....	—	—	*
Grains, sold wet and dry (breweries).....	ton	97,292	641,814
Granite, cut (building and ornamental).....	—	—	1,914,617
Granules roofing.....	—	—	381,689
Grape concentrate.....	—	—	*
Grape juice.....	gal.	243,883	331,166
Graphite.....	—	—	103,174
Grate bars and grating.....	—	—	202,690
Grease.....	lb.	29,963,836	1,644,268
Grease, lubricating.....	"	1,252,890	187,240
Grills and hot plates, electric.....	No.	42,924	184,932
Grinding machines.....	—	—	533,009
Grinding balls.....	—	—	1,398,655
Guanidine nitrate.....	—	—	*
Gums, unvulcanized.....	lb.	217,740	68,012
Gymnasium supplies, not specified.....	—	—	*
Gypsum blocks.....	—	—	1,332
Hair, animal, raw.....	lb.	7,258,557	1,451,520
Hair goods.....	—	—	191,244
Hair wavers, curlers, pads, etc.....	—	—	90,870
Halters.....	—	—	118,151
Hammocks.....	—	—	47,621
Handkerchiefs.....	doz.	1,218,052	1,088,523
Handles, broom and mop.....	No.	8,844,045	301,106
Handles, long, tool and axe.....	"	3,550,327	670,617
Handles, small tool.....	"	14,346,554	370,204
Handles, n.s.....	—	—	83,721
Hangers, garment.....	—	—	274,375
Hardware, automobile.....	—	—	512,555
Hardware, builders'.....	—	—	3,996,434
Hardware, furniture.....	—	—	565,733
Hardware, harness and saddlery.....	—	—	471,311
Hardware, pole-line.....	—	—	1,098,582
Hardware, not specified.....	—	—	1,677,324
Harness, double.....	set	8,656	390,955
Harness, single.....	"	4,012	115,329
Harness collars.....	No.	104,791	381,819
Harness parts.....	—	—	1,004,307
Harrow.....	No.	26,641	692,686
Harrow parts.....	—	—	*
Hassocks.....	—	—	289,233
Hat blocks.....	—	—	26,285
Hats, cotton—			
Children's.....	doz.	19,085	68,500
Men's.....	"	3,249	35,172
Women's.....	"	18,730	91,075

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1944—Con.

Items	Unit of Measure	Quantity	Value
Hats, fur felt—			\$
Men's.....	doz.	106,550	3,989,666
Women's and children's.....	"	47,528	1,790,967
Hats, wool, felt—			
Men's.....	doz.	54,139	809,874
Women's.....	"	248,664	3,832,341
Children's.....	"	19,892	207,310
Hats, velour felt.....	"	254	7,068
Hats, linen.....	"	422	7,406
Hats, straw—			
Men's.....	doz.	42,414	347,943
Women's.....	"	115,534	2,434,331
Children's.....	"	33,182	129,943
Hats, panama.....	—	—	*
Hats, silk and crepe, women's and children's.....	doz.	12,974	241,197
Hats, velvet.....	"	8,610	162,368
Hats, waterproofed.....	"	3,771	27,653
Hats, not specified—			
Women's.....	doz.	1,226	230,201
Children's.....	"	9,521	85,376
Infant's headwear.....	"	26,102	79,416
Tams, berets, etc.....	—	—	1,084,293
Hats, cleaned and reblocked.....	—	—	15,663
Hat bodies.....	doz.	375,141	2,609,838
Hatters' supplies, incl. hat linings.....	—	—	88,247
Hay loaders.....	No.	2,434	224,664
Hay rakes, dump.....	"	6,462	301,727
Heading, barrel.....	—	—	515,852
Heaters, air, electric.....	No.	15,181	131,328
Heaters, auto and engine.....	—	—	21,423
Heaters, boiler, feed, water.....	—	—	365,822
Heaters, water tank, electric.....	No.	16,101	69,440
Heaters, water tank, gas.....	"	15,960	242,670
Heaters, water tank, cast iron.....	"	16,888	186,025
Heaters, other.....	—	—	19,312
Heaters, electric, unit.....	—	—	1,121,943
Heating and ventilating equipment, not elsewhere specified.....	—	—	3,836,679
Heels, leather and wood.....	pr.	20,923,760	1,764,993
Heels, rubber and composition.....	"	16,588,165	1,124,778
Helmets.....	doz.	29,420	250,609
Hexachlorethane.....	—	—	*
Hides, all kinds.....	—	—	9,341,943
Hockey pucks.....	doz.	13,343	7,978
Hockey sticks.....	—	—	165,568
Hoes, hand.....	No.	297,872	149,961
Hoes, horse and power.....	"	—	12,481
Hoists.....	—	—	103,325
Hollow-ware, sterling silver.....	—	—	280,551
Hollow-ware, and spinnings, aluminum, brass and copper.....	—	—	106,873
Hollow-ware, electro-silver plated.....	—	—	818,613
Hollow-ware, other.....	—	—	19,682
Honey butter.....	—	—	12,330
Hooks, eyes, notions, etc., not elsewhere specified.....	—	—	82,815
Hoops, wooden.....	M	2,346	49,331
Hoops, steel.....	—	—	140,607
Hoops, bands and strips, hot and cold rolled (sold).....	net ton	16,179	1,800,213
Horseshoes, prepared.....	lb.	185,997	64,683
Horseshoes.....	—	—	284,118
Hose, fire, unlined, linen.....	—	—	*
Hose, rubber.....	—	—	3,729,377
Hosiery—			
Cotton and cotton mixtures—			
Men's, seamless—			
Work socks.....	doz. pr.	277,713	667,033
Fine socks.....	"	433,059	1,206,233
Other, (anklets, sports, etc.).....	"	72,891	181,699
Women's, seamless—			
Full length stockings.....	doz. pr.	593,730	1,667,329
Other (anklets, sports, etc.).....	"	457,760	843,676
Children's, seamless—			
Full length stockings.....	doz. pr.	210,545	478,052
Golfers.....	"	159,075	383,205
Other.....	"	546,584	781,098

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1944—Con.

Items	Unit of Measure	Quantity	Value
			\$
Hosiery—Cotton and cotton mixtures— <i>Concluded</i>			
Full fashioned, (all types).....	doz. pr.	147,451	962,916
Silk and silk mixtures, chiefly full fashioned.....	"	5,264	37,044
Rayon and rayon mixtures—			
Men's, seamless.....	doz. pr.	45,688	172,494
Women's, seamless.....	"	885,759	4,075,443
Children's, seamless.....	"	175,659	340,219
Full fashioned.....	"	1,844,102	12,479,108
Other, (anklets)—			
Women's.....	doz. pr.	23,557	33,054
Children's.....	"	14,263	20,681
Wool and wool mixtures—			
Men's, seamless—			
Work socks.....	doz. pr.	687,588	2,868,707
Fine socks.....	"	681,500	3,194,520
Other.....	"	87,602	346,684
Women's, seamless—			
Full length stockings.....	doz. pr.	128,215	637,056
Other (anklets etc.).....	"	107,973	336,109
Children's, seamless—			
Full length stockings.....	doz. pr.	287,599	985,372
Golfers.....	"	113,879	490,360
Other (4 length, anklets, etc.).....	"	126,672	329,667
Full fashioned (all types).....	"	155,131	1,075,124
Hosiery, not specified.....	"	176,946	461,291
Houses, pre-fabricated.....	—	—	*
Humidifiers and air conditioners.....	—	—	18,660
Hydrants.....	—	—	138,741
Hydrogen.....	cu. ft.	47,034,825	221,545
Hydrogen chloride.....	—	—	*
Hydrogen peroxide.....	—	—	*
Ice, artificial.....	ton	650,692	2,938,912
Ice cream (factory).....	gal.	15,396,107	18,686,399
Ice cream mix.....	"	1,256,041	1,341,963
Ice cream sundries.....	—	—	81,507
Icings and icing paste.....	lb.	417,493	95,296
Ignition coils, etc.....	—	—	358,113
Implements, hand, not specified.....	—	—	*
Incense.....	—	—	6,940
Incubators and other poultrymen's supplies.....	—	—	574,529
Infant's wear, not specified.....	—	—	1,365,279
Ingots, brass, bronze, etc. (see "bars and ingots")	—	—	—
Ingots, steel and alloy—			
Quantity made.....	net ton	2,873,868	—
Quantity sold.....	"	33,607	2,626,102
Ink, printing and lithographing.....	lb.	10,432,495	3,582,309
Ink, writing.....	"	1,517,550	448,279
Ink, not specified.....	—	—	191,191
Insecticides.....	—	—	2,376,639
Instruments, scientific, n.e.s.....	—	—	69,668,089
Insulating materials, n.e.s.....	—	—	197,745
Insulators, porcelain and insulator parts.....	—	—	1,157,680
Iron, pig—			
Quantity made.....	net ton	1,852,628	—
Quantity sold.....	"	400,010	8,641,495
Ironers, electric.....	—	—	326,101
Irons, gasoline.....	—	—	*
Iron work, ornamental and architectural.....	—	—	1,563,697
Ironing boards.....	—	—	51,885
Jacks, auto, and other not specified.....	—	—	*
Jams.....	lb.	77,965,332	9,740,051
Javelle water.....	—	—	1,314,733
Jellies.....	lb.	4,484,313	600,049
Jewellery.....	—	—	8,728,689
Jig fixtures.....	—	—	2,028,961
Jute, jute paddings and jute yarn.....	—	—	574,548

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1944—Con.

Items	Unit of Measure	Quantity	Value
			\$
Kapok.....	—	—	*
Kegs, beer.....	—	—	*
Kegs, fish.....	—	—	*
Kegs, nail, etc.....	No.	13,981	25,759
Kerosene.....	—	1,313,635	394,788
Kitchen equipment for hotels, cafeterias, etc.....	Imp. gal.	28,177,113	3,269,648
Kitchenware, aluminum.....	—	—	1,304,588
Kitchenware, other.....	—	—	431,836
Knitted fabrics.....	—	—	1,853,013
Knitted goods, miscellaneous—	—	—	1,818,608
Infants' jackets, booties, etc.....	—	—	1,429,122
Hoods, caps and toques.....	—	—	523,928
Knives, machine.....	—	—	444,721
Knives, army and other.....	—	—	190,996
Labels, gummed.....	—	—	*
Labels, fabric.....	—	—	385,400
Laces, shoe, silk and cotton.....	—	—	750,066
Laces, shoe, leather.....	doz. pr.	41,674	22,405
Laces, corset.....	—	—	23,574
Lacquers, cellulose.....	Imp. gal.	1,082,793	4,722,281
Lacrosse sticks.....	—	—	*
Lactose (see "sugar of milk").....	—	—	*
Ladders, step, extension, etc.....	—	—	169,058
Ladders, other.....	—	—	*
Lamps, incandescent, except therapeutic.....	No.	58,820,147	5,971,387
Lamps, fluorescent.....	—	730,535	346,691
Lamps, table and floor.....	—	—	833,362
Lamp shades and wire frames.....	—	—	944,436
Lamp stands and lamp bases.....	—	—	272,088
Lamps and lanterns, railway, marine, etc.....	—	—	446,457
Lard.....	lb.	116,870,812	15,044,446
Lasts, trees and shoe findings, not elsewhere specified.....	—	—	486,219
Lathes, metal-working.....	—	—	2,885,557
Lath, metal.....	—	—	212,396
Lath, wood.....	—	—	654,510
Lead naphthenate.....	—	—	*
Lead, refined.....	—	—	*
Lead, red.....	lb.	33,482,929	1,912,529
Lead, white, dry.....	—	—	*
Lead, white, in oil.....	lb.	5,658,093	449,824
Lead, sheet.....	"	8,432,535	703,705
Lead products, n.s.....	"	4,693,205	389,081
Lead for pencils.....	—	—	1,061,531
Leather.....	—	—	70,514
Belting.....	lb.	838,591	756,664
Bookbinder's.....	—	—	*
Bag, garment, pocket book, trunk, etc.....	sq. ft.	32,100,112	7,032,411
Harness.....	lb.	3,412,531	1,482,306
Lace.....	"	121,218	109,119
Oil tanned, shoepack.....	"	112,606	29,142
Sole—	—	—	—
Chrome.....	lb.	315,997	144,550
Oak.....	"	30,306,200	12,774,920
Splits and other.....	—	—	132,109
Upholstering.....	—	—	*
Upper leather—	—	—	—
Calf skins.....	sq. ft.	16,058,581	6,049,835
Cattle and horse hides.....	"	34,194,161	9,008,508
Chrome splits.....	"	10,455,535	1,222,433
Goat skins.....	"	1,327,327	339,877
Sheep skins.....	"	3,070,853	439,867
Wax splits.....	"	734,989	144,331
Other leather, not specified.....	—	—	1,571,851
Leather splits, not specified.....	—	—	1,110,514
Leather, artificial, n.e.s.....	—	—	719,194
Leather goods, not specified.....	—	—	293,941
Lenses, optical.....	—	—	1,453,234
Life buoys, jackets, belts, etc.....	—	—	1,099,522
Lighter fluid.....	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1944—Con.

Items	Unit of Measure	Quantity	Value
			\$
Lighters, cigarette, and parts.....	—	—	994, 066
Lightning arresters, n.e.s.....	—	—	186, 063
Lightning rods and supplies.....	—	—	103, 363
Lime, grey acetate.....	lb.	10, 349, 950	282, 813
Lime, hydrated.....	ton	146, 940	978, 765
Lime, quick.....	—	768, 314	6, 070, 796
Limestone.....	—	—	149, 656
Lime material incl. overhead trolley.....	—	—	—
Linings, brake, asbestos.....	ft.	6, 484, 637	1, 916, 448
Linings, glove, shoe, etc.....	—	—	958, 973
Linings, not specified.....	—	—	126, 089
Litharge.....	—	—	*
Lithographing (see "Printing").....	—	—	—
Locomotives, new.....	—	—	*
Locomotive and car parts.....	—	—	5, 371, 803
Lubricating and filtration systems.....	—	—	*
Lumber, matched.....	M ft. b.m.	140, 214	8, 527, 100
Lumber, planed.....	"	1, 202, 336	50, 478, 874
Lumber, sawn.....	—	—	137, 412, 659
Lumber, not specified.....	—	—	206, 861
Lye.....	—	—	*
Macaroni and spaghetti, canned.....	lb.	12, 003, 714	957, 238
Macaroni, vermicelli, spaghetti, etc.....	"	45, 356, 929	2, 535, 610
Machinery—			
Accounting machines.....	—	—	660, 566
Adding and other calculating.....	No.	2, 651	285, 511
Bakers' mixing.....	—	—	225, 244
Bakers', not elsewhere specified.....	—	—	191, 261
Boring (metal-working).....	—	—	*
Bottlers.....	—	—	59, 150
Canning and parts.....	—	—	1, 171, 454
Cheese factory.....	—	—	28, 447
Chlorinating.....	—	—	*
Cleaning and pressing.....	—	—	*
Coal handling and coal pulverizing.....	—	—	*
Concrete and cement making.....	—	—	207, 109
Dairy.....	—	—	796, 936
Conveyors.....	—	—	75, 154
Elevating and conveying.....	—	—	2, 133, 683
Flax mill.....	—	—	*
Flour and grist mill, not elsewhere specified.....	—	—	69, 985
Grain grinding, cleaning, etc.....	—	—	575, 547
Grain elevator.....	—	—	708, 516
Harvesting (pick-ups).....	—	—	*
Hoisting, except mine hoists.....	—	—	7, 337, 844
Kitchen and other household.....	—	—	254, 137
Laundry.....	—	—	893, 288
Leather-working, not elsewhere specified.....	—	—	381, 726
Logging.....	—	—	*
Lumber and shingle drying.....	—	—	*
Metal-working, not elsewhere specified.....	—	—	344, 115
Metering equipment.....	—	—	*
Milking.....	—	—	1, 570, 624
Milling (Metal-working).....	—	—	406, 062
Mining and metallurgical, and parts, not elsewhere specified.....	—	—	1, 667, 285
Office, not elsewhere specified.....	—	—	921, 553
Oil refining.....	—	—	*
Printing.....	—	—	21, 145
Pulp and paper.....	—	—	1, 998, 433
Refrigerating.....	—	—	312, 916
Road and excavating.....	—	—	1, 573, 741
Rolling mill.....	—	—	*
Rubber mill.....	—	—	810, 683
Sawing, band.....	—	—	57, 090
Saw, and planing mill.....	—	—	1, 104, 175
Sewing.....	—	—	*
Ships' and fittings.....	—	—	10, 630, 138
Syrup-making.....	—	—	*
Textile machinery, not elsewhere specified.....	—	—	237, 088
Transmission.....	—	—	1, 190, 298

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1944—Con.

Items	Unit of Measure	Quantity	Value
<i>Machinery—Concluded</i>			\$
Vulcanizing.....	—	—	*
Washing machines—			
Electric.....	No.	22,967	1,467,458
Hand and other.....	—	12,286	292,275
Water softening equipment.....	—	—	*
Wood-working machinery, n.e.s.....	—	—	264,322
Other not specified.....	—	—	7,146,895
Machinery parts, not specified.....	—	—	223,578
Magnesia, fused.....	—	—	157,997
Magnesium carbonate and stearate.....	—	—	*
Malt, made for sale.....	ton	167,765	10,439,649
Malt flour.....	lb.	2,462,882	176,644
Malt extract and syrup.....	—	—	1,533,247
Malt, coomings and sprouts.....	ton	6,068	131,920
Malt, caramel.....	—	—	198,955
Manganese naphthenate.....	—	—	*
Mantles, lamp.....	—	—	*
Manure spreaders.....	No.	4,066	567,910
Maple butter.....	—	—	*
Maps.....	—	—	305,529
Marble chips and dust.....	—	—	23,815
Marble, cut and polished.....	—	—	371,441
Marine and fishermen's supplies.....	—	—	78,866
Marmalades.....	lb.	24,436,253	2,888,424
Match splints and blocks.....	—	—	2,066,880
Matchers, (wood-working).....	—	—	*
Matches.....	—	—	2,619,234
Mats and matting, cocoa.....	—	—	*
Mats and matting, rubber.....	—	—	69,342
Mattresses.....	No.	992,179	8,181,814
Meal, alfalfa.....	ton	26,943	782,087
Meal, barley.....	"	60,379	2,153,059
Meal, oilcake, coconut.....	—	—	*
Meal, corn.....	lb.	16,620,270	594,956
Meal, linseed and flax.....	—	—	179,825
Meal, oilcake, linseed.....	ton	66,750	2,585,634
Meal, cereal grass.....	—	—	*
Meal, pea.....	lb.	209,100	8,702
Meal, rice.....	ton	2,777	72,260
Meal, soybean.....	—	—	364,745
Meal, other.....	—	—	*
Meats, canned—			
Poultry.....	lb.	795,527	575,632
Meats, other.....	"	87,344,513	23,576,961
Meats, cooked, all kinds.....	"	39,129,929	12,221,179
Meats, cured—			
Bacon and sides.....	lb.	577,067,363	132,350,833
Beef, salted and cured.....	"	5,246,088	951,624
Hams.....	"	57,554,535	15,780,283
Pork, salted.....	"	152,806,317	32,535,804
Shoulders.....	"	55,809,876	13,317,559
Other.....	"	37,175,071	8,665,440
Meats, sold fresh—			
Beef.....	lb.	674,612,766	129,744,517
Fancy meats, not specified.....	"	28,984,122	2,907,453
Mutton and lamb.....	"	43,718,297	9,885,405
Pork.....	"	249,841,948	49,740,936
Veal.....	"	73,232,029	14,138,862
Other.....	"	11,854,182	997,120
Medicinal and pharmaceutical preparations—			
Standard.....	—	—	9,665,962
Specialties registered as patent medicines.....	—	—	9,413,267
Specialties sold with ingredients declared.....	—	—	14,074,334
Vitamins, all kinds.....	—	—	7,083,658
Other.....	—	—	866,936
Metal products, not specified.....	—	—	134,004
Meter parts.....	—	—	27,791
Meters, gas.....	—	—	115,935
Meters, gasoline.....	—	—	*
Meters, water.....	—	—	309,999
Methyl hydrate, crude and refined.....	—	—	537,757

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1944—Con.

Items	Unit of Measure	Quantity	Value
			\$
Mica products.....	—	—	246,721
Milk, sold in dairy factories.....	gal.	116,498,904	47,413,469
Milk, buttermilk, sold.....	—	—	581,603
Milk, buttermilk, condensed.....	lb.	286,148	10,603
Milk, condensed.....	"	31,869,968	3,873,531
Milk, condensed, skim.....	"	4,147,793	325,074
Milk, evaporated.....	"	180,738,984	13,986,303
Milk, skim.....	—	—	213,567
Milk, skim, evaporated.....	lb.	1,851,863	73,935
Milk products, not specified.....	—	—	157,889
Milk drinks (see "food drinks").....	—	—	—
Military web equipment.....	—	—	3,042,569
Military and navy equipment, not specified.....	—	—	37,529,932
Milling cutters.....	—	—	935,681
Mincemeat.....	lb.	4,592,421	564,947
Mine props, wedges, etc.....	—	—	105,219
Mirrors.....	—	—	2,128,689
Molasses.....	lb.	59,219,894	810,379
Monoethylamine.....	—	—	*
Monuments, lettered only.....	—	—	228,169
Monuments, not specified.....	—	—	21,304
Mops—			
Floor.....	doz.	156,319	597,438
Dust.....	"	23,228	171,951
Dish.....	"	27,897	25,447
Other, not specified.....	—	—	57,637
Mosquito netting, bars, etc.....	—	—	6,144
Motion pictures (positive films processed).....	ft.	54,694,049	3,161,990
Motors, electric, A.C. and D.C. (except starting motors).....	No.	250,566	11,277,699
Motors, other, and parts.....	—	—	1,034,601
Moulders, wood-working.....	—	—	39,655
Mouldings.....	—	—	2,449,448
Moulds for bakelite and rubber.....	—	—	*
Mounting (trade work).....	—	—	78,506
Mowers, hay.....	No.	9,448	852,560
Mowers, lawn.....	—	—	*
Mucilage.....	lb.	221,210	99,691
Muffs, fur.....	No.	32,256	573,023
Muff beds and cloth muffs.....	—	—	172,944
Munitions and other war supplies.....	—	—	728,575,905
Music, printed.....	—	—	64,482
Musical instruments and parts, not elsewhere specified.....	—	—	214,804
Mustard, dry.....	—	—	70,875
Mustard, prepared.....	gal.	784,951	778,856
Mustard compound.....	lb.	215,218	26,897
Nails, and spikes, cut from plate—			
Quantity made.....	keg.	19,180	—
Quantity sold.....	"	17,663	134,492
Nails, tacks and brads, wire—			
Quantity made.....	"	1,298,456	—
Quantity sold.....	"	1,335,194	5,250,604
Nails, horseshoe and other, n.e.s.....	—	—	184,467
Napkins, paper.....	—	—	784,426
Naphtha V.M. and P. or solvent.....	Imp. gal.	27,620,539	3,316,864
Neckties.....	doz.	764,913	4,220,380
Neckwear, women's.....	"	171,512	798,075
Neck pieces, fur.....	No.	40,154	1,072,676
Needles, knitting machine.....	—	—	*
Needles, knitting and other.....	—	—	485,444
Nets and nettings.....	—	—	*
Nickel salts.....	—	—	*
Nickel-silver, not elsewhere specified.....	—	—	*
Night dresses—			
Cotton and flannelette.....	doz.	92,764	767,466
Silk and artificial silk.....	"	59,551	1,191,699
Night dresses, woven and knitted.....	"	12,211	200,629
Nightshirts.....	"	9,777	102,022
Nitrogen.....	—	—	96,981
Nitro-guanidine.....	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1944—Con.

Items	Unit of Measure	Quantity	Value
			\$
Nitrous oxide.....	—	—	*
Non-ferrous alloys, not elsewhere specified.....	—	—	84,319
Novelties, advertising and other, not specified.....	—	—	925,322
Novelties, printed.....	—	—	750,719
Nuts, salted, etc.....	lb.	305,958	367,196
Oars and paddles.....	—	—	140,945
Oats, rolled.....	ton	62,207	4,740,323
Oatmeal.....	"	28,257	1,802,952
Offal, not specified.....	—	73,780	2,546,521
Oil burners and parts.....	—	—	117,176
Oil cake, not specified.....	—	—	*
Oil cloth, other than floor.....	—	—	*
Oil, aniline.....	—	—	*
Oil, coconut, crude and processed.....	—	—	*
Oil, cooking, blended.....	—	—	*
Oil, core.....	—	—	292,845
Oil, corn, crude.....	—	—	*
Oil, corn, refined.....	—	—	*
Oil, cottonseed.....	lb.	2,819,530	432,629
Oil, creosote and other.....	gal.	11,033,642	1,765,937
Oil, engine and tractor distillate.....	Imp. gal.	42,125,832	4,016,923
Oil, fuel, diesel.....	—	92,022,239	5,094,052
Oil, fusel (sold).....	—	—	134,603
Oil, gas and light fuel oil—			
For own use.....	"	45,223	2,982
For sale.....	"	117,459,777	6,902,795
Oil, residual—			
For own use.....	"	101,424,680	4,609,437
For sale.....	"	561,755,157	26,899,271
Oil, lard.....	lb.	2,140,235	305,080
Oil, linseed, boiled.....	gal.	1,248,113	954,225
Oil, linseed, raw.....	—	—	4,437,977
Oil, linseed, special.....	—	—	2,920,980
Oil, lubricating.....	gal.	47,769,440	11,922,254
Oil, neatsfoot.....	lb.	712,478	123,732
Oil, oleo.....	"	3,478,527	384,761
Oil, palm.....	—	—	*
Oil, peanut, processed.....	—	—	*
Oil, soybean.....	lb.	3,569,656	511,004
Oil, light, n.e.s.....	Imp. gal.	2,741,446	841,681
Oil, salad, blended.....	—	—	*
Oil, stand blown, enamel, etc.....	—	—	203,683
Oil, stove.....	Imp. gal.	28,438,461	1,730,625
Oils, sulphonated, textile oils, and other textile chemicals.....	—	—	2,003,211
Oil, sunflower seed.....	—	—	808,689
Oils, other, not specified.....	—	—	2,134,376
Olives, bottled, etc.....	gal.	342,515	1,437,224
Organs, pipe.....	—	—	144,036
Organs, other, and parts.....	—	—	103,946
Ornaments, not specified.....	—	—	196,212
Ovens, commercial, cooking.....	—	—	311,852
Ovens, industrial.....	—	—	15,268
Overalls—			
Men's.....	doz.	365,864	6,398,728
Children's.....	"	175,817	1,108,441
Women's and misses', not specified.....	"	22,107	243,695
Overall coats, smocks, dusters etc.....	"	63,179	1,264,011
Oxygen.....	cu. ft.	614,110,740	4,568,371
Packing, asbestos.....	—	—	203,884
Packing, rubber.....	lb.	1,118,559	307,421
Packing, not specified.....	—	—	469,599
Packing house by-products.....	—	—	144,106
Pads, couch.....	No.	17,356	91,496
Pads, electric, heating.....	"	44,941	142,682
Pads, stamp.....	"	43,488	40,253
Pads, stair.....	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1944—Con.

Items	Unit of Measure	Quantity	Value
			\$
Pads, sweat.....	—	—	193, 805
Pads and padding, not specified.....	—	—	554, 593
Pails, paper.....	No.	16, 823, 533	129, 467
Pails and tubs, wooden.....	—	—	789, 544
Painting equipment, not specified.....	—	—	909, 912
Paint, varnish and enamel removers.....	—	—	251, 715
Paints, mixed, ready for use.....	Imp. gal.	9, 456, 321	22, 071, 110
Paints, cold water.....	lb.	15, 884, 678	1, 231, 177
Paints, paste.....	—	6, 498, 023	866, 687
Paints, varnishes and cements, coal tar.....	—	43, 724	31, 438
Paints and enamels, not specified.....	—	—	758, 250
Panel boards and cabinets.....	—	—	402, 548
Pants, men's—			
Woollen.....	No.	2, 179, 294	10, 777, 817
Other.....	—	255, 089	636, 087
Pants and bloomers, boys'—			
Woollen.....	No.	592, 260	1, 050, 583
Other.....	—	769, 752	726, 919
Pants and breeches, working—			
Cotton.....	doz.	280, 113	5, 090, 349
Woollen and mixtures.....	—	103, 444	3, 473, 395
Pants, sport.....	No.	5, 769	15, 961
Pants, baby, rubber.....	—	—	312, 822
Pants, rubberized and oiled.....	—	—	51, 023
Paper—			
Adding machine and cash register.....	—	—	255, 700
Asbestos.....	—	—	76, 388
Blotting, clay coated and enamelled.....	—	—	*
Blue print and photostat.....	—	—	589, 707
Book.....	s. ton	59, 596	8, 221, 642
Box cover, coloured.....	—	—	408, 646
Writing, pads, tablets, etc.....	—	—	1, 025, 004
Building and roofing paper—			
Asphalt saturated rag, asbestos and solka felt shingles....	sq.	1, 089, 116	5, 477, 575
Asphalt saturated rag, asbestos and solka felt sidings....	—	464, 278	195, 078
Mineral surfaced rag, asbestos and solka felt roofing.....	—	1, 019, 001	2, 504, 912
Smooth surfaced rag, asbestos and solka felt roll roofing....	—	1, 208, 506	1, 937, 145
Tar and asphalt saturated rag, asbestos and solka felts, not coated.....	ton	25, 003	1, 571, 484
Tar and asphalt saturated and coated sheathings and felts	—	11, 464	774, 816
Paper and felt building and roofing, untreated.....	—	2, 006, 950	170, 067
Other felts and sheathings.....	—	6, 038	287, 560
Building papers.....	—	50, 879	3, 017, 412
Carbon.....	ream	137, 961	1, 309, 352
Cigarette tubes and paper.....	—	—	*
Coated paper and board, other, n.e.s.....	lb.	17, 502, 801	1, 776, 372
Corrugated.....	—	—	436, 575
Creped or crinkled.....	lb.	1, 272, 476	317, 777
Fabric.....	—	—	*
Fine.....	s. ton	66, 963	12, 922, 854
Foolscap, not elsewhere specified.....	—	—	84, 227
Friction or flint glazed.....	—	—	*
Gummed (in sheets).....	—	—	*
Special industrial.....	s. ton	8, 262	1, 099, 260
Lining, pan, shelf, etc.....	—	—	519, 900
Parchment.....	—	—	1, 126, 057
Oiled.....	—	—	87, 857
Paper napkins and doilies (see "Napkins" and "Doilies")			
Newsprint paper—			
In sheets, for printing.....	s. ton	81, 890	5, 201, 823
In rolls, for printing.....	—	2, 912, 261	158, 424, 641
Side runs for pulping.....	—	44, 530	1, 959, 807
Counter rolls.....	—	—	*
Other.....	s. ton	18, 872	1, 072, 321
Printing and specialty paper, groundwood.....	—	27, 292	2, 446, 408
Safety paper, for cheques, etc.....	—	—	416, 683
Sanitary.....	s. ton	37, 200	4, 326, 112
Tissue, converted.....	—	1, 205	284, 520
Tissue, other than sanitary.....	—	1, 312	2, 065, 658
Toilet, converted.....	cases	775, 404	3, 493, 534
Towels, paper (see "Towels")			

NOTE.—The asterisk (*) indicates that the commodity was reported by only one of two concerns.

Alphabetical List of Products Manufactured in Canada, 1944—Con.

Items	Unit of Measure	Quantity	Value
<i>Paper—Concluded</i>			\$
Typewriter, not elsewhere specified.....	ream	147,346	102,359
Wall paper.....	—	—	*
Waterproofed, other than waxed, n.e.s.....	—	—	*
Waxed, all kinds.....	lb.	25,962,929	3,531,441
Wrapping paper—			
Manila.....	—	—	*
Kraft, basic stock.....	—	—	*
Sulphite.....	s. ton	120,227	11,715,016
Miscellaneous furnishes.....	"	14,261	1,957,149
Wrapping, special.....	"	13,606	1,386,015
Paper, miscellaneous, not elsewhere specified, converted.....	—	8,627	1,641,483
Paper goods, including papereries.....	—	—	329,956
Paper board—			1,267,530
Box board.....	s. ton	310,980	19,936,809
Building, rigid insulating.....	"	53,051	4,490,849
Building, other.....	"	17,780	1,922,990
Container chip.....	"	6,669	284,431
Corrugating board.....	"	80,493	5,106,671
Liners, n.s.....	"	139,912	9,169,795
Mounting board.....	—	—	*
Clay coated and enamelled.....	—	—	*
Coated, other, not specified.....	—	—	1,669,554
Silicated.....	—	—	*
Wallboard and building board, not elsewhere specified.....	—	—	*
All other board and paper, not specified.....	—	—	1,014,105
Parachutes and parachute equipment.....	—	—	6,706,517
Paste, adhesive.....	lb.	5,480,483	365,529
Paste, fish, meat and chicken.....	"	3,394,681	1,087,137
Paste, flavouring.....	—	—	*
Paste, tooth (see "Dentifrices").....	—	—	*
Patterns and models, foundry and other, wood and metal.....	—	—	1,191,464
Patterns, paper.....	—	—	701,992
Patterns, shoe.....	—	—	14,575
Peanut butter.....	No.	41,983	1,943,358
Peanuts, roasted and salted (for sale).....	lb.	12,124,184	4,510,771
Peas, split.....	"	13,655,516	402,908
Peavies, cant hooks and pike poles.....	—	4,948,288	172,547
Pectin, (see also Apple juice concentrate).....	—	—	87,618
Pencils, ordinary lead.....	doz.	5,314,596	1,063,009
Pencils, checking, etc.....	"	359,736	77,799
Pencils, adjustable lead.....	"	315,793	566,681
Pencils, other.....	"	52,164	28,058
Pennants.....	—	—	46,343
Pens, fountain.....	doz.	165,653	2,601,742
Pen parts, pen holders and nibs.....	—	—	233,932
Perchlorethylene.....	—	—	*
Perfumes.....	—	—	1,765,149
Periodicals, printed by publishers—			
Newspapers, daily—			
Gross revenue from advertising.....	—	—	30,739,900
Subscriptions and sales.....	—	—	18,736,763
Newspapers, weekly and other—			
Gross revenue from advertising.....	—	—	6,809,024
Subscription and sales.....	—	—	5,573,901
Magazines and other bound periodicals—			
Gross revenue from advertising.....	—	—	5,829,963
Subscriptions and sales.....	—	—	2,831,434
Petroleum derivatives used in synthetic rubber.....	gal.	25,337,760	2,997,457
Phenol.....	—	—	*
Phonograph records.....	—	—	*
Phosphorus.....	—	—	*
Photo-engraving.....	—	—	3,387,961
Photographic materials, not elsewhere specified (including photo paper).....	—	—	1,664,175
Photography (commercial).....	—	—	241,244
Phthalic anhydride.....	—	—	*
Pianos—			
Grand.....	No.	34	18,356
Upright.....	"	2,495	566,586
Not specified.....	—	—	2,660
Pianos in process of manufacture.....	No.	655	40,027

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1944—Con.

Items	Unit of Measure	Quantity	Value \$
Piano strings and other parts.....	—	—	160,382
Pickets.....	M	16,665	242,546
Pickles, relishes and sauces.....	gal.	3,161,949	4,862,752
Pictures, framed.....	—	—	568,071
Picture and mirror frames.....	—	—	564,233
Pies, cakes and pastry.....	—	—	44,482,880
Piling, sheet.....	—	—	—
Pillowcases, bureau runners, scarves, etc.....	—	—	853,139
Pillows.....	No.	460,903	561,431
Pins, plain, and hair pins.....	—	—	707,886
Pipe and fittings, brass, bronze and copper.....	—	—	71,473
Pipe and fittings, cast iron, soil.....	s. ton	15,255	1,217,351
Pipe and fittings, cast iron, other.....	“	34,748	3,064,997
Pipe, lead.....	lb.	5,548,720	492,340
Pipe and fittings, malleable iron.....	s. ton	7,134	2,618,700
Pipe, sewer, clay.....	—	—	1,227,363
Pipe, sewer and culvert, cement.....	—	—	989,444
Pipe, culvert, n.e.s.....	—	—	239,899
Pipe, steel rivetted and welded.....	—	—	115,571
Pipe and fittings, steel, n.e.s.....	—	—	14,410,097
Pipe and tubing, copper.....	—	—	3,347,354
Pipes, wooden.....	—	—	607,572
Pipes, wrought iron, and fittings.....	—	—	347,522
Pipes, other.....	—	—	*
Pipes, tobacco.....	—	—	122,440
Pipe (tobacco) cleaners.....	—	—	*
Piston rings, automobile.....	No.	29,886,255	3,151,023
Pistons, automobile, and piston pins.....	—	—	*
Pitch.....	ton	81,596	1,386,180
Planers, metal working.....	—	—	*
Planing, custom.....	—	—	1,977,467
Planters, corn.....	No.	1,871	147,973
Planters, potato and other.....	—	—	*
Plastics, moulded (see "Synthetics").....	—	—	3,300,576
Plate and tankwork, steel, miscellaneous.....	lb.	64,363,473	11,829,798
Plates, sheets and strips, brass, copper, etc.....	—	—	27,372,433
Plates and flats, iron and steel.....	—	—	493,144
Plates, license, name, etc.....	—	—	193,343
Plates and spoons, paper.....	—	—	549,327
Platinum, refined, and other platinum products.....	—	—	2,189,680
Ploughs and parts.....	—	—	199,901
Ploughs, snow.....	—	—	153,087
Plugs, wooden.....	—	—	3,418,543
Plumbers' supplies, not elsewhere specified (brass, copper, etc.)..	—	—	14,891,834
Plywood.....	M sq. ft.	250,729	186,187
Poison, gopher and rat.....	—	—	7,045
Poles, wooden and other, n.s.....	—	—	277,060
Polish, furniture.....	—	—	195,408
Polish, metal.....	—	—	1,699,669
Polish, shoe.....	—	—	107,818
Polish, stove.....	—	—	3,559,001
Polishes and waxes, floor.....	—	—	88,433
Polishes and dressings, automobile.....	—	—	30,127
Polishes and dressings, leather.....	—	—	44,967
Polishes and dressings, not specified.....	—	—	12,258
Polishers, floor, electric and other.....	lb.	1,687,803	512,220
Popcorn.....	—	—	309,155
Post-cards, printed.....	No.	1,065	270
Posts, wooden.....	—	—	202,546
Posts, steel.....	—	—	*
Potassium chlorate and perchlorate.....	—	—	*
Potato chips (factory made).....	lb.	2,154,709	830,934
Pot holders.....	—	—	7,746
Pot scourers.....	—	—	77,412
Pottery, glazed and unglazed.....	—	—	838,544
Pottery from imported clay.....	—	—	*
Poultry, canned (see "Meats canned").....	—	—	*
Poultry, sold fresh.....	lb.	33,552,967	10,666,592
Powder, baking.....	“	11,403,739	1,908,381
Powder, buttermilk.....	“	5,484,073	466,913

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1944—Con.

Items	Unit of Measure	Quantity	Value
Powder, cream.....	lb.	5,044	2,313
Powder, custard.....	"	1,339,252	273,380
Powder, egg.....	"	22,407,309	26,670,359
Powder, ice cream.....	"	284,782	75,908
Powder, jelly.....	"	4,491,134	1,272,347
Powder, lemon.....	"	—	*
Powder, milk, all kinds.....	lb.	15,031,819	5,067,328
Powder, malted milk.....	"	—	*
Powder, pudding.....	lb.	9,562,714	2,420,131
Powder, skim milk.....	"	28,638,170	3,186,049
Powders, edible, not specified.....	"	3,203,491	1,059,283
Powder, bronze and aluminum.....	—	—	—
Powder, sachet.....	—	—	—
Powder, talcum and face.....	—	—	34,638
Press cloths.....	—	—	2,587,480
Presses, tennis and badminton racquet.....	—	—	26,504
Presses, hydraulic, and other power.....	—	—	7,102
Printing—	—	—	735,987
Circular letters.....	—	—	576,582
General, for trade.....	—	—	511,734
Custom printing (paper supplied by customer).....	—	—	839,299
Private and personal.....	—	—	708,655
Bank notes.....	—	—	*
Blue prints and photostats.....	—	—	840,203
Box cover, paper, coloured.....	—	—	83,724
Periodicals printed for publishers.....	—	—	8,134,547
Railway time tables and tariffs.....	—	—	344,395
Other printed matter, menus, statements, programs, etc.....	—	—	5,428,842
Printing and painting on textile fabrics.....	—	—	992,032
Propane.....	—	—	*
Propellers and shafts.....	—	—	*
Publications, subscriptions and sales (see "Printing" and "Periodicals")	—	—	*
Puddings.....	—	—	190,222
Puffs, powder.....	—	—	208,135
Pulleys, wood.....	—	—	165,866
Pulpers and slicers.....	—	—	9,631
Pulp, fruit (see "Fruit pulp")	—	—	*
Pulpstones, artificial.....	—	—	*
Pulpwood.....	Cord	564,571	9,546,368
Pulp chips.....	—	—	225,275
Pulp wood—	—	—	—
Ground wood—	—	—	—
Quantity made.....	s. ton	3,076,296	—
Quantity sold.....	"	233,980	9,461,503
Soda pulp.....	—	—	*
Sulphate kraft—	—	—	—
Quantity made.....	s. ton	467,726	—
Quantity sold.....	"	225,321	16,478,546
Sulphite fibre, bleached—	—	—	—
Quantity made.....	"	555,699	—
Quantity sold.....	"	527,698	44,891,926
Sulphite fibre, unbleached—	—	—	—
Quantity made.....	"	1,023,930	—
Quantity sold.....	"	570,081	39,457,955
Screenings—	—	—	—
Quantity made.....	"	85,672	—
Quantity sold.....	"	34,165	671,447
Pulverizers.....	—	—	276,870
Pumps, centrifugal.....	—	—	2,794,529
Pumps, hand.....	—	—	384,094
Pumps, steam.....	—	—	1,607,240
Pumps, other power.....	—	—	433,582
Pumps, pumping systems for country homes.....	—	—	692,778
Pumps, gasoline handling.....	—	—	152,117
Pumps, not specified, and pump parts.....	—	—	1,562,715
Punching machines.....	—	—	70,408
Purses, pocket-books and folders.....	—	—	1,547,116
Putty and fillers, n.e.s.....	lb.	8,808,676	370,602

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1944—Con.

Items	Unit of Measure	Quantity	Value
			\$
Pyjamas—			
Cotton and flannelette.....	doz.	278,895	3,307,265
Silk and artificial silk.....	"	19,024	449,892
Not specified.....	"	16,930	232,406
Pyrometers.....	—	—	*
Pyrotechnics and fireworks.....	—	—	11,444,533
Quilted goods.....	—	—	580,327
Racquets, tennis, badminton and squash.....	No.	40,474	116,960
Radar equipment (see Radio communication equipment)	—	—	2,442,020
Radiators, automobile.....	—	—	238,703
Radiators, heating, concealed type.....	sq. ft.	714,754	2,018,723
Radiators, heating, direct type.....	—	6,845,653	93,833,634
Radio communication equipment.....	—	—	16,172,887
Radio sets, tubes and accessories.....	—	—	23,477
Radio cabinets and tables.....	No.	2,656	*
Rail anchors.....	—	—	997,004
Railway, angle splice bars.....	net ton	14,324	2,123,629
Railway tie plates.....	"	38,351	—
Rails, iron or steel—			
Quantity made.....	net ton	325,486	15,921,873
Quantity sold.....	"	324,052	1,386,058
Railway frogs, switches and other track equipment.....	—	—	512,070
Railway car and coach fittings, bearings, etc.....	—	—	155,860
Rakes, hand.....	No.	302,157	*
Razor blades.....	—	—	*
Razors, safety, electric, other and parts.....	—	—	*
Recorders, time.....	—	—	280,439
Rectifiers for storage battery charging, and parts.....	—	—	*
Reels, wire rope.....	—	—	—
Refractories—			
Cement, high temperature.....	ton	5,576	374,517
Firebrick from domestic clay.....	—	—	386,088
Firebrick from imported clay.....	ton	22,835	737,382
Other.....	—	—	1,434,175
Refrigerators—			
Electric.....	No.	3,442	815,309
Electric, condensing units.....	—	—	619,943
Other.....	—	—	1,439,368
Refrigerator parts, not specified.....	—	—	*
Regalia, all kinds.....	—	—	76,630
Registers, cash.....	—	—	1,141,860
Registers and grills, air.....	—	—	231,991
Regulators, not specified.....	—	—	*
Remedies, stock and poultry.....	—	—	1,367,812
Remote controls, mechanical.....	—	—	*
Rennet extract.....	—	—	*
Repair gums and fabrics.....	lb.	2,287,869	1,329,713
Repair kits.....	—	—	—
Repair patches, tire and tube.....	No.	3,543,304	592,764
Ribbons.....	—	—	—
Rice, cleaned, etc.....	ton	53,651	2,486,100
Rings, fruit jar, rubber.....	—	—	*
Rings, fruit jar, zinc.....	—	—	29,535
Robes, carriage and automobile.....	—	—	1,617,420
Rockwool.....	—	—	9,045,046
Rods and bars, bronze, and brass.....	lb.	61,042,738	10,712,451
Rods, copper wire.....	"	81,842,832	—
Rods, iron and steel, wire—			
Quantity made.....	net ton	244,270	4,300,337
Quantity sold.....	"	105,046	93,959
Roll covering, rubber.....	lb.	56,304	23,161
Rollers, land, and land packers.....	—	—	253,714
Rollers, printers'.....	lb.	389,058	204,185
Rolls, rubber covered.....	—	—	80,904
Rolls, bending and straightening.....	—	—	427,565
Roofing preparations, not elsewhere specified.....	—	—	—

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1944—Con.

Items	Unit of Measure	Quantity	Value
			\$
Rope—			
Manilla.....	lb.	1,821,556	340,654
Sisal.....	"	18,548,112	2,969,324
Jute and hemp.....	"	1,882,629	727,707
All other.....	"	571,872	197,427
Rubber, reclaimed.....	—	—	*
Rubber and rubber goods, hard.....	—	—	119,496
Rubber coverings, linings, etc.....	—	—	291,023
Rubber goods, moulded.....	lb.	1,627,492	923,689
Rubber goods, sanitary, not elsewhere specified.....	"	808,265	225,150
Rubber goods, soft and sponge.....	"	257,594	101,210
Rubber automotive and aeroplane parts.....	—	—	738,130
Rubber goods, not specified.....	—	—	624,392
Rubber thread.....	lb.	129,457	98,790
Rubber, synthetic.....	—	—	*
Rugs, automobile.....	No.	60,508	571,835
Rules, wooden.....	—	—	180,792
Ruling (printing plants).....	—	—	307,164
Rust preventives and removers.....	—	—	411,357
Saddles.....	No.	2,186	62,432
Saddle parts.....	—	—	18,156
Safes, vaults and fittings.....	—	—	764,067
Sails.....	—	—	124,245
Salt.....	ton	695,217	4,786,084
Salt, curing.....	lb.	1,252,477	114,111
Sanders (wood-working).....	No.	14	13,795
Sandwich relish and spread.....	lb.	2,689,237	638,015
Sanitary ware.....	—	—	3,125,919
Sash, doors and millwork.....	—	—	21,064,413
Sash, steel, brass, etc.....	—	—	595,906
Sash weights.....	—	—	*
Sauces, catsups and relishes (see "Tomato catsup and pickles, sauces, etc.")	—	—	
Sauerkraut—			
Canned.....	lb.	1,646,120	87,579
Other.....	"	526,099	24,479
Sausage casings.....	—	—	2,846,955
Sausage, fresh or cured.....	lb.	124,009,622	23,411,460
Sawdust and waste, sold.....	—	—	1,255,862
Saws, all kinds.....	—	—	2,776,388
Saw parts and saw outfits.....	—	—	722,431
Scales.....	No.	15,321	1,007,978
Scarves.....	doz.	302,636	2,638,705
School supplies, not specified.....	—	—	62,384
Scientific equipment, not specified.....	—	—	3,347,487
Scissors and shears.....	—	—	*
Scout cars.....	No.	1,028	2,891,997
Scrap, aluminum.....	—	—	130,681
Scrap, brass, bronze and copper.....	lb.	13,528,990	1,140,920
Scrap, iron and steel.....	ton	61,028	1,314,356
Scrap, not specified.....	—	—	120,695
Screenings, barley, etc.....	—	—	763,280
Screens, door and window.....	—	—	107,205
Screens, industrial.....	No.	4	48,515
Screws and screw machine products.....	—	—	8,105,900
Scuffers.....	No.	7,538	81,824
Scythes.....	—	—	167,285
Seals, corporation and other.....	—	—	26,967
Searchlights, projectors, etc., n.e.s.....	—	—	1,792,875
Seasoning, dry and liquid.....	—	—	371,808
Shades, window, shade cloth, and fittings—			
Ordinary shades and blinds.....	—	—	1,296,036
Venetian blinds.....	—	—	845,219
Shade cloth, rollers, etc.....	—	—	536,520
Shanks, shoe.....	—	—	213,829
Shapers and jointers, wood-working.....	—	—	35,290
Shapers, metal-working.....	—	—	182,196
Sharpeners, pencil.....	—	—	*
Sharpening stones and files.....	—	—	197,186
Shawls.....	—	—	26,323

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1944—Con.

Items	Unit of Measure	Quantity	Value
Shearing machines.....	—	—	176,364
Sheet forms, commercial, etc., printed.....	—	—	14,368,643
Sheets and sheeting, cotton.....	—	—	3,712,659
Sheets and pillow slips, crib.....	—	—	59,028
Sheets, rubber.....	doz.	3,399	93,962
Sheets, crib, rubberized.....	—	—	116,066
Sheeting, rubber, all kinds.....	yd.	267,599	139,335
Sheet iron ware, not elsewhere specified.....	—	—	*
Sheet metal building materials, not elsewhere specified.....	—	—	1,061,023
Sheet metal products, not elsewhere specified.....	—	—	1,835,648
Sheets, aluminum.....	—	—	*
Sheets, corrugated iron.....	—	—	686,965
Sheets, iron and steel.....	—	—	*
Sheets, tin mill, black plate, galvanized, etc.....	—	—	6,476,114
Shields, dress.....	—	—	188,989
Shims, railroad and other.....	—	—	136,208
Shingle bands.....	—	—	47,737
Shingles, wooden.....	—	—	11,416,220
Shingles, asbestos.....	—	—	*
Shipbuilding and repairs.....	—	—	416,645,096
Shirts, fine—			
Cotton.....	doz.	688,242	10,042,553
Silk and artificial silk.....	"	12,017	367,647
Shirts, dress.....	"	10,184	134,777
Shirts, work—			
Cotton.....	doz.	585,408	5,500,553
Wool.....	"	50,015	929,550
Shirts, not specified.....	"	12,591	160,106
Shirts and blouses, boys.....	"	102,866	714,350
Shock absorbers, automobile.....	—	—	*
Shoddy, mungo and wool extract.....	lb.	1,672,403	213,210
Shoe trimmings.....	—	—	141,321
Shooks, box.....	M ft. b.m.	182,982	12,286,975
Shortening—			
Containing animal fat.....	lb.	65,096,420	9,470,077
Containing no animal fat.....	"	40,024,786	5,962,512
Shortening substitute.....	—	—	*
Shorts and middlings.....	ton	476,642	12,486,696
Shovels, hand.....	—	—	67,726
Shuttlecocks, badminton.....	—	—	*
Signs, electric, gas, neon and other luminous.....	No.	420	94,901
Signs, brass and other.....	—	—	611,701
Silicon carbide.....	—	—	5,499,628
Silicon metal.....	—	—	1,311,736
Silico manganese, silico spiegel, spiegeleisen etc. (see "Ferro-alloys")			
Silk, broad—			
Silk mixtures.....	yd.	23,685	18,840
Artificial silk, continuous filament.....	"	53,258,553	23,972,156
Spun rayon and mixtures.....	"	21,664,470	8,493,951
Other artificial silk and mixtures, continuous filament.....	"	5,177,630	3,974,057
Silk and artificial silk knitted goods, n.e.s.....	—	—	2,411,953
Silos.....	—	—	*
Silver alloys.....	—	—	161,500
Silver, fine.....	—	—	559,716
Silver, sterling, melted, rolled, etc.....	—	—	1,283,886
Size.....	—	—	560,234
Skates.....	pr.	115,943	147,358
Skewers.....	—	—	*
Skis.....	pr.	116,694	352,309
Ski poles and fittings.....	—	—	263,033
Skins, calf.....	No.	590,919	1,620,200
Skins, sheep.....	—	—	1,630,867
Skins, pickled.....	doz.	94,311	744,620
Skins, raw and dressed.....	—	—	2,157,761
Skips and cages, mining.....	—	—	*
Skirts—			
Cotton.....	No.	251,647	251,626
Artificial silk.....	"	958,773	1,787,677
Woollen.....	"	473,413	1,199,875
Other.....	"	58,155	115,467

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns;

Alphabetical List of Products Manufactured in Canada, 1944—Con.

Items	Unit of Measure	Quantity	Value
			\$
Slabs and edgings.....	cords.	775,709	2,352,669
Sleeve protectors.....	—	—	4,198
Sleighs.....	—	—	213,970
Sleighs, children's.....	No.	120,195	175,776
Sleighs, dog.....	—	—	20,853
Slicers, meat and bread.....	—	—	*
Slippers, cloth, carpet, etc—			
Babies'.....	pr.	121,278	68,043
Boys'.....	—	147,206	97,555
Misses' and children's.....	“	947,844	518,976
Men's.....	“	485,248	615,773
Women's and growing girls'.....	“	3,206,626	2,745,353
Little gents'.....	“	59,168	31,395
Not specified.....	—	—	31,835
Slotters.....	—	—	*
Smelter and refinery products.....	—	—	474,206,801
Smocks, women's.....	doz.	24,233	416,461
Smoke breeching.....	—	—	14,843
Smokers' sets.....	—	—	89,082
Smokestacks, steel.....	—	—	71,997
Snowmobiles and parts.....	—	—	491,703
Snow removing equipment.....	—	—	*
Snow shoes.....	—	—	*
Soap—			
Household, laundry and chips.....	lb.	108,986,080	9,564,522
Liquid.....	—	—	508,422
Polishing or scouring.....	lb.	365,959	32,657
Powder.....	“	76,792,172	7,572,604
Soft.....	“	1,691,950	151,468
Textile and mill.....	“	3,856,854	391,111
Toilet.....	“	37,139,792	6,719,482
Shaving, including shaving cream.....	“	1,647,779	1,590,524
Hard, all other.....	“	1,797,008	178,759
Soap, not specified.....	—	—	246,918
Sodium azide.....	—	—	*
Sodium bisulphate (nitre cake).....	—	—	*
Sodium carbonate.....	—	—	*
Sodium chlorate.....	—	—	*
Sodium hydroxide.....	—	—	3,009,786
Sodium hypochlorite.....	—	—	145,926
Sodium metabisulphite.....	—	—	*
Sodium metasilicate.....	—	—	*
Sodium phosphate, di-sodium and tri-sodium.....	—	—	*
Sodium pyrophosphate.....	—	—	*
Sodium silicate.....	—	—	*
Sodium sulphite.....	—	—	*
Sodium sulphate.....	—	—	*
Sodium thiosulphite.....	—	—	*
Solder.....	lb.	8,447,480	2,004,955
Soling, rubber—			
Rubber and composition soles.....	pr.	1,408,939	330,814
Rubber and composition half-soles.....	“	1,603,669	384,131
Soling and slabs for heels.....	lb.	1,241,076	363,528
Soles and heel lifts, not elsewhere specified.....	—	—	622,483
Soles, felt, and other (insoles).....	—	—	225,038
Soup, canned.....	lb.	124,899,365	14,758,148
Soup, dehydrated and soup mixtures.....	—	—	1,809,559
Soya bean products, n.e.s.....	—	—	6,840
Spades and shovels.....	No.	947,356	701,199
Spark plugs.....	—	12,897,704	3,251,069
Speed reducer units.....	—	—	461,066
Spice compound.....	lb.	512,602	89,094
Spices, mixed, whole or ground.....	lb.	4,314,839	1,306,225
Spiegeleisen.....	—	—	*
Spikes, railway.....	—	—	*
Spikes, other.....	—	—	55,790
Spinings, metal.....	—	—	*
Spinning wheels.....	No.	1,330	10,780

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1944—Con.

Items	Unit of Measure	Quantity	Value
			\$
Spirits produced during the year but placed in bond for maturing—			
Whiskey, rye type.....	pr. gal.	2,949,014	1,582,596
Whiskey, other type.....	"	2,622,512	1,507,556
Gin and other spirits.....	"	2,930,512	1,835,168
Spirits matured, sold (including purchases from other firms)—			
Whiskey, scotch type.....	"	308,034	2,024,616
Whiskey, rye type.....	"	4,090,678	22,662,846
Whiskey, other types.....	"	363,949	1,624,096
Gin.....	"	937,934	4,325,530
Other spirits.....	"	646,808	978,294
Spools, bobbins and shuttles.....	—	—	1,273,462
Spoolwood.....	—	—	10,629
Sport gloves and mitts.....	—	—	184,687
Sporting goods, not specified.....	—	—	337,215
Sprayers, hand.....	No.	1,606	57,982
Sprayers, power.....	"	235	105,489
Sprayers, not specified.....	—	—	8,800
Springs, automobile.....	—	—	6,970,215
Springs, bed—			
Box.....	No.	32,477	497,632
Coil.....	"	14,262	85,368
Cable.....	"	129,287	693,225
Link.....	"	67,107	470,105
Slat.....	"	59,650	463,520
Springs, upholstering.....	—	—	1,405,588
Springs for cars and locomotives.....	—	—	* 773,355
Springs, steel wire.....	—	—	—
Springs, other.....	—	—	3,533,358
Squares, hardwood.....	M. ft.	19,039	1,205,338
Stabilizers, ice cream, etc.....	—	—	688,110
Stains.....	Imp. gal.	377,195	5,934,971
Stampings, metal, not specified.....	—	—	*
Stampings, auto.....	—	—	376,145
Stamps, rubber.....	—	—	258,491
Stamps, not specified.....	—	—	648,378
Stamps, postage, revenue, etc.....	—	—	193,075
Staples, wire.....	keg	45,080	*
Starch, corn, edible.....	—	—	*
Starch, corn, laundry.....	—	—	602,706
Starch and flour, potato.....	ton	4,449	*
Starch, blended.....	—	—	237,397
Stationery goods, not specified.....	—	—	540,864
Statues and art goods.....	—	—	1,302,617
Staves, barrel.....	M	66,988	197,353
Steam traps, etc.....	—	—	179,543
Stearine.....	lb.	2,099,681	—
Steel shapes erected—			
Bridges.....	ton	2,795	695,324
Buildings.....	"	41,710	9,585,344
Transmission towers.....	"	3,414	679,043
Steel shapes, structural, unfabricated, etc.—			
Quantity made.....	ton	155,908	—
Quantity sold.....	"	159,241	9,380,379
Steel shapes, structural, plain material.....	"	55,707	5,608,525
Steel shapes, structural, fabricated.....	—	—	4,734,307
Steel, miscellaneous.....	—	—	591,203
Steel wool.....	—	—	*
Stellite.....	—	—	*
Stencils.....	—	—	184,130
Stockinette and knitted fabric.....	lb.	2,889,137	2,104,882
Stocking and glove dryers.....	—	—	17,907
Stokers, mechanical.....	—	—	1,753,110
Stoker parts.....	—	—	562,349
Stone, artificial.....	—	—	182,909
Stools, benches and cabinets.....	—	—	45,546
Store fixtures, n.s.....	—	—	13,092
Stove and furnace pipe.....	—	—	1,092,043

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1944—Con.

Items	Unit of Measure	Quantity	Value
			\$
Stoves—			
Coal and wood	No.	215,039	6,464,381
Electric and combination coal and electric	"	18,087	1,068,808
Gas and combination coal and gas	"	30,434	1,661,677
Gasoline and oil	"	68,022	265,544
Plates, stove, stove parts, etc.	—	—	1,188,623
Straps, leather	doz.	285,031	480,309
Straws, soda	M	621,723	182,049
Strings, racquet	—	—	*
Styrene	—	—	*
Sugar butter	lb.	1,971,968	275,777
Sugar, granulated—			
Beet	lb.	162,496,540	—
Cane	"	713,576,190	53,636,229
Sugar, brown or yellow	"	101,772,883	5,598,432
Sugar, grape	—	—	*
Sugar, invert	—	—	*
Sugar, loaf	lb.	11,919,815	922,888
Sugar, maple (factory made)	—	—	*
Sugar of milk	lb.	553,577	138,394
Sugar, pulverized or icing	"	27,852,150	1,903,948
Suits—			
Boys', woollen	No.	369,530	2,917,373
Men's, woollen	"	1,252,923	25,322,386
Other, men's and boys'	"	30,244	246,884
Women's and misses'—			
Cotton	"	25,788	90,601
Silk and artificial silk	"	59,742	489,629
Woollen	"	384,296	5,525,737
Other, not specified	"	62,587	1,364,614
Children's	"	1,722,553	1,042,742
Knitted, women's and children's	"	39,720	215,491
Sulphur monochloride	—	—	*
Sulphur dioxide, liquid	—	—	*
Superheaters	—	—	1,793,502
Superphosphate	ton	194,176	3,055,881
Surfacers, wood-working	No.	7	8,520
Surgical and orthopaedic appliances and surgical dressing—			
Surgical bandages and dressings	—	—	162,897
Surgical belts	—	—	249,834
Surgical stockings, elastic	No.	75,976	126,027
Orthopaedic corsets	—	—	532,411
Artificial limbs, crutches, etc.	—	—	144,224
Foot easers, arch supports, etc.	—	—	98,303
Trusses	—	—	200,930
Other surgical supports	—	—	197,959
Surgical and orthopaedic appliances and instruments, not specified	—	—	289,059
Suspenders, supporters, and garters	—	—	1,661,662
Swathers	—	—	*
Sweaters, jackets, etc.	doz.	728,496	12,015,786
Sweeping compounds	—	—	230,270
Swings, baby and other	—	—	11,048
Switch gear and protective equipment (except telephone switch-boards)	—	—	6,690,503
Synthetic and plastic products, n.e.s.	—	—	8,530,174
Syringes, fountain, and attachments	doz.	17,907	62,943
Syrup, corn	—	—	*
Syrup and fruit juices, fountain	gal.	989,063	1,850,798
Syrup, maple (factory made)	—	—	*
Syrups, table	gal.	91,648	130,723
Syrups from cane (not including molasses)	lb.	14,043,906	589,480
Table cloths and napkins	—	—	128,737
Tacks, cut and wire	—	—	617,824
Tags and labels, shipping	—	—	8,374,401
Tags and tickets, printed	—	—	621,271
Tags, not specified	—	—	29,117
Tailors' supplies, n.e.s.	—	—	1,933,508
Tallow	lb.	78,553,741	6,639,353

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1944—Con.

Items	Unit of Measure	Quantity	Value
			\$
Tankage, animal.....	lb.	62,227,019	1,150,341
Tanks, steel storage, black, galvanized, etc.....	—	—	2,550,065
Tanks, pressure, other.....	—	—	481,293
Tanks, steel, pneumatic.....	—	—	173,543
Tanks, steel, septic.....	—	—	60,768
Tanks, other, not specified.....	—	—	1,274,941
Tanner's bate.....	—	—	*
Tape, rubber and friction.....	lb.	1,871,911	797,984
Tape, adhesive.....	—	—	*
Tape, paper, gummed.....	—	—	1,955,939
Tape, telegraph.....	—	—	*
Tapes, fabric.....	—	—	1,113,833
Tapestries (see "Upholstering materials").....	—	—	*
Tapes, measuring, n.s.....	—	—	81,472
Tapioca, granulated.....	—	—	2,281,504
Tar, coal and crude.....	Imp. gal.	37,907,935	988,869
Tar, refined.....	gal.	9,574,824	91,627
Tar from petroleum refineries.....	lb.	2,863,350	*
Targets, clay.....	—	—	23,627,511
Tea, blended, etc.....	lb.	35,622,439	9,782,019
Telephone material.....	—	—	19,159
Tenoners and mortisers, wood-working.....	—	—	532,858
Tents.....	No.	24,678	*
Thermit.....	—	—	*
Thermometers, all kinds.....	—	—	*
Thickeners, mining and metallurgical.....	—	—	*
Thinners, pyroxylin.....	gal.	1,436,382	1,679,085
Thiokol.....	—	—	*
Thread, cotton.....	—	—	5,847,636
Thread, silk and artificial silk (see also "Yarn and thread").....	—	—	307,645
Threading machines.....	—	—	*
Threshers and reaper-threshers, combined and parts.....	—	—	6,415,046
Ties, wooden.....	—	—	7,637,491
Tile, asphalt, and other, n.s.....	—	—	392,770
Tile, drain.....	M	13,684	425,725
Tile, floor (from domestic clay).....	—	—	43,817
Tile, floor and wall (from imported clay).....	—	—	*
Tile, roofing, and hollow blocks.....	—	—	811,558
Timbers, mine.....	—	—	133,195
Tin.....	lb.	2,853,513	117,614
Tinned plate and scrap.....	—	—	8,313,611
Tinsel garlands and ribbons.....	—	—	*
Tinware, japanned or not.....	—	—	206,135
Tire braids, auto.....	—	—	*
Tire fabrics.....	lb.	20,990,100	11,480,320
Tires and tubes—			
Balloon, casings.....	No.	1,973,417	57,067,930
High-pressure, casings.....	"	10,226	149,410
High-pressure and balloon inner tubes.....	"	1,606,459	5,934,038
Bicycle tubes.....	—	—	*
Airplane tires.....	No.	75,273	2,763,901
Airplane tubes.....	—	—	188,531
Motorcycle tires.....	—	—	*
Bicycle tires.....	No.	464,049	386,516
Tires, implement and tractor, pneumatic.....	"	144,313	3,707,195
Tires, rubber, not specified.....	—	—	216,091
Tires, rebuilt.....	No.	25,584	93,657
Tires, railway car.....	—	—	1,286,755
Tissues, cleansing.....	—	—	2,449,741
Toasters, electric.....	No.	6,981	44,785
Tobacco—			
Chewing, cut and twist.....	lb.	232,480	307,441
Chewing, plug.....	"	2,553,213	3,312,171
Smoking, leaf.....	"	416,904	212,845
Smoking, cut.....	"	23,357,211	35,138,484
Smoking, plug.....	lb.	518,374	746,279
Smoking, twist.....	—	—	*
Snuff.....	lb.	980,780	1,947,633
Stems and cuttings.....	—	—	7,246
Tobacco, raw leaf, processed.....	lb.	71,363,712	27,413,084
Tobacco pouches.....	—	—	68,877

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1944—Con.

Items	Unit of Measure	Quantity	Value
Toboggans.....	No.	31,289	\$ 90,016
Toilet preparations, not elsewhere specified—			
Bath salts and bath oils.....	—	—	289,843
Brilliantine, oily and liquid.....	—	—	399,111
Compacts and lipsticks.....	—	—	1,179,375
Creams, solid or liquid, all kinds.....	—	—	2,681,691
Shampoos and hair rinses.....	—	—	703,613
Toilet water and lotions.....	—	—	3,738,995
All other.....	—	—	3,243,284
Toiletware, celluloid and plastic.....	—	—	531,604
Toiletware, silver.....	—	—	357,819
Tomato catsup, canned.....	lb.	5,084,111	371,241
Tomato catsup, other.....	"	22,169,936	3,522,389
Tomato juice.....	"	138,839,079	6,602,958
Tomato paste and puree.....	"	16,845,891	1,227,585
Tomato pulp.....	"	12,807,790	516,539
Tools, carpenters' and mechanics' other than files.....	—	—	2,068,895
Tools, machine, not elsewhere specified.....	—	—	9,743,413
Tools, small cutting.....	—	—	3,828,367
Tools, not elsewhere specified.....	—	—	7,092,918
Toothpicks.....	—	—	—
Toppings, for ice cream.....	—	—	368,507
Tow, green.....	lb.	15,243,774	1,270,665
Towels and towelling—			
Bath mats and bath sets.....	—	—	166,468
Towelling.....	—	—	596,653
Towels, all kinds.....	doz.	1,400,980	3,261,872
Face cloths.....	—	—	309,942
Towels, sanitary, all kinds.....	—	—	2,218,846
Towels, paper.....	cases	414,953	1,157,498
Toys—			
Wooden.....	—	—	1,614,345
Miscellaneous, not specified, including model aeroplanes.....	—	—	1,981,670
Trade work, n.e.s. (printing plant).....	—	—	1,848,689
Transfers, paper, decalcomania.....	—	—	836,949
Transformers.....	—	—	69,598
Transformer parts.....	—	—	6,665,724
Transmission towers, electric (see "Steel shapes").....	—	—	626,304
Traps and fittings, lead.....	lb.	1,063,311	198,888
Traps, animal (including mouse and rat).....	—	—	*
Traps, not specified.....	—	—	*
Trays, display, and other.....	—	—	79,406
Trichlorethylene, refined.....	—	—	*
Trimmings, not specified.....	—	—	634,348
Trophies.....	—	—	*
Trucks, factory, and other hand trucks.....	—	—	666,324
Trunks, all kinds.....	No.	91,441	603,546
Tubes, collapsible.....	—	—	*
Tubes, vacuum, X-ray tubes.....	No.	578,001	5,183,802
Tubing, brass, bronze, and aluminum.....	—	—	3,423,505
Tubing, rubber.....	lb.	278,531	248,746
Tubing, steel.....	ton	9,153	2,830,595
Tubing and wristing, knitted.....	lb.	673,426	420,588
Tubs, laundry, cement.....	No.	12,607	97,200
Wash tubs.....	—	—	530,885
Turbines and water wheels.....	—	—	4,570,090
Turpentine.....	—	—	*
Twine and cordage—			
Binder twine, all sisal.....	lb.	223,750	32,020
Binder twine, chiefly sisal.....	"	75,361,443	6,736,583
Twine, all hemp and all flax.....	"	230,188	166,599
Twine, all jute.....	"	6,164,750	1,624,530
Twine and cordage, not specified.....	—	—	3,562,276
Type and type metal.....	lb.	5,118,068	515,737
Typesetting (trade composition).....	—	—	1,588,676
Typewriter ribbons.....	—	—	537,309
Typewriters.....	No.	12,562	802,171
Umbrellas.....	doz.	18,426	471,735
Undertakers' supplies, not specified.....	—	—	218,576

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1944—Con.

Items	Unit of Measure	Quantity	Value \$
Underwear—			
Cotton and cotton mixtures, separate—			
Fleece—Men's.....	doz.	112,101	975,668
Women's.....	"	61,125	258,488
Children's.....	"	59,524	244,713
Summer ribs—Men's.....	"	209,913	848,067
Women's.....	"	39,609	123,696
Children's.....	"	43,768	109,234
Winter ribs—Men's.....	"	140,270	1,402,684
Women's.....	"	201,732	865,303
Children's.....	"	305,433	906,397
Balbriggan—Men's.....	"	93,051	417,423
Women's.....	"	52,478	160,693
Children's.....	"	48,426	100,259
Cotton and cotton mixtures, combinations—			
Fleece—Men's.....	doz.	116,183	1,344,407
Women's.....	"	400	1,200
Children's.....	"	33,544	262,782
Summer ribs—Men's.....	"	17,727	107,876
Women's.....	"	1,249	14,637
Children's.....	"	21,246	54,585
Winter ribs—Men's.....	"	118,731	1,279,437
Women's.....	"	31,351	109,180
Children's.....	"	58,447	316,550
Balbriggan—Men's.....	"	81,895	601,931
Women's.....	"	4,963	21,970
Children's.....	"	16,936	78,407
Cotton, not specified—Men's.....	"	35,926	206,739
Women's.....	"	58,941	185,396
Children's.....	"	179,756	479,103
Silk, artificial silk and mixtures—			
Combination—Men's.....	doz.	21,758	397,911
Women's.....	"	227	2,150
Separate—Men's.....	"	22,939	183,342
Women's.....	"	336,448	1,634,603
Children's.....	"	20,763	67,764
Not specified—Women's.....	"	287,382	954,978
Children's.....	"	12,000	23,000
All wool, combination—Men's.....	"	22,526	714,825
Women's and children's.....	"	500	13,525
Wool mixtures, combination—Men's.....	"	75,394	1,564,813
Women's and children's.....	"	5,082	66,482
All wool, separate—Men's.....	"	15,548	259,674
Women's.....	"	17,497	152,541
Children's.....	"	8,895	70,665
Wool mixtures, separate—Men's.....	"	100,931	1,442,160
Women's.....	"	54,314	307,615
Children's.....	"	28,193	162,737
Wool, not specified—Women's.....	"	4,394	26,364
Woven, all kinds.....	"	336,823	1,787,025
Not specified.....	"	18,381	79,211
Underslips—			
Artificial silk.....	doz.	264,704	2,575,676
Artificial silk and mixtures.....	"	119,901	1,372,731
Cotton.....	"	22,187	95,808
Not specified.....	"	125,525	1,522,347
Uniforms, woollen.....	No.	1,914,306	16,152,617
Cotton, nurses', maids, etc.....	"	—	818,084
Not specified.....	"	41,339	217,554
Universal carriers.....	—	—	28,458,300
Upholstering materials, n.e.s. (including tapestries).....	—	—	2,681,751
Valves, brass and bronze.....	—	—	4,346,420
Valves, iron.....	—	—	2,927,304
Valves, tire.....	—	—	*
Valves, not specified.....	—	—	907,969
Varnishes.....	—	—	5,591,522
Vaults, burial, cement and steel.....	—	—	62,677

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1944—Con.

Items	Unit of Measure	Quantity	Value
			\$
Vegetables, canned—			
Asparagus.....	lb.	3,513,736	549,462
Beans, baked.....	"	44,182,683	3,083,021
Beans, green or wax.....	"	39,710,303	3,146,428
Beets.....	"	4,844,563	342,601
Carrots.....	"	2,755,474	166,244
Carrots and peas.....	"	1,186,515	101,144
Corn, cream of, whole grain, etc.....	"	58,869,393	4,553,393
Mushrooms.....	"	143,280	33,220
Peas.....	"	113,243,124	8,309,610
Pumpkin.....	"	16,423,361	822,342
Spinach.....	"	1,547,886	128,183
Tomatoes.....	"	103,491,013	5,458,977
Vegetable dinners.....	"	2,942,444	437,886
Vegetables, mixed.....	"	2,153,450	157,071
Vegetables, other.....	"	1,170,924	99,836
Vegetables, evaporated and dehydrated.....	"	14,179,011	5,959,520
Vegetables in brine.....	"	1,222,842	113,537
Vegetables frozen or cold pack.....	"	3,058,047	419,558
Vegetable juices, canned.....	—	—	*
Vehicles, children's.....	—	—	451,208
Veils and veiling.....	—	—	*
Velvets.....	—	—	*
Veneer.....	M sq. ft.	212,600	6,413,861
Veneer logs.....	M ft. b.m.	15,787	779,465
Veneer on lumber cores.....	—	—	*
Vests, woollen.....	No.	38,192	77,603
Vests, other.....	—	—	54,151
Vinegar (made for sale)—			
Spirit.....	pr. gal.	3,690,778	1,477,119
Cider.....	"	518,327	155,484
Malt.....	"	420,529	244,756
Visors, cap.....	—	—	*
Wagons (see "Carriages and wagons")			
Wall board, gypsum.....	sq. ft.	179,239,550	3,814,067
Wall plaster, gypsum.....	—	—	890,502
Wardrobes, wall board.....	—	—	*
Washboards.....	No.	213,484	68,240
Washers, leather.....	doz.	766,724	156,159
Washers and gaskets, iron, steel, etc.....	—	—	791,097
Washing compounds and powders.....	—	—	332,717
Waste, cotton, wool and jute.....	—	—	4,420,136
Waste, other.....	—	—	366,057
Waste, wood.....	—	—	215,475
Watches.....	—	—	153,693
Watch cases.....	—	—	386,927
Water, distilled.....	—	—	18,827
Water, aerated.....	Imp. gal.	64,238,831	40,746,221
Water, mineral, natural.....	—	—	186,160
Waterproofing of fabrics.....	—	—	197,368
Waterproofing preparations.....	—	—	645,818
Wax and wax compounds, all kinds.....	—	—	1,666,843
Wax, sealing.....	—	—	*
Weatherstrip.....	—	—	170,960
Webbing, elastic and non-elastic.....	—	—	3,502,053
Weeders.....	—	—	*
Weed killers.....	—	—	257,305
Welding apparatus with control equipment and accessories.....	—	—	1,224,878
Welding compounds and fluxes.....	—	—	45,267
Welding rods and welding wires.....	s. ton	7,373	856,698
Welting.....	y.d.	12,630,878	792,283
Wheelbarrows and parts.....	—	—	151,020
Wheels, automobile.....	—	—	*
Wheels, railway car.....	—	—	6,941,826
Wheels, not specified.....	—	—	76,616
Whips.....	No.	59,816	12,082
Whiskies (see "Spirits")			
Whisks.....	doz.	45,862	80,894
White, satin.....	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1944—Con.

Items	Unit of Measure	Quantity	Value
			\$
Wine, sold during the year.....	gal.	3,735,095	6,138,229
Wine, produced and placed in storage for maturing.....	"	4,213,550	1,805,763
Wine spirits.....	"	—	*
Wiping cloths and rags, washed and sterilized.....	lb.	13,829,410	2,295,648
Wiping cloths and rags, other.....	"	—	556,018
Wire, barbed—			
Quantity made.....	ton	12,556	—
Quantity sold.....	"	12,471	1,056,379
Wire, cold rolled, flat, all sizes—			
Quantity made.....	"	4,320	—
Quantity sold.....	"	3,101	454,046
Wire, galvanized—			
Quantity made.....	"	57,007	—
Quantity sold.....	"	22,056	2,183,545
Wire drawn from rods—			
Quantity made.....	"	193,590	—
Quantity sold.....	"	51,573	4,432,405
Wire, iron and steel, other coated—			
Quantity made.....	"	1,650	—
Quantity sold.....	"	1,556	139,509
Wire, strand, twisted—			
Quantity made.....	"	1,266	—
Quantity sold.....	"	1,366	360,423
Wire and cables, electrical.....	—	—	32,149,766
Wire rope and cable, not specified—			
Quantity made.....	ton	16,862	—
Quantity sold.....	"	16,851	8,071,518
Wire, brass and copper.....	—	—	*
Wire, gold-filled, and alloys.....	—	—	*
Wire cloth, brass and bronze.....	sq. ft.	3,160,890	1,990,850
Wire cloth, iron and steel, including screen cloth.....	—	—	1,327,614
Wire mesh, steel, woven, welded, etc.....	—	—	533,805
Wire goods, not specified.....	—	—	1,689,907
Wiring devices, not elsewhere specified.....	—	—	4,517,041
Wooden products, not specified.....	—	—	628,292
Wood flour.....	—	—	41,026
Woodenware, kitchen.....	—	—	153,846
Woodenware, not specified.....	—	—	14,837
Wood preservation.....	—	—	*
Wood turning, not specified.....	—	—	579,470
Woodwork, sanitary.....	—	—	339,289
Wood, raw and unmanufactured.....	—	—	5,698,455
Woollen cloth, woven—			
All wool, woollen.....	yd.	11,652,411	17,464,143
All wool, worsted.....	"	4,432,249	8,417,979
Woollen and worsted, mixed.....	"	3,976,898	9,371,325
Cotton warp, woollen.....	"	2,070,327	1,865,269
Other woollen and mixtures.....	"	3,758,247	5,325,165
Woven goods, not specified.....	—	—	290,000
Wrappers, bottle.....	—	—	234,840
Wrappers, paper, not specified.....	—	—	3,887,179
Wringers, clothes.....	No.	16,305	77,871
Yarns and thread—			
Cotton, grey—			
Singles.....	lb.	11,925,912	4,445,449
Knitting.....	"	11,524,153	4,112,599
Other.....	"	12,256,321	5,113,741
Cotton, bleached and mercerized.....	"	399,460	214,564
Cotton, coloured, knitting.....	"	2,527,353	1,201,653
Cotton, coloured, other.....	"	2,879,482	1,560,397
Cotton, not specified.....	"	3,842,977	2,032,244
Cottons and wool mixtures—			
Grey.....	lb.	334,536	244,429
Bleached and coloured.....	"	249,586	213,207
Artificial silk, singles.....	"	13,112,750	9,104,304
Real silk and mixtures.....	"	5,584	56,582
Spun rayon and mixtures.....	"	2,256,261	1,479,870
Other artificial silk and mixtures.....	"	1,950,572	4,083,656
Woollen.....	"	18,171,227	6,199,372

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1944—Conc.

Items	Unit of Measure	Quantity	Value
			\$
Yarns and thread— <i>Concluded</i>			
Worsted—			
Oil spun.....	lb.	6,595,665	9,678,903
Other.....	"	1,701,197	2,584,975
Other yarns, not specified.....	"	—	718,753
Yeast, dry.....	lb.	2,379,690	499,555
Yeast, fresh (for sale).....	"	17,713,318	3,515,793
Yeast food, bread improver, etc.....	"	2,998,218	293,469
Yoghourt.....	—	—	27,160
Zinc, refined, zinc alloys, etc.....	—	—	959,586
Zinc chloride.....	—	—	*
Zinc cyanide.....	—	—	*
Zinc naphtheanate.....	—	—	*
Zinc stearate.....	—	—	*
Zinc resinate.....	—	—	*
Zinc oxide and zinc dust.....	—	—	*
Zinc products, not specified.....	—	—	*
Manufactured food products, packaged only.....	—	—	801,550
Amount received by clothing contractors.....	—	—	6,084,047
Inter-company transfers (textile plants).....	—	—	2,199,720
All other products not specified—			
Vegetable products group.....	—	—	2,182,473
Animal products group.....	—	—	5,355,945
Textile products group.....	—	—	1,867,919
Wood and paper products group.....	—	—	2,571,701
Iron and steel products group.....	—	—	101,948,476
Non-ferrous metal products group.....	—	—	23,268,611
Non-metallic mineral products group.....	—	—	7,601,232
Chemicals and chemical products group.....	—	—	11,463,207
Miscellaneous products group.....	—	—	15,151,455
Custom work and repairs—			
Vegetable products group.....	—	—	126,725
Animal products group.....	—	—	866,286
Textile products group.....	—	—	6,045,751
Wood and paper products group.....	—	—	5,348,467
Iron and steel products group.....	—	—	98,396,097
Non-ferrous metal products group.....	—	—	4,026,400
Non-metallic mineral products group.....	—	—	167,975
Chemicals and chemical products group.....	—	—	2,851
Miscellaneous products group.....	—	—	3,673,268
Products which were reported by only one or two firms and for which figures cannot be shown separately.....	—	—	270,005,410
Total value of products listed.....	—	—	9,396,299,919
Deductions due to the adjustment for intermediate products and excise taxes.....	—	—	322,607,400
Total.....			9,073,692,519

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Footnote for page 111 Does not include fabrics dyed or bleached by firms maintaining a dyeing and finishing department of their own.

CANADA

LIST OF PUBLICATIONS, CENSUS OF MANUFACTURES; DOMINION BUREAU OF STATISTICS

Manufactures

- (1) General—General Report on the Manufacturing Industries of Canada with appendix giving Alphabetical List of Products Geographical Distribution of the Manufacturing Industries of Canada also Reports for the Provinces and Leading Cities; Quantity of Manufacturing Production in Canada, 1923-29. Weekly Earnings of Male and Female Wage-Earners in the Manufacturing Industries of Canada.
- (2) Manufactures of Vegetable Products—Biennial General Report on Manufactures of Vegetable Products. Annual Bulletins as follows: (a) Coffee, Tea, Spices and Miscellaneous Foods; (b) Fruit and Vegetable Preparations, including Canning, Evaporating and Preserving, and Pickles, Sauces Vinegar and Cider; (c) Flour and Feed Mill Products; (d) Bread and other Bakery Products; (e) Biscuits and Confectionery, including Cocoa and Chocolate; (f) Macaroni, Vermicelli, etc.; (g) Distilled Liquors; (h) Breweries; (i) Wine; (j) Rubber Goods, including Rubber Boots and Shoes; (k) Prepared Breakfast Foods; (l) Sugar Refineries; (m) Tobacco Products; (n) Vegetable Oil Mills; (o) Canned Foods; (p) Ice Cream; (q) Pack of Fruits and Vegetables, preliminary; (r) Aerated Waters; (s) Stock and Poultry Feeds; (t) Stocks of Unmanufactured Tobacco on hand, quarterly report; (u) Stocks of Canned Fruits and Vegetables, quarterly report.
- (3) Animal Products and their Manufactures—Annual Reports and Bulletins as follows: (a) The Dairy Factory Industry; (b) Processed Cheese; (c) Fish Processing (contained in annual Fisheries Statistics); (d) Slaughtering and Meat Packing and Sausage and Sausage Casings; (e) Leather Tanneries; (f) Leather Belting, Leather Boot and Shoe Findings and Miscellaneous Leather Goods; (g) Leather Boots and Shoes; (h) Leather Gloves and Mittens; (i) Fur Goods, Fur Dressing. Monthly Bulletin on Leather Footwear Production.
- (4) Textiles and Allied Industries—Biennial General Report on the Textile Industries of Canada. Annual Bulletins as follows: (a) Cotton Textiles (cloth, yarn, thread and waste); (b) Woollen Textiles (cloth, yarn, waste, carpets and woollen goods, n.e.s.); (c) Silk and Artificial Silk; (d) Men's Factory Clothing incl. Men's Furnishings; (e) Women's Factory Clothing; (f) Hats and Caps; (g) Hosiery and Knitted Goods; (h) Oiled and Waterproofed Clothing; (i) Cordage, Rope and Twine; (j) Corsets; (k) Cotton and Jute Bags; (l) Dyeing and Finishing of Textiles; (m) Awnings, Tents and Sails.
- (5) Manufactures of Forestry Products—Printed Bilingual Reports: (a) The Lumber Industry (biennial); (b) The Pulp and Paper Industry (biennial); (c) Wood-Using Industries (biennial); (d) Paper-Using Industries (biennial). Stencilled annual preliminary reports: (a) Lumber; (b) Pulp and Paper; (c) Wood-Using Industries; (d) Planing Mills and Sash and Door Factories; (e) Hardwood Flooring; (f) Furniture; (g) Printing Trades (Comprising the following industries: Printing and Publishing; Printing and Bookbinding; Lithographing; Engraving, Stereotyping and Electrotyping; Trade Composition and Blue Printing); (h) Paper Boxes and Bags; Stencilled biennial report: Lumber Distribution in Canada and the United States. Stencilled annual bulletins: (a) Boxes and Baskets; (b) Carriages, Sleighs and Vehicle Supplies; (c) Cooperage; (d) Coffins and Caskets; (e) Boatbuilding; (f) Lasts, Trees and Wooden Shoe findings; (g) Wood-turning; (h) Woodenware; (i) Excelsior; (j) Beekeepers' and Poultrymen's Supplies; (k) Wooden Refrigerators; (l) Miscellaneous Wood-Using Industries; (m) Roofing Paper; (n) Miscellaneous Paper Goods; (o) Veneer and Plywood. Mimeographed Monthly Bulletins: (a) Asphalt Roofing Production; (b) Asphalt Roofing Sales.

- (6) Iron and Steel and their Products—Biennial Report. Annual Bulletins as follows: Preliminary Summary on the Iron and Steel Industry. (a) Primary Iron and Steel; (b) Iron Castings; (c) Heating and Cooking Apparatus (except boilers and radiators); (d) Boilers, Tanks and Plate work; (e) Farm Implements and Machinery; (f) Machinery; (g) Automobiles; (h) Automobile Parts; (i) Bicycles; (j) Railway Rolling Stock; (k) Wire and Wire Goods; (l) Sheet Metal Products; (m) Hardware, Tools and Cutlery; (n) Bridge Building and Structural Steel Work; (o) Shipbuilding and Ship Repairs; (p) Aircraft; (q) Miscellaneous Iron and Steel Products. Commodity Bulletins on The production of Pig Iron; Steel; Washing Machines, Cream Separators; Warm Air Furnaces; Galvanized Sheets; Wire Nails; Steel Wire; Wire Fencing; Stoves, etc. Monthly Bulletins: (a) Pig Iron, Steel Ingots and Castings; (b) Steel Ingots; (c) Automobile Statistics*.
- (7) Manufactures of Non-Ferrous Metals—Biennial Report. Annual Bulletins as follows: Preliminary Summary on Manufactures of Non-Ferrous Metals. (a) Aluminium Products; (b) Brass and Copper Products; (c) White Metal Alloys; (d) Jewellery and Silverware; (e) Electrical Apparatus and Supplies; (f) Non-Ferrous Metal Smelting and Refining; (g) Miscellaneous Non-Ferrous Metal Goods. Quarterly Reports on Production and Sales of Radio Sets*, and Sales of Storage Batteries. Commodity Bulletins on the Production of Batteries; Silverware; Vacuum Cleaners; Electric Motors and Generators; Electric Transformers; Incandescent Lamps, etc.
- (8) Manufactures of the Non-Metallic Minerals — Biennial Report. Annual Bulletins as follows: Preliminary Summary on Manufactures of Non-Metallic Minerals. (a) Asbestos Products; (b) Cement and Cement Products; (c) Coke and Gas; (d) Glass Products; (e) Lime; (f) Petroleum Products; (g) Clay Products; (h) Salt; (i) Sand-lime Brick; (j) Stone; (k) Artificial Abrasives; (l) Gypsum and Gypsum Products; (m) Miscellaneous Non-Metallic Mineral Products, including Carbon Electrodes—Mica Products—Non-Metallic Minerals, n.e.s. Also special report on the consumption of Coke in Canada. Monthly bulletins on (a) Coke Statistics; (b) Sales of Manufactured and Natural Gas.
- (9) Chemicals and Allied Products—Biennial Report. Annual Bulletins as follows: Preliminary Summary on Chemicals and Allied Products; (a) Coal Tar Distillation; (b) Acids, Alkalies and Salts; (c) Compressed Gases; (d) Fertilizers; (e) Medicinal and Pharmaceutical Preparations; (f) Paints, Pigments and Varnishes; (g) Soaps, Cleaning Preparations and Washing Compounds; (h) Toilet Preparations; (i) Inks; (j) Adhesives; (k) Polishes and Dressings; (l) Hard Wood Distillation; (m) Miscellaneous Chemical Products, including Boiler Compounds; Plastic Products; Insecticides; Sweeping Compounds, Disinfectants; Matches; Dyes and Colours; Explosives, ammunition and fire-works; Chemical Products, n.e.s. Special Reports on the Fertilizer Trade in Canada. Commodity Bulletins on Sulphuric Acid, Ammonium Sulphate, etc. Special Report—Directory of Chemical Industries in Canada. Special Report on the Consumption of Chemicals in Municipal Waterworks.
- (10) Miscellaneous Manufactures—General Report. Annual Bulletins as follows: (a) Brooms, Brushes and Mops; (b) Musical Instruments (including pianos, organs and phonographs) and Musical Instrument Materials and Parts; (c) Buttons; (d) Bed Springs and Mattresses; (e) Sporting Goods.

* Discontinued.

31-201

Goverment
Publication

CANADA—DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS

GENERAL MANUFACTURING BRANCH

GENERAL REVIEW OF
**The Manufacturing Industries
of Canada, 1945**

SUMMARY REPORT

Published by Authority of the Rt. Hon. C. D. Howe, M.P.,
Minister of Trade and Commerce



OTTAWA
EDMOND CLOUTIER, C.M.G., B.A., L.P.
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
CONTROLLER OF STATIONERY

1948

Price 50 cents

CANADA—DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
GENERAL MANUFACTURING BRANCH

The Manufacturing Industries of Canada, 1945

SUMMARY REPORT

Published by Authority of the Rt. Hon. C. D. Howe, M.P.,
Minister of Trade and Commerce



OTTAWA
EDMOND CLOUTIER, C.M.G., B.A., L.Ph.,
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
CONTROLLER OF STATIONERY
1948

TABLE OF CONTENTS

	PAGE
Part I.—General Analysis of Manufacturing in the Dominion	5
Section 1. Growth of Manufacturing in Canada.....	7
1. Historical Summary of Statistics of Manufactures for the Dominion, 1917-45.....	7
2. Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-45.....	8
3. Summary Statistics of Manufactures, by Industrial Groups, Significant Years, 1917-45...	10
4. Summary of Statistics of Manufactures, Significant Years, 1917-45.....	13
5. Consumption of Manufactured Products, 1928-45.....	14
Section 2. Value and Volume of Manufactured Products.....	14
6. Indexes of the Volume of Manufacturing Production, According to Component Material and Purpose Classifications, 1923-45.....	16
7. Indexes of the Volume of Manufacturing Production for the Groups of the Purpose Classification, Significant Years, 1923-45.....	17
Section 3. Production by Industrial Groups and Individual Industries.....	17
Subsection 1. Manufactures Grouped by Chief Component Materials.....	17
8. Percentage Variation in Employment, Salaries and Wages, and Gross Value of Products in the Main Industrial Groups Compared for Significant Years, 1929-44.....	18
9. Percentage Variation in Employment, Salaries and Wages, and Gross Value of Products in the Main Industrial Groups, 1945 Compared with 1944.....	19
10. Statistics of the Numbers, Employees, Salaries and Wages, Power, Fuel, Materials, and Values of Products of Canadian Manufacturing Industries, 1945.....	20
Subsection 2. Manufactures Classified on the Standard Classification Basis.....	26
11. Principal Statistics of the Manufacturing Industries, 1945, Classified on the Standard Classification Basis.....	26
Subsection 3. Manufactures Classified by the Purpose of the Products.....	31
12. Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups, Significant Years, 1922-45 and in Detail for 1945.....	31
13. Quantities and Values of the Principal Commodities Produced by the Manufacturing Industries of Canada, Grouped by Purpose, 1945.....	34
Subsection 4. Manufactures Classified by Origin of the Materials.....	36
14. Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Materials Used, by Main Groups, Significant Years, 1924-45.....	36
Subsection 5. Leading Manufacturing Industries.....	38
15. Principal Statistics of the Forty Leading Industries of Canada, Ranked According to the Gross Value of the Products, 1944.....	39
16. Principal Statistics of the Forty Leading Industries of Canada, Ranked According to the Gross Value of the Products, 1945.....	41
Section 4. Principal Factors in Manufacturing Production.....	42
Subsection 1. Capital Employed.....	42
17. Percentage Distribution of Capital Employed in the Manufacturing Industries of Canada, by Provinces and Industrial Groups, Significant Years, 1917-43.....	42
18. Forms of Capital Employed in the Manufacturing Industries of Canada, by Provinces and Industrial Groups, 1943, with Totals for Significant Years, 1924-42.....	43
Subsection 2. Employment in Manufactures.....	43
19. Salaried Employees and Wage-Earners in the Manufacturing Industries of Canada, with Volume of Manufacturing Production and Comparative Efficiency of Production, 1931-45.....	44
20. Wage-Earners Employed in the Manufacturing Industries of Canada, by Months and Sex, Significant Years, 1922-45.....	45
21. Wage-Earners in Manufacturing Working Specified Numbers of Hours per Week in the Month of Highest Employment, 1938-45.....	46
22. Wage-Earners Working Specified Weekly Hours in the Month of Highest Employment, by Sex, Province and Industrial Group, 1945.....	48
23. Male Wage-Earners in the Forty Leading Industries Working Specified Weekly Hours in the Month of Highest Employment, 1945.....	50
24. Female Wage-Earners in the Forty Leading Industries Working Specified Weekly Hours in the Month of Highest Employment, 1945.....	51
Subsection 3. Salaries and Wages in Canadian Manufacturing Industries.....	52
25. Salaries and Wages Paid in the Manufacturing Industries of Canada, by Provinces and Industrial Groups, 1945, with Totals for Significant Years, 1917-44.....	52
26. Salaries and Wages Paid in the Forty Leading Industries, 1945, with Comparative Figures of Average Salaries and Wages Paid in 1944.....	54
27. Average Annual, Weekly and Hourly Earnings of the Male and Female Wage-Earners, 1934-45.....	56
28. Average Annual, Weekly and Hourly Earnings of Wage-Earners, Classified by Sex, Province and Industrial Group, 1945.....	57
29. The Forty Leading Industries Employing the Greatest Number of Male Wage-Earners, Ranked According to the Average Annual, Weekly and Hourly Earnings, 1945.....	58

TABLE OF CONTENTS—concluded

	PAGE
Part I.—General Analysis of Manufacturing in the Dominion—concluded	
30. The Forty Leading Industries Employing the Greatest Number of Female Wage-Earners, Ranked According to the Average Annual, Weekly and Hourly Earnings, 1945.....	59
31. Average Yearly Earnings, and Index Numbers of Earnings, Cost of Living and Real Wages of Wage-Earners, in Manufacturing Industries, 1931-45.....	60
32. Percentages of Salaries and Wages Paid to the Total Net Values of Manufacturing Production, 1924-45.....	61
Subsection 4. Size of Manufacturing Establishments.....	61
33. Manufacturing Establishments Grouped According to Gross Values of Products, with Total and Average Values of Products in each Class, for Canada, 1929, 1939, 1944 and 1945.....	62
34. Manufacturing Establishments Classified by Number of Employees, by Provinces, 1945.....	63
35. Establishments and Employees in Canadian Manufactures, Grouped According to the Number of Employees per Establishment, 1929, 1939, 1944 and 1945.....	64
36. Percentage Importance of Establishments, Each Employing 200 or more Persons, in the Twenty-five Leading Industries, 1945.....	64
37. Principal Statistics of the Twenty-Five Leading Industries, Grouped According to Number of Employees per Establishment, 1945.....	65
Subsection 5. Power and Fuel.....	69
38. Power Equipment Installed in the Manufacturing Industries of Canada, 1931-44, with Details by Provinces and Industrial Groups, 1945.....	70
39. Fuel and Electricity Used in the Manufacturing Industries of Canada, 1932-44, with Details by Provinces and Industrial Groups, 1945.....	72
Part II. —Provincial and Local Distribution of Manufacturing Production.....	74
1. Summary Statistics of Manufactures in Each Province, Classified by Industrial Groups, 1945.....	74
2. Concentration of Manufacturing Production in Each Province, 1945.....	77
3. Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Number of Employees per Establishment, 1945.....	77
Section 1. The Manufactures of the Maritime Provinces, 1945.....	79
4. Statistics of the Leading Industries of the Maritime Provinces, 1945.....	79
Section 2. The Manufactures of Quebec, 1945.....	80
5. Statistics of the Leading Industries of the Province of Quebec, 1945.....	81
Section 3. The Manufactures of Ontario, 1945.....	82
6. Statistics of the Leading Industries of the Province of Ontario, 1945.....	83
Section 4. The Manufactures of the Prairie Provinces, 1945.....	83
7. Statistics of the Leading Industries of the Prairie Provinces, 1945.....	84
Section 5. The Manufactures of British Columbia, 1945.....	85
8. Statistics of the Leading Industries of British Columbia, 1945.....	86
Section 6. Manufacturing Industries in Cities and Towns.....	86
9. Cities and Towns with a Gross Manufacturing Production of over \$1,000,000 each, Number of Establishments and Total Gross Production in such Cities and Towns as a Percentage of the Grand Total, by Provinces, 1945.....	87
10. Principal Statistics of the Manufacturing Industries of the Six Leading Manufacturing Cities of Canada, 1933-45.....	87
11. Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, Grouped according to the number of Employees per Establishment.....	88
12. Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1945.....	90
13. Principal Statistics by Counties and Census Divisions, 1945.....	94
Appendix I—	
Principal Statistics of the Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1945.....	98
Appendix II—	
Alphabetical List of Products Manufactured in Canada, 1945.....	110
List of Publications on the Census of Manufactures.....	150

Dominion Bureau of Statistics—General Manufactures Branch

OTTAWA, CANADA

Dominion Statistician: HERBERT MARSHALL.

Director, Census of Industry and Merchandising: W. H. LOSEE.

Chief, General Manufactures Branch: A. COHEN.

THE MANUFACTURING INDUSTRIES OF CANADA, 1945

Introduction

This report deals with manufacturing industries in Canada in two main Parts. Part I gives general analyses of manufactures in the Dominion including: the historical development of manufacturing in Canada in so far as statistical data are available; production by industrial groups and individual industries, i.e., a detailed treatment of current production under various groupings and individual industries; general analyses of the principal factors in manufacturing production under such sub-headings as capital, employment, salaries and wages, size of establishment, power and fuel. Part II deals with the provincial and local distribution of manufacturing production.

With regard to the first section of Part I, dealing with historical development, it is impossible to give absolutely comparable statistics over a long period of years. From 1870 to 1915 statistics were collected only in connection with decennial or quinquennial censuses, and there was inevitably some variation in the information collected. The annual Census of Manufactures was instituted in 1917 and, while numerous changes have been made since then in the information collected and the treatment of the data, an effort has been made to carry all major revisions, in so far as possible, back to 1917, so that the figures for the period since then are on a reasonably comparable basis.

The far-reaching influence of the War of 1914-18 was, of course, the outstanding factor in the growth recorded prior to the war now concluded. It was during these years that Canadian manufactures began to develop on a really large scale. Munitions contracts placed by the Imperial Munitions Board of Canada in those years totalled well over \$1,000,000,000 and these did not include such fields of production as shipbuilding and aviation. Shipbuilding construction alone during the War of 1914-18 amounted to \$35,000,000 in 1917, \$75,000,000, in 1918 and \$86,000,000 in 1919. In the same three years, employees in the shipbuilding industry numbered 12,000, 22,000 and 25,000, respectively.

Canada's effort in the Second World War brought manufacturing production to a much higher level than ever before. The tremendous increase in production during the war years is indicated by the increases in some of the main factors of production between 1939 and the highest point attained during the war. For manufacturing as a whole there was an increase of 161 p.c. in the gross value of production, 162 p.c. in the value added by manufacture, 89 p.c. in the number of persons employed, and 175 p.c. in the salaries and wages paid.

As was to be expected, the industries producing the munitions and equipment needed by the armed forces would be the first to feel the effects of the cessation of hostilities. Consequently, the chemical and allied products group suffered the greatest decline in production, as measured by employment, with a drop of 25.8 p.c. in the number of persons employed. This was followed by the iron and its products group with a drop of 21.9 p.c.; non-ferrous metal products, 15.3 p.c.; and miscellaneous industries, 2.3 p.c. On the other hand, the industries producing food, clothing and other consumer goods reported increases in production. Employment in the wood and paper products group was 5.1 p.c. higher, followed by increases of 4.3 p.c. for the animal products group; 3.5 p.c. for vegetable products; 3.3 p.c. for textiles; and 3.0 p.c. for non-metallic mineral products.

Of the forty leading industries in 1945, the following reported substantial declines in the volume of production as measured by the number of persons employed. Employment in the aircraft industry declined by 41,760, miscellaneous chemical products 21,223, shipbuilding and repairs 18,958, miscellaneous iron and steel products 16,300, non-ferrous metal smelting and refining, 7,156, electrical apparatus and supplies 4,705, automobiles 4,584, brass and copper products 4,366, automobile supplies 2,976, scientific and professional equipment 2,618, hardware, tools and cutlery 1,458, and primary iron and steel 1,385.

The following industries reported expanded operations. Employment in the women's factory clothing industry increased by 2,165, pulp and paper 2,100, rubber goods 2,069, bread and other bakery products 1,515, boots and shoes, leather 1,458, printing and bookbinding 1,205, printing and publishing 1,170, butter and cheese, 813, hosiery and knitted goods 715, and railway rolling-stock 604.

Manufacturing establishments reporting in 1945 numbered 29,050. They furnished employment to 1,119,372 persons who received \$1,845,773,449 in salaries and wages. They also produced goods that had a selling value at the factory of \$8,250,368,866 from materials costing \$4,473,668,847. The value added by manufacture totalled \$3,564,315,899.

Geographically, the changes in manufacturing production during 1945 were as follows:

Percentage Variation, 1945 Compared with 1944

Province	Number of Employees	Salaries and Wages	Gross Value of Production
Canada	- 8.5	- 9.1	- 9.1
Prince Edward Island.....	+ 3.6	- 0.9	+ 8.2
Nova Scotia.....	-11.6	-13.7	- 2.3
New Brunswick.....	- 2.9	+ 0.2	+ 3.0
Quebec.....	- 9.5	- 9.1	-13.6
Ontario.....	- 8.2	- 9.5	- 8.6
Manitoba.....	- 6.3	- 4.7	- 3.6
Saskatchewan.....	- 6.0	- 4.5	- 4.4
Alberta.....	- 3.2	- 1.4	- 1.8
British Columbia.....	- 8.4	-10.2	- 4.1

PART I.—GENERAL ANALYSES OF MANUFACTURING IN THE DOMINION

Section 1.—Growth of Manufacturing in Canada

Subsection 1.—Production of Manufactured Products

This section gives a picture of the growth of manufacturing, in general, as shown by comparable principal statistics, i.e., establishments, capital, employees, salaries and wages paid, cost of materials, and values of products. Other useful comparisons are made in Table 4 and figures of consumption are given in Table 5. Tables 6 and 7 show volume comparisons.

1.—Historical Summary of Statistics of Manufactures for the Dominion, 1917-1945

NOTE.—Statistics of manufacturing from 1870 have been published, but between that year and 1917 they are not on a comparable basis to the series given below. They will be found in Table 1 in former editions of this report. Statistics of the non-ferrous metal smelting industries were included in manufactures for the first time in 1925.

Year	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
1917.....	21,845	2,333,991,229	606,523	497,801,844	1,539,678,811	1,281,131,980	2,820,810,791
1918.....	21,777	2,518,197,329	602,179	567,991,171	1,827,631,548	1,399,794,849	3,227,426,397
1919.....	22,083	2,670,559,435	594,066	601,715,668	1,779,056,765	1,442,400,638	3,221,457,403
1920.....	22,532	2,923,667,011	598,893	717,493,876	2,085,271,649	1,621,273,348	3,706,544,997
1921.....	20,848	2,697,858,073	438,555	497,399,761	1,365,292,885	1,123,694,263	2,488,987,148
1922.....	21,016	2,667,493,290	456,256	489,397,230	1,272,651,585	1,103,266,106	2,375,917,691
1923.....	21,080	2,788,051,630	506,203	549,529,631	1,456,595,367	1,206,332,107	2,662,927,474
1924.....	20,709	2,895,317,508	487,610	534,467,675	1,422,573,946	1,075,458,459	2,570,561,931
1925 ²	20,981	3,065,730,916	522,924	569,944,442	1,571,788,252	1,167,936,726	2,816,864,958
1926 ²	21,301	3,208,071,197	559,161	625,682,242	1,712,519,991	1,305,168,549	3,100,604,637
1927 ²	21,501	3,454,825,529	595,052	662,705,332	1,741,128,711	1,427,649,292	3,257,214,876
1928 ²	21,973	3,804,062,566	631,429	721,471,634	1,894,027,188	1,597,887,676	3,582,345,302
1929 ²	22,216	4,004,892,009	666,531	777,291,217	2,029,670,813	1,755,386,937	3,883,446,116
1930 ²	22,618	4,041,030,475	614,696	697,555,378	1,664,787,763	1,522,737,125	3,280,236,603
1931.....	23,083	3,705,701,893	528,640	587,566,990	1,221,911,982	1,252,017,248	2,555,126,448
1932.....	23,102	3,380,475,509	468,833	473,601,716	954,381,097	955,960,724	1,980,471,543
1933.....	23,780	3,279,259,838	468,658	436,247,824	967,788,928	919,671,181	1,954,075,785
1934.....	24,209	3,249,348,864	519,812	503,851,055	1,229,513,621	1,087,301,742	2,393,692,729
1935.....	24,034	3,216,403,127	556,664	559,467,777	1,419,146,217	1,153,485,104	2,653,911,209
1936.....	24,202	3,271,263,531	594,359	612,071,434	1,624,213,996	1,289,592,672	3,002,403,814
1937.....	24,834	3,465,227,831	660,451	721,727,037	2,006,926,787	1,508,924,867	3,625,459,500
1938.....	25,200	3,485,683,018	642,016	705,668,589	1,807,478,028	1,428,286,778	3,337,681,366
1939.....	24,805	3,647,024,449	658,114	737,811,153	1,836,159,375	1,531,051,901	3,474,783,528
1940.....	25,513	4,095,716,836	762,244	920,872,865	2,449,721,903	1,942,471,238	4,529,173,316
1941.....	26,293	4,905,503,966	961,178	1,264,862,643	3,296,547,019	2,605,119,788	6,076,308,124
1942.....	27,862	5,488,785,545	1,152,091	1,682,804,842	4,037,102,725	3,309,973,758	7,553,794,972
1943.....	27,652	6,317,166,727	1,241,068	1,987,292,384	4,690,493,083	3,816,413,541	8,732,860,999
1944.....	28,483	³	1,222,882	2,029,621,370	4,832,333,356	4,015,776,010	9,073,692,519
1945.....	29,050	³	1,119,372	1,845,773,449	4,473,668,847	3,564,315,899	8,250,368,866

¹ In accordance with a resolution passed by the Conference of British Commonwealth Statisticians, 1935, the net value of production is now computed by subtracting the cost of fuel and electricity as well as the cost of materials from the gross value of the products. The figures for 1924 and later years have, therefore, been revised in accordance with this resolution. The revision could not be carried farther back as statistics for cost of electricity are not available for years prior to 1924.

² A change in the method of computing the number of wage-earners in the years 1925 to 1930, inclusive, increased the number somewhat over that which the method otherwise used would have given. In 1931, however, the method in force prior to 1925 was re-adopted. The figures for 1931 and later years are, therefore, comparable with those for 1924 and earlier years.

³ Not collected.

2.—Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-1945

Province and Year	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
Prince Edward Island—							
1917.....	411	2,008,082	1,556	663,251	3,087,621	1,750,135	4,837,756
1920.....	370	2,328,686	1,287	855,210	4,164,223	2,135,857	6,300,080
1922.....	340	2,446,574	1,086	593,660	2,620,235	1,660,282	4,280,517
1929 ²	263	2,646,354	2,074	727,286	2,862,725	1,466,446	4,408,608
1933.....	249	2,256,307	991	529,684	1,590,834	1,126,826	2,775,787
1937.....	240	2,637,472	1,062	607,547	2,386,091	1,117,298	3,566,991
1939.....	222	2,682,900	1,088	617,945	2,239,117	1,243,979	3,543,681
1940.....	219	2,940,818	1,057	645,800	2,518,233	1,270,233	3,856,544
1941.....	213	3,106,369	1,105	680,883	3,229,433	1,347,990	4,649,476
1942.....	243	3,367,368	1,261	842,061	4,789,315	1,973,540	6,855,344
1943.....	230	3,881,832	1,552	1,298,112	6,432,079	3,021,848	9,577,466
1944.....	241	"	1,786	1,694,763	6,993,510	3,570,835	10,713,644
1945.....	234	"	1,851	1,679,212	8,242,949	3,178,434	11,592,753
Nova Scotia—							
1917.....	1,337	124,357,851	25,252	18,838,051	102,415,215	57,565,703	159,980,918
1920.....	1,345	135,679,188	23,425	25,625,089	85,724,785	61,371,243	147,096,028
1922.....	1,092	98,117,937	13,678	11,586,235	37,980,329	27,516,271	65,496,600
1929 ²	1,094	118,951,398	19,986	16,905,885	50,725,562	35,676,421	89,787,548
1933.....	1,277	92,004,624	12,211	9,604,680	25,354,319	19,988,257	47,912,432
1937.....	1,135	94,756,601	18,088	16,727,338	46,964,053	33,146,796	84,393,656
1939.....	1,083	101,954,082	17,627	16,651,685	43,332,195	35,885,563	83,139,572
1940.....	1,155	111,652,959	21,062	21,519,617	62,160,537	46,548,446	113,814,650
1941.....	1,177	124,409,791	24,577	27,527,339	76,779,821	51,318,369	133,873,428
1942.....	1,332	152,668,789	31,818	41,273,942	85,193,680	63,615,890	155,931,264
1943.....	1,278	179,363,703	37,445	55,205,712	96,551,817	84,909,686	188,463,088
1944.....	1,281	"	37,812	59,940,411	103,463,123	93,376,638	204,421,664
1945.....	1,297	"	33,423	51,703,245	107,860,539	84,358,189	199,775,177
New Brunsw- wick—							
1917.....	943	60,300,907	19,710	12,893,014	32,380,621	27,027,725	59,408,346
1920.....	901	101,216,395	19,007	19,266,821	60,812,641	45,803,164	106,615,805
1922.....	846	77,036,627	13,934	11,801,670	38,032,967	25,163,444	63,196,411
1929 ²	803	91,376,948	17,952	15,127,716	39,800,366	26,640,786	68,145,012
1933.....	747	90,148,317	11,336	9,308,100	20,442,421	18,166,713	41,345,622
1937.....	805	89,797,597	15,612	14,563,310	36,983,284	28,770,727	69,479,207
1939.....	803	91,171,323	14,501	13,659,162	35,617,614	27,041,195	66,058,151
1940.....	777	93,108,166	16,859	17,639,789	46,939,404	38,253,475	89,281,008
1941.....	791	97,952,799	19,600	21,718,407	59,234,107	47,296,960	111,433,726
1942.....	867	106,056,835	22,182	26,546,806	64,891,227	53,920,484	123,839,475
1943.....	862	111,287,910	23,225	30,451,181	76,711,513	58,956,676	140,934,879
1944.....	937	"	23,164	32,345,080	83,993,599	62,258,478	152,160,577
1945.....	889	"	22,503	32,408,048	87,235,347	63,380,075	156,623,378
Quebec—							
1917.....	7,032	662,012,975	188,043	141,008,616	385,212,934	380,882,409	766,095,393
1920.....	7,530	878,859,638	183,748	202,516,550	553,558,520	499,643,217	1,053,201,737
1922.....	7,190	800,859,568	143,584	139,876,821	383,298,544	346,020,126	679,318,670
1929 ²	6,948	1,246,208,660	200,580	225,226,808	537,270,055	537,796,395	1,108,592,775
1933.....	7,856	1,035,339,591	157,481	134,696,386	292,560,568	288,504,782	604,496,078
1937.....	8,518	1,117,772,721	219,033	216,971,207	562,889,160	445,885,666	1,046,470,796
1939.....	8,373	1,182,538,441	220,321	223,757,767	536,823,039	470,385,279	1,045,757,585
1940.....	8,381	1,345,927,911	252,492	277,639,876	713,132,575	595,552,909	1,357,375,776
1941.....	8,711	1,700,527,405	327,591	393,819,671	961,162,209	815,086,832	1,841,088,522
1942.....	9,342	1,853,353,668	399,617	536,329,170	1,193,445,432	1,059,873,943	2,333,303,012
1943.....	9,372	2,230,620,386	437,247	658,323,620	1,483,627,797	1,280,097,615	2,852,191,853
1944.....	9,656	"	424,115	668,156,053	1,494,253,053	1,350,519,134	2,929,685,183
1945.....	10,038	"	384,031	607,473,443	1,307,534,193	1,149,390,919	2,531,903,830
Ontario—							
1917.....	9,061	1,157,850,643	299,389	258,393,065	794,556,502	662,174,261	1,456,730,763
1920.....	9,113	1,464,097,346	295,674	362,941,317	1,071,843,374	792,267,562	1,864,110,936
1922.....	8,703	1,400,041,955	235,070	265,818,003	674,025,732	572,098,704	1,246,124,436
1929 ²	9,348	1,986,736,556	328,533	406,622,627	1,056,530,202	916,971,816	2,020,492,433
1933.....	9,542	1,587,947,947	224,816	220,530,088	464,544,563	465,103,842	958,776,858
1937.....	9,796	1,674,806,201	321,743	373,018,048	1,025,871,741	804,703,114	1,880,388,188
1939.....	9,824	1,762,571,669	318,871	378,376,209	907,011,461	791,428,509	1,745,674,707
1940.....	10,040	1,988,461,940	372,643	479,399,188	1,236,738,529	1,004,529,553	2,302,014,654
1941.....	10,250	2,336,788,884	468,230	660,722,278	1,683,912,216	1,360,055,756	3,121,756,568
1942.....	10,711	2,632,519,477	542,958	840,783,705	2,056,746,983	1,671,130,314	3,817,396,404
1943.....	10,587	2,994,953,988	570,017	956,399,212	2,278,871,511	1,844,651,587	4,221,101,063
1944.....	10,731	"	564,392	975,088,060	2,310,347,858	1,930,043,913	4,339,797,784
1945.....	10,869	"	518,056	882,483,387	2,148,290,603	1,720,938,199	3,965,069,021

¹ See footnote 1, Table 1.² See footnote 2, Table 1.³ Information not collected.

2.—Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-1945,
—concluded

Province and Year	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
Manitoba—							
1917.....	732	82,566,858	18,939	16,513,423	69,715,149	42,280,801	111,995,950
1920.....	747	94,424,145	23,728	32,372,081	92,729,271	62,776,912	155,506,183
1922.....	697	65,172,676	13,076	16,853,345	54,373,811	36,842,899	91,216,710
1929 ²	861	121,363,898	24,012	31,224,596	87,832,324	63,925,015	155,266,294
1933.....	1,010	100,074,404	18,871	18,687,430	44,579,998	37,890,275	83,934,777
1937.....	1,043	119,363,026	23,706	27,198,978	87,684,514	49,950,465	140,805,451
1939.....	1,087	119,659,365	23,910	28,444,798	82,408,293	48,810,544	134,293,595
1940.....	1,171	132,978,496	26,679	31,940,562	101,693,250	62,352,699	167,919,165
1941.....	1,184	163,489,471	32,262	40,894,267	132,330,823	74,450,721	211,534,751
1942.....	1,287	175,902,477	37,519	51,605,139	159,248,309	94,856,679	259,554,350
1943.....	1,245	173,752,507	37,003	53,841,825	200,464,756	99,146,670	304,867,912
1944.....	1,290	⁴	40,937	62,758,081	226,234,925	120,339,926	352,354,594
1945.....	1,302	⁴	38,367	59,814,109	216,114,576	117,775,126	339,821,283
Saskatchewan—							
1917.....	560	24,372,585	6,230	5,403,332	22,040,674	13,894,179	35,934,853
1920.....	554	24,640,520	6,709	9,571,175	34,894,105	22,610,861	57,504,966
1922.....	490	22,734,469	3,494	4,734,885	22,366,129	13,186,266	35,552,395
1929 ²	594	43,925,797	7,025	9,105,597	51,003,566	23,002,952	75,368,605
1933.....	673	38,688,433	4,782	4,848,763	19,124,030	11,478,634	31,559,387
1937.....	689	39,279,500	6,107	6,758,154	43,782,999	17,068,655	62,205,884
1939.....	737	37,654,095	6,475	7,346,127	38,782,135	20,283,273	60,650,589
1940.....	814	40,698,082	7,415	8,412,580	48,654,473	25,857,683	76,234,332
1941.....	945	42,158,738	8,546	9,979,974	65,836,308	28,172,441	96,020,975
1942.....	965	45,013,677	9,801	12,543,065	84,208,201	33,933,836	120,256,733
1943.....	976	60,674,093	11,683	16,445,866	111,193,185	37,895,459	152,123,360
1944.....	1,054	⁴	12,361	17,703,103	131,215,017	40,833,333	175,349,234
1945.....	926	⁴	11,617	16,905,606	126,279,202	38,275,127	167,688,133
Alberta—							
1917.....	636	49,146,241	9,461	8,662,417	42,632,212	23,883,673	66,515,885
1920.....	666	48,310,655	10,955	15,210,628	56,139,646	29,812,891	85,952,537
1922.....	556	41,154,178	6,516	8,293,572	30,189,648	18,939,659	49,129,307
1929 ²	736	81,875,952	12,216	14,585,734	62,500,175	36,824,969	100,966,196
1933.....	874	69,604,563	9,753	9,573,468	29,425,975	18,876,929	49,395,514
1937.....	895	70,804,070	12,524	13,903,062	55,898,599	28,923,095	86,225,069
1939.....	961	73,284,225	12,712	14,977,700	53,151,149	32,618,153	87,474,080
1940.....	1,068	78,440,506	14,191	16,824,993	67,429,671	37,747,215	107,313,964
1941.....	1,108	95,676,318	16,761	20,151,705	94,176,887	45,958,219	142,651,493
1942.....	1,115	101,401,133	18,397	23,992,613	117,617,500	57,479,536	178,103,011
1943.....	1,133	111,682,419	20,613	29,494,369	142,057,051	65,796,813	211,159,142
1944.....	1,165	⁴	22,186	33,227,729	172,082,537	77,415,753	252,949,894
1945.....	1,157	⁴	21,486	32,760,326	166,198,136	78,547,626	248,287,504
British Columbia and Yukon—							
1917.....	1,133	171,375,087	37,943	35,426,675	87,637,833	71,673,094	159,310,917
1920.....	1,306	174,110,438	34,360	49,135,005	125,405,084	104,851,641	230,256,725
1922.....	1,102	159,929,346	25,818	29,839,039	79,764,190	61,838,455	141,602,645
1929 ²	1,569	311,806,456	48,153	57,764,968	141,145,838	113,082,137	260,418,645
1933.....	1,552	263,195,652	28,417	28,469,225	70,166,220	59,034,923	133,879,330
1937.....	1,713	256,011,093	42,576	51,979,393	144,466,346	99,359,051	251,924,258
1939.....	1,710	274,969,502	42,554	53,881,994	136,655,872	103,263,292	247,948,600
1940 ³	1,879	300,841,677	49,768	66,727,184	170,357,991	130,206,263	311,046,478
1941 ³	1,905	340,609,179	62,447	89,256,478	219,755,738	181,232,637	412,957,807
1942 ³	1,990	388,649,300	89,570	148,782,063	270,823,072	272,926,065	558,137,606
1943 ³	1,961	450,360,048	102,221	185,711,773	294,445,005	341,699,478	652,046,313
1944 ³	2,116	⁴	96,062	178,639,118	303,560,016	337,137,197	655,844,689
1945 ³	2,326	⁴	87,974	160,419,133	305,759,836	307,954,519	628,903,124
Yukon and N.W.T.—							
1939.....	5	538,847	55	97,766	138,500	92,054	242,968
1940.....	9	666,281	78	123,276	97,240	152,733	266,745
1941.....	9	785,012	59	111,641	129,477	199,863	341,377
1942.....	9	852,827	68	106,278	139,006	263,471	417,773
1943.....	8	589,841	62	120,714	138,369	237,709	395,943
1944.....	12	⁴	67	118,972	189,718	280,803	498,256
1945.....	12	⁴	64	126,940	153,466	517,685	704,663

¹ See footnote 1, Table 1.² See footnote 2, Table 1.³ British Columbia only.⁴ Information not collected.

3.—Summary Statistics of Manufactures, by Industrial Groups, Significant Years, 1917-1945

Industrial Group and Year	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
Vegetable Products—							
1917	4,151	279,627,827	62,777	45,915,557	367,214,061	183,782,501	550,996,562
1920	4,549	402,383,047	74,241	77,750,189	536,828,044	239,328,371	776,156,415
1922	4,638	379,567,139	64,753	66,228,286	333,295,009	210,835,301	544,130,310
1929 ²	5,350	581,820,861	91,032	95,853,121	431,595,751	341,688,938	783,706,883
1933	5,916	522,389,736	75,416	68,535,349	226,879,371	196,820,952	432,315,617
1937	5,968	539,531,357	94,258	94,632,901	395,491,147	266,869,693	672,540,163
1939	5,872	539,446,225	99,447	104,248,785	356,726,153	292,129,840	659,624,014
1940	5,861	586,790,195	103,634	111,915,850	430,120,335	295,582,069	738,432,443
1941	5,948	634,728,760	113,753	131,066,093	532,876,217	349,912,287	897,978,448
1942	5,985	656,756,413	115,476	145,000,211	552,791,525	396,956,313	965,896,035
1943	5,913	684,292,303	117,243	157,733,379	635,042,582	410,340,183	1,062,561,932
1944	5,941	s	130,679	183,943,948	763,606,750	485,551,491	1,270,518,297
1945	5,862	s	135,311	196,010,688	802,367,469	529,112,219	1,352,986,147
Animal Products—							
1917	5,486	207,165,245	46,994	35,753,133	320,302,039	124,103,990	444,406,029
1920	4,823	221,792,457	48,687	54,291,606	400,496,354	152,995,130	553,491,484
1922	5,118	201,829,414	49,595	49,933,679	264,078,631	107,473,382	371,552,013
1929 ²	4,900	243,825,065	67,670	62,081,423	345,351,882	127,929,857	477,761,855
1933	4,496	201,993,642	53,111	46,453,188	179,429,948	87,629,444	271,068,210
1937	4,435	230,312,163	67,996	64,816,361	326,537,087	118,117,971	449,783,908
1939	4,362	250,335,831	69,358	68,231,871	333,647,306	122,821,410	461,983,262
1940	4,250	261,794,531	73,666	75,226,038	398,487,114	211,233,679	546,336,264
1941	4,240	303,657,373	82,131	90,155,037	534,909,242	165,416,939	708,220,447
1942	4,392	322,045,016	87,038	103,620,997	649,160,318	203,152,956	861,190,126
1943	4,380	324,811,863	88,037	114,467,581	750,435,541	211,149,715	971,190,128
1944	4,388	s	94,195	129,215,389	835,586,247	246,064,720	1,092,015,647
1945	4,470	s	98,267	138,405,263	839,885,434	261,069,677	1,111,929,735
Textiles and Textile Products—							
1917	1,067	191,338,745	76,978	47,764,436	131,225,032	109,904,530	241,129,562
1920	1,304	302,758,185	87,730	84,433,609	256,233,300	173,741,035	429,974,335
1922	1,089	259,324,870	80,558	69,685,529	151,333,320	142,577,057	293,910,377
1929 ²	1,534	360,762,584	103,881	94,969,433	217,954,088	180,469,064	403,205,809
1933	1,740	298,730,436	95,707	72,813,424	143,184,861	131,065,992	279,475,267
1937	1,941	322,204,180	121,677	105,056,051	219,813,775	174,076,945	400,383,726
1939	1,930	347,248,927	121,022	107,117,035	203,618,197	181,927,898	392,657,719
1940	1,958	394,043,058	138,973	133,136,316	298,656,288	240,338,903	547,451,110
1941	2,104	439,078,775	156,892	159,339,028	367,149,392	290,105,448	666,438,539
1942	2,369	464,161,573	165,478	185,731,313	441,718,052	341,475,081	793,304,750
1943	2,384	455,056,029	157,987	191,305,628	446,136,675	334,242,717	790,659,927
1944	2,481	s	153,122	195,805,681	419,988,642	351,186,488	781,771,688
1945	2,740	s	158,148	207,629,471	429,208,436	367,980,705	807,722,241
Wood and Paper Products—							
1917	7,263	536,320,247	152,277	113,359,997	148,277,935	245,372,487	393,650,422
1920	7,881	774,937,232	144,391	172,368,578	209,813,724	417,256,115	727,069,839
1922	6,966	761,020,831	118,364	132,092,249	206,860,089	283,006,200	489,866,289
1929 ²	7,392	1,151,463,962	164,572	192,088,948	313,797,201	381,485,477	724,972,308
1933	7,891	927,652,622	105,080	102,218,652	334,663,641	184,233,540	341,336,701
1937	8,497	927,070,757	147,254	165,298,485	256,269,941	306,961,553	597,061,878
1939	8,538	960,804,672	144,782	165,287,455	246,292,820	303,662,441	579,892,183
1940	9,276	1,021,849,742	160,868	193,765,595	315,995,317	396,891,501	750,631,337
1941	9,420	1,086,022,546	179,967	227,821,739	386,999,813	463,967,834	892,936,114
1942	10,222	1,080,457,129	186,106	252,179,776	428,526,286	488,433,355	961,842,906
1943	9,974	1,103,984,216	183,865	264,844,792	447,399,954	508,835,982	1,001,563,243
1944	10,452	s	189,674	284,436,559	497,656,155	550,826,986	1,093,725,822
1945	10,653	s	199,373	306,179,416	551,143,890	586,057,023	1,184,650,720
Iron and Its Products—							
1917	1,495	695,677,552	161,745	161,875,424	378,193,116	371,792,439	749,985,605
1920	1,789	726,371,335	164,087	231,595,911	377,499,134	411,875,057	789,374,191
1922	1,083	567,011,222	78,565	95,443,053	171,529,909	170,769,391	342,299,300
1929 ²	1,224	826,063,942	142,772	203,740,658	405,818,468	367,465,582	720,726,338
1933	1,334	614,632,403	73,348	72,296,179	98,793,191	109,198,169	216,828,992
1937	1,345	651,398,528	127,148	163,261,130	328,091,063	280,165,582	624,819,877
1939	1,394	697,893,720	121,041	158,559,728	262,292,781	275,774,796	553,468,880
1940	1,433	837,382,032	164,325	242,737,569	454,479,763	429,461,950	906,103,055
1941	1,759	1,138,701,669	253,701	408,064,135	715,595,982	735,511,841	1,483,169,765
1942	1,931	1,446,215,017	360,845	639,330,901	985,960,237	1,084,424,334	2,112,822,237
1943	2,044	1,852,506,052	435,744	833,383,684	1,131,858,008	1,396,708,112	2,575,976,547
1944	2,192	s	411,944	818,452,454	1,104,083,922	1,390,703,087	2,540,992,974
1945	2,188	s	321,719	637,335,990	887,425,621	1,046,097,484	1,975,310,083

¹ See footnote 1, Table 1.² See footnote 2, Table 1.³ Information not collected.

3.—Summary Statistics of Manufactures, by Industrial Groups, Significant Years, 1917-1945—concluded

Industrial Group and Year	Establishments	Capital	Employees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
Non-Ferrous Metal Products—							
1917	296	69,421,911	18,220	15,898,890	46,445,469	41,039,351	87,484,820
1920	324	109,382,033	23,162	27,895,343	48,434,120	52,847,178	101,281,298
1922	325	102,208,275	18,222	21,451,629	30,861,895	39,993,798	70,855,693
1929 ²	408	298,721,106	39,867	54,501,806	124,900,632	150,415,215	283,545,666
1933	478	266,266,443	25,273	28,099,026	71,990,608	88,427,984	164,765,604
1937	526	306,522,643	44,614	57,722,728	282,532,128	182,968,223	482,440,562
1939	526	346,489,890	44,563	59,684,858	242,063,177	155,808,806	416,060,459
1940	545	425,766,853	54,317	75,655,811	307,808,225	210,352,784	540,781,367
1941	579	545,862,427	73,450	108,895,000	406,132,161	288,823,325	726,348,447
1942	596	612,513,064	90,937	146,690,366	505,122,844	355,005,408	901,569,437
1943	597	674,802,402	109,522	186,874,396	615,283,895	369,005,912	1,034,390,379
1944	635	3	104,314	182,909,292	549,317,062	399,498,519	992,345,975
1945	683	3	88,350	158,358,737	429,913,071	316,572,975	779,384,900
Non-Metallic Mineral Products—							
1917	1,075	145,423,082	20,795	18,224,724	36,994,302	58,092,396	95,086,788
1920	846	215,281,921	25,500	32,351,764	69,856,558	80,205,472	150,062,030
1922	812	230,486,004	20,932	25,401,278	60,671,305	74,022,607	134,693,912
1929 ²	843	316,692,818	29,257	38,958,390	112,573,103	99,065,847	229,774,307
1933	770	295,139,543	16,975	19,282,401	69,077,701	52,817,078	131,325,706
1937	823	287,473,542	23,837	30,389,958	115,938,578	77,667,225	208,205,148
1939	809	290,865,285	23,026	30,067,934	107,979,292	85,511,631	208,166,781
1940	804	309,092,155	25,415	34,897,235	139,312,380	97,693,069	255,624,325
1941	773	325,032,038	28,829	42,376,214	183,140,990	117,425,887	324,289,898
1942	782	329,401,312	30,707	48,702,880	191,143,787	141,216,996	358,075,414
1943	747	351,164,254	30,994	53,282,340	215,139,225	146,460,170	388,713,942
1944	748	3	31,590	56,130,338	234,714,319	152,525,053	416,268,879
1945	789	3	32,525	57,193,679	231,341,920	145,197,043	405,736,477
Chemicals and Allied Products—							
1917	539	175,836,690	56,153	51,505,484	99,068,092	131,381,995	230,450,087
1920	464	122,123,730	17,653	22,193,421	62,644,608	65,183,212	127,827,820
1922	469	118,025,483	14,082	16,770,503	37,650,061	48,981,277	86,631,338
1929 ²	554	165,886,912	16,694	22,639,449	55,184,337	78,785,911	138,545,221
1933	696	153,900,930	15,397	18,738,629	34,271,854	55,394,284	92,820,761
1937	754	161,165,068	21,968	28,612,719	64,460,947	79,290,240	148,973,220
1939	808	172,459,365	22,595	31,567,558	65,230,839	89,046,832	159,536,984
1940	804	213,610,510	27,682	38,640,990	82,534,474	104,121,900	193,890,338
1941	849	358,429,529	54,014	75,634,741	134,924,947	157,304,350	304,400,569
1942	928	471,679,779	93,030	134,345,942	233,386,894	252,390,766	501,656,123
1943	945	759,864,951	92,288	146,677,194	368,111,343	379,453,873	765,217,887
1944	981	3	81,822	137,422,977	360,412,749	355,260,598	733,569,232
1945	973	3	60,723	106,017,985	212,197,636	249,701,603	478,532,689
Misc. Industries—							
1917	473	33,179,930	10,584	7,504,199	11,958,675	15,662,241	27,620,916
1920	552	48,637,071	13,442	14,613,455	23,465,807	27,841,778	51,307,585
1922	516	48,020,052	11,185	12,391,024	16,371,366	25,607,093	41,978,459
1929 ²	421	59,654,759	10,786	12,457,989	22,495,351	28,081,046	51,207,736
1933	459	33,554,083	8,351	7,810,976	9,497,751	14,083,738	24,138,927
1937	545	39,549,593	11,699	11,936,704	17,792,121	22,807,435	41,251,081
1939	566	41,480,534	12,280	13,045,929	18,308,810	24,368,247	43,393,206
1940	582	44,937,760	13,364	14,897,461	22,328,007	26,795,383	49,923,074
1941	621	73,990,849	18,441	21,480,656	34,818,275	36,651,877	72,525,897
1942	657	105,556,242	22,474	27,202,456	49,292,782	46,918,549	97,437,944
1943	668	110,684,657	25,388	38,723,390	81,085,860	60,156,877	142,587,014
1944	665	3	25,542	41,304,732	66,967,507	84,159,068	152,484,005
1945	692	3	24,956	38,642,220	90,185,370	62,527,170	154,115,874

¹ See footnote 1, Table 1.² See footnote 2, Table 1.³ Information not collected.

The figures in Table 4 trace the tendencies in Canadian manufacturing industries as clearly as possible through the latest period of their development. In analysing statistics of production and materials used, it should be borne in mind that, due to the inflation of values from 1914 through the immediate post-war period and the drop in prices of commodities during the depressions following 1921 and 1930, the figures for these periods are not completely comparable. One very important figure, however, which shows the trend of development clearly, is concerned with the use of power. The total horse-power employed increased from 1,658,475 in 1917 to 6,606,651 in 1945, an increase of about 298 p.c. in 28 years. In the same period, horse-power per wage-earner showed an interrupted trend from 3.06 to 10.82 in 1933 and 9.46 in 1939. With the large increase in the number of wage-earners on war production, and the more efficient utilization of the equipment available, the horse-power per wage-earner dropped to 6.28 in 1944 and 7.11 in 1945. The significant feature is the increase in both the absolute figure of power employed and the averages per wage-earner during the depression years as compared with 1929, although the large numbers of persons again finding employment since 1933 reduced the averages for the years 1934 to 1937 and again for 1940 to 1945. Other interesting comparisons are the trend of value added by manufacture, per employee, and of average salaries and wages paid since 1929.

Subsection 2.—Consumption of Manufactured Products

One of the beneficial results of adopting the same classification for external trade and for production is exhibited in Table 5, where the value of commodities made available for consumption in Canada is derived from these statistics. For example, the value of all manufactured commodities made available in 1945 was \$7,015,471,944, a figure obtained by adding to the value of manufactured products the value of the imports of manufactured and partly manufactured goods and deducting the value of the exports.

In past years there have always been large amounts of manufactured animal, wood and non-ferrous metal products available for consumption in Canada with considerable surplus left for export. With the commencement of the War, however, it was necessary to export more and more of such goods to the United Kingdom, and while this was done mainly by increasing production, Government control of consumption at home grew stronger as the War advanced. In the case of manufactured vegetable products, the figures for 1945 showed large excesses of exports over imports for such products as cereal foods (including flour), canned and dehydrated vegetables, etc. Excesses of imports were chiefly confined to cocoa, tea, coffee and preserved fruits and fruit juices, in which cases domestic production cannot be substituted.

On balance, Canada, in the past, imported large quantities of iron and steel, textile and non-metallic mineral products in spite of large home production. The urgent requirements for munitions of war brought about an expansion of the iron and steel, chemical and non-ferrous metals industries that will enable Canada to meet most requirements for home consumption in the future.

4.—Summary Statistics of Manufactures, Significant Years, 1917-15

Item	1917	1920	1920 ¹	1933	1937	1939	1944	1945
Establishments.....	No.	22,532	22,216	23,780	24,834	24,805		
Capital.....	\$	2,923,667,011	4,004,892,009	3,279,259,838	3,465,227,831	3,647,024,449	28,483	29,050
Averages, per establishment.....		129,756	180,271	137,900	139,536	147,028	2	2
Averages, per employee.....		4,882	6,009	6,997	5,247	5,542	-	-
Averages, per wage-earner.....		4,309	5,616	6,983	5,384	5,542	-	-
Totals, employees.....	No.	598,893	666,531	468,058	660,481	658,114		
Averages, per establishment.....		26.6	30.0	19.7	26.6	26.5	1,222,882	1,119,372
Totals, salaries and wages.....	\$	717,493,876	777,291,217	436,247,824	721,727,037	737,811,153	42.9	38.5
Averages, per establishment.....		31,883	34,988	18,345	29,062	29,744	2,029,621,370	1,845,773,449
Averages, per employee.....		1,198	1,166	931	1,093	1,121	71,257	63,538
Employees on salaries.....	No.	64,918	88,841	86,636	115,827	124,772	1,660	1,649
Averages, per establishment.....		3.0	4.0	3.6	4.7	5.0	192,558	190,707
Salaries.....	\$	85,353,667	141,837,361	139,317,946	195,983,475	217,839,334	6.8	6.6
Averages, per salaried employee.....		1,315	1,576	1,608	1,692	1,746	418,085,594	417,857,619
Employees on wages.....	No.	541,605	520,559	382,022	544,624	533,342	2,171	2,191
Averages, per establishment.....		24.8	26.0	16.1	21.9	21.5	1,030,324	928,065
Wages.....	\$	412,448,177	575,656,515	296,929,878	525,743,562	519,971,819	36.2	32.0
Averages, per wage-earner.....		762	1,106	777	965	975	1,611,555,776	1,427,915,830
Cost of materials.....	\$	1,539,678,811	2,085,276,649	967,788,928	2,006,926,787	1,836,159,375	1,564	1,538
Averages, per establishment.....		70,482	92,547	40,698	80,814	74,024	4,832,333,356	4,473,688,847
Averages, per employee.....		2,539	3,482	2,065	3,039	2,790	169,057	153,900
Values added in manufacture ²	\$	1,281,131,980	1,621,273,348	919,671,181	1,508,024,867	1,531,051,901	3,952	3,907
Averages, per establishment ³		58,646	71,954	38,674	60,760	61,794	4,015,776,010	3,564,315,839
Averages, per employee ³		2,112	2,707	1,992	2,285	2,326	140,989	122,686
Gross value of products.....	\$	2,820,810,791	3,706,544,997	1,954,075,785	3,625,459,500	3,474,783,328	3,284	3,184
Averages, per establishment.....		129,128	164,501	82,173	145,988	140,084	9,073,692,519	8,250,308,866
Averages, per employee.....		4,651	6,189	4,170	5,489	5,280	318,565	284,006
Power employed.....	h.p.	1,658,475	2,068,875	4,135,008	4,712,283	5,045,287	7,420	7,371
Averages, per establishment.....		76	92	174	190	203	6,468,437	6,606,651
Averages, per wage-earner.....		3.06	3.97	6.67	8.65	9.46	227	227
				10.82			6.28	7.11

¹ A change in the method of computing the number of wage-earners in the years 1925 to 1930, inclusive, increased the number somewhat over that which the method otherwise used would have given. There was, therefore, a proportionate reduction in the averages for 1925-30 per employee and wage-earner, as compared with what these averages would have been under the other method. In 1931, however, the method in force prior to 1925 was re-adopted. The figures for 1931 and later years are, therefore, comparable with those for 1924 and earlier years.

² Not collected.

³ Net values of products; see footnote 1, Table 1.

5.—Consumption of Manufactured Products, 1928-1945

Year	Value of Products Manufactured	Manufactured and Partly Manufactured Goods ¹		Value of Manufactured Products Available for Consumption
		Value of Net Imports	Value of Domestic Exports	
	\$	\$	\$	\$
1928.....	3,582,345,302	954,387,551	698,376,615	3,838,356,238
1929.....	3,883,446,116	939,130,201	686,876,071	4,135,700,246
1930.....	3,280,236,603	675,828,233	490,108,470	3,465,956,366
1931.....	2,555,126,448	423,519,849	347,456,198	2,631,190,099
1932.....	1,980,471,543	281,855,757	267,765,614	1,994,561,688
1933.....	1,954,075,785	298,068,344	365,232,113	1,886,912,016
1934.....	2,393,692,729	357,320,284	419,094,297	2,331,918,716
1935.....	2,653,911,209	385,597,041	582,041,141	2,457,467,109
1936.....	3,002,403,814	468,455,981	676,890,803	2,793,968,992
1937.....	3,625,459,500	566,876,483	781,099,407	3,411,236,576
1938.....	3,337,681,366	472,193,253	587,758,795	3,222,115,824
1939.....	3,474,783,528	542,364,930	646,853,938	3,370,294,520
1940.....	4,529,173,316	807,636,948	913,049,979	4,423,760,285
1941.....	6,076,308,124	1,123,994,913	1,292,855,603	5,907,447,434
1942.....	7,553,794,972	1,283,884,068	2,056,368,079	6,781,310,961
1943.....	8,732,860,999	1,305,838,746	2,444,862,298	7,593,837,447
1944.....	9,073,692,519	1,302,413,996	2,668,575,781	7,707,530,734
1945.....	8,250,368,866	1,117,544,874	2,352,441,796	7,015,471,944

¹Imports and exports of manufactured and partly manufactured goods for the years 1928 to 1938 are for the fiscal years ended Mar. 31 of the following years, while for 1939 to 1945 they are for the calendar year. Net imports are total imports less foreign products re-exported.

Section 2.—Value and Volume of Manufactured Products

Value of Manufactured Products.—In the interpretation of manufacturing values over a number of years, variations in the level of prices must be borne in mind, especially when such variations have been as great as those in the period since the annual Census of Manufactures was begun in 1917. The index number of wholesale prices in Canada, on the 1926 base, compiled by the Dominion Bureau of Statistics, stood at 114·3 in 1917, 155·9 in 1920, 97·3 in 1922, 95·6 in 1929, 67·1 in 1933, 84·6 in 1937, 75·4 in 1939 and 103·6 p.c. in 1945. Index numbers of the prices of fully or chiefly manufactured goods were: 113·5 in 1917, 156·5 in 1920, 100·4 in 1922, 93·0 in 1929, 70·2 in 1933, 80·5 in 1937, 75·3 in 1939 and 94·0 p.c. in 1945.

Volume of Manufacturing Production.—Since real income is ultimately measured in goods and services, the growth of the volume of manufacturing production, as distinguished from its value, becomes a matter of great significance. The important thing to know is whether consumers are getting more goods and services, not whether they are expending more dollars and cents.

The index of volume (Table 6) is based on the quantities of manufactured products reported. The industry indexes are weighted according to the values added by manufacture. The indexes for the years 1923-31 are based on the values added in 1926. The weights and products were changed in 1931, 1936 and then again in 1941. By changing the weights and products used in the construction of the index every five years, current changes in production are thereby reflected more accurately.

The physical volume of manufacturing production increased 50.2 p.c. from 1923 to 1929. When it is recalled that the population of Canada is estimated to have increased only 11.1 p.c. during the same period, the growth of manufacturing production is indeed remarkable. Of this advance, the part resulting from an increase in the domestic demand due to growth of population would therefore be about 11.1 p.c. Exports of partly and fully manufactured goods increased from \$591,830,000 in the fiscal year ended Mar. 31, 1924, to \$686,876,000 in the fiscal year 1929-30, the increase in exports representing about 3.6 p.c. of the 1923 production. The remainder of the increase in production by 1929, or a margin equal to roughly 35 p.c. of the volume of manufactures of 1923, was, therefore, apparently absorbed by increases in capital equipment and by the rise in the standard of living of the population of Canada.

A similar analysis of the volume of manufactures since 1929 in relation to population and exports would show that the decline in the depression preceding the Second World War was due chiefly to reduced exports and a cessation in production of capital equipment. As a result of the expansion in production resulting from the demands created by the War, the physical volume of production in 1943 when production was at an all-time high increased by 76.6 p.c. since 1939 and by 85.1 p.c. since 1929. The chemical and allied products group, with an increase of 262.5 p.c., reported the greatest expansion in output since 1939. This was followed by the iron and its products group with an increase of 222.2 p.c., non-ferrous metal products 129.9 p.c., miscellaneous industries 68.0 p.c., non-metallic mineral products 55.6 p.c., animal products 40.4 p.c., textiles and textile products 33.7 p.c., vegetable products 24.6 p.c., and wood and paper products 21.4 p.c. There was also an increase in the volume of consumer goods. As was to be expected, the increase was not so great as that for the output of equipment and supplies needed by the Armed Forces. Drink and tobacco increased by 50.5 p.c., food 26.8 p.c. and clothing 24.7 p.c.

In 1945 the index of the physical volume of production at 165.3 represented a drop of 11.9 p.c. from the high mark attained in 1943. Chemicals and allied products had the sharpest decline of 34.9 p.c., followed by non-ferrous metal products with 30.5 p.c.; iron and its products 24.6 p.c. and textiles and textile products 3.9 p.c. The vegetable, wood and paper, animal, non-metallic mineral, and miscellaneous industries groups on the other hand reported an increase in the volume of production. The volume of consumers goods continued to rise with the drink and tobacco group reporting an increase of 21.2 p.c., followed by books and stationery with 12.3 p.c., personal utilities 12.1 p.c., food 9.8 p.c., house furnishings 4.3 p.c., and clothing 1.3 p.c. Industrial equipment and producers materials were both down with declines of 18.8 and 11.5 p.c. respectively. Vehicles and vessels also declined 22.4 p.c.

6.—Indexes of the Volume of Manufacturing Production, According to Component Material and Purpose Classifications, 1923-1945

(1935-39=100)

Year	COMPONENT MATERIAL CLASSIFICATION GROUPS									
	All Industries	I	II	III	IV	V	VI	VII	VIII	IX
1923.....	67.5	62.6	75.0	64.3	65.1	81.5	42.7	81.8	59.2	99.5
1924.....	66.3	67.8	80.4	62.1	64.0	68.6	46.4	78.9	60.5	95.0
1925.....	72.5	75.1	84.8	66.5	69.0	79.9	52.5	80.3	64.8	94.5
1926.....	82.5	80.2	92.2	75.8	78.1	102.6	58.6	89.6	70.5	104.4
1927.....	87.9	84.9	90.0	81.4	84.1	104.1	67.6	102.3	75.2	114.2
1928.....	95.8	93.5	92.9	87.0	92.5	117.1	75.3	116.3	82.7	110.5
1929.....	101.4	96.4	87.9	86.1	99.6	133.4	81.3	137.1	84.8	105.6
1930.....	91.9	91.6	85.3	80.0	92.1	108.6	76.8	122.9	74.9	87.8
1931.....	79.9	83.4	77.4	78.2	76.6	82.8	73.1	105.6	69.2	80.0
1932.....	67.6	74.1	76.7	74.6	68.0	53.5	58.9	75.1	66.0	75.8
1933.....	67.7	72.8	79.6	81.1	69.6	50.2	57.6	68.8	69.9	71.9
1934.....	79.6	82.4	86.5	89.5	81.5	67.6	70.8	82.5	79.3	85.2
1935.....	87.9	87.0	91.3	94.5	89.5	83.4	81.2	88.1	87.2	91.1
1936.....	96.2	95.9	98.7	99.9	98.4	93.5	91.5	96.8	93.6	91.7
1937.....	108.9	104.5	102.7	106.0	109.6	118.1	110.1	111.3	107.3	106.6
1938.....	100.8	102.4	100.3	94.5	97.8	102.8	106.0	101.6	102.9	105.3
1939.....	106.3	109.0	107.2	104.9	104.4	101.9	111.1	105.1	108.9	110.7
1940.....	125.2	117.9	118.7	124.8	117.8	141.2	133.2	127.8	130.2	116.3
1941.....	155.9	137.2	138.2	143.1	131.3	217.1	165.4	148.8	219.6	157.4
1942.....	179.9	136.4	145.0	152.4	131.2	289.2	213.7	157.6	369.6	180.2
1943.....	187.7	135.8	150.5	140.2	126.7	328.3	255.4	163.5	394.8	186.0
1944.....	180.8	155.0	155.9	136.2	129.1	300.5	229.6	166.5	338.8	192.0
1945.....	165.3	159.0	159.9	134.7	136.2	247.7	177.6	169.0	257.2	195.6

I. Vegetable products IV. Wood and paper products VII. Non-metallic mineral products
 II. Animal products V. Iron and its products VIII. Chemicals and allied products
 III. Textiles and textile products VI. Non-ferrous metal products IX. Miscellaneous industries

Year	PURPOSE CLASSIFICATION GROUPS										
	All Industries	I	II	III	IV	V	VI	VII	VIII	IX	X
1923.....	67.5	73.7	69.2	50.1	85.1	62.1	56.1	69.3	64.3	77.4	45.0
1924.....	66.3	79.0	69.3	57.4	81.2	69.4	46.8	65.8	64.2	67.4	47.1
1925.....	72.5	84.0	74.4	61.0	87.0	67.7	54.8	71.9	69.6	83.3	48.7
1926.....	82.5	87.0	83.5	65.9	99.6	78.7	60.3	81.6	84.3	108.3	52.9
1927.....	87.9	85.0	89.0	75.8	105.9	95.0	67.0	86.6	91.7	115.2	55.8
1928.....	95.8	90.2	96.0	86.0	106.5	98.3	74.1	95.7	101.6	122.6	69.0
1929.....	101.4	89.4	95.8	92.6	101.5	108.3	79.3	101.8	109.2	142.6	66.2
1930.....	91.9	91.0	88.5	86.3	84.1	98.8	78.7	90.7	97.0	115.6	55.5
1931.....	79.9	83.4	85.1	78.0	78.2	85.9	75.0	76.4	82.0	82.7	56.4
1932.....	67.6	80.6	77.8	67.0	70.3	70.7	76.9	61.2	63.7	56.8	52.6
1933.....	67.7	79.9	81.7	63.4	70.7	68.7	73.5	63.6	59.2	57.7	59.9
1934.....	79.6	87.8	87.7	72.7	79.5	79.1	83.6	77.3	73.8	76.6	72.8
1935.....	87.9	90.5	92.2	82.5	87.6	85.9	93.4	86.2	84.7	90.5	78.6
1936.....	96.2	98.8	97.9	90.9	94.3	95.4	96.3	97.0	94.9	94.3	87.2
1937.....	108.9	101.5	103.9	107.6	106.7	110.5	101.7	111.8	113.3	118.0	109.6
1938.....	100.8	102.4	97.9	107.5	103.0	101.6	103.8	98.0	102.0	99.9	109.1
1939.....	106.3	107.0	108.2	111.6	108.5	106.5	104.7	106.9	105.1	97.4	115.5
1940.....	125.2	115.0	119.9	129.7	115.1	120.5	102.8	128.7	138.7	129.5	180.3
1941.....	155.9	131.7	136.0	149.5	140.0	140.4	112.8	151.1	184.9	230.8	230.8
1942.....	179.9	130.6	142.7	171.2	144.6	149.4	106.6	172.3	222.8	310.2	430.9
1943.....	187.7	135.7	134.9	167.9	141.7	149.7	107.2	172.7	257.0	373.0	405.1
1944.....	180.8	147.5	135.7	193.0	143.9	153.6	110.7	164.4	237.6	369.5	362.4
1945.....	165.3	149.0	136.7	203.5	158.9	156.1	120.4	152.8	208.6	289.4	257.8

I. Food
 II. Clothing
 III. Drink and tobacco
 IV. Personal utilities
 V. House furnishings

VI. Books and stationery
 VII. Producer materials
 VIII. Industrial equipment
 IX. Vehicles and vessels
 X. Miscellaneous

7.—Indexes of the Volume of Manufacturing Production for the Groups of the Purpose Classification, Significant Years, 1923-45

(1935-39=100)

Group and Classification	1923	1929	1933	1939	1943	1944	1945
Food	73.7	89.4	79.9	107.0	135.7	147.5	149.0
Breadstuffs.....	81.0	98.7	84.3	106.9	138.7	141.5	144.5
Fish.....	108.5	114.1	86.7	98.8	131.9	125.5	161.5
Fruit and vegetable preparations.....	32.9	70.8	64.5	109.9	107.0	151.3	133.7
Meats.....	72.7	78.5	76.2	106.0	165.3	196.6	178.4
Milk products.....	69.8	77.2	78.7	107.3	145.5	147.1	148.7
Oils and fats.....	52.0	40.9	41.9	156.4	314.0	321.2	336.6
Sugar.....	79.2	88.5	82.5	109.4	83.3	98.8	95.0
Infusions.....	64.4	75.0	82.5	105.8	156.2	172.6	195.5
Miscellaneous.....	46.5	67.4	66.5	110.4			
Clothing	69.2	95.8	81.7	108.2	134.9	135.7	136.7
Boots and shoes.....	73.0	100.6	80.0	113.4	107.9	112.6	129.9
Fur goods.....	41.1	97.6	81.0	118.3	169.7	171.1	195.0
Garments and personal furnishings.....	75.3	94.2	80.2	103.1	153.9	146.5	144.4
Gloves and mittens.....	59.2	84.0	76.4	100.4	167.1	179.7	172.5
Hats and caps.....	58.6	95.3	74.3	104.5	130.9	122.4	123.9
Knitted goods.....	64.8	86.1	83.1	112.4	118.2	119.5	120.4
Waterproofs.....	48.9	89.8	65.7	100.4	250.0	171.4	160.9
Drink and Tobacco	50.1	92.6	63.4	111.6	167.9	193.0	203.5
Beverages, alcoholic.....	49.5	105.9	60.5	102.8	165.8	199.3	229.5
Beverages, non-alcoholic.....	35.9	61.3	54.9	136.4	178.6	207.8	171.8
Tobacco.....	55.3	90.7	77.1	111.3	170.6	184.0	210.1
Personal Utilities	85.1	101.5	70.7	108.5	141.7	143.9	158.9
Jewellery and time-pieces.....	78.4	88.5	67.7	108.1	140.0	148.3	167.6
Recreational supplies.....	193.3	176.7	48.2	114.1	152.4	170.3	189.2
Personal utilities.....	56.1	79.8	78.1	107.5	142.6	139.8	152.5
House Furnishings	62.1	108.3	68.7	106.5	149.7	153.6	156.1
Books and Stationery	56.1	79.3	73.5	104.7	107.2	110.7	120.4
Producers Materials	69.3	101.8	63.6	106.9	172.7	164.4	152.8
Farm materials (fertilizers).....	8.0	13.4	51.7	124.8	204.5	226.3	236.3
Manufacturers materials.....	58.7	88.1	64.4	105.6	169.1	159.7	146.8
Building materials.....	109.3	152.9	58.8	111.2	154.8	156.2	162.7
General materials.....	86.0	120.3	69.3	108.5	190.0	198.7	202.8
Industrial Equipment	64.3	109.2	59.2	105.1	257.0	237.6	208.6
Farming equipment.....	97.7	144.7	43.3	85.1	240.7	226.3	211.0
Manufacturing equipment.....	66.5	101.3	44.9	107.6	293.5	271.4	244.1
Trading equipment.....	55.2	77.2	80.0	107.7	Nil	Nil	Nil
Service equipment.....	67.7	75.8	72.5	100.4	317.8	240.0	220.9
Light, heat and power equipment.....	46.6	104.8	61.7	105.0	220.7	224.5	199.7
General equipment.....	74.2	114.4	58.5	106.4	292.8	256.5	217.3
Vehicles and Vessels	77.4	142.6	57.7	97.4	373.0	369.5	289.4
Miscellaneous	45.0	66.2	59.9	115.5	405.1	362.4	257.8
Totals, All Manufactures	67.5	101.4	67.7	106.3	187.7	180.8	165.3

Section 3.—Production by Industrial Groups and Individual Industries

For the purposes of the Census of Manufactures, the main detailed analysis is made under a classification in which industries are grouped according to the chief component materials of the goods manufactured. This is, therefore, the grouping used in Table 10, where the statistics of individual industries are presented in detail and in the historical series shown in Table 3. However, there are also less detailed analyses under the standard classification grouping given in Table 11, purpose groupings in Table 12 and under origin groupings in Table 13.

Subsection 1.—Manufactures Grouped by Chief Component Materials

A classification based on the chief component materials in the various products of each manufacturing establishment was applied for the first time in the compilation of the returns for 1920. The number of groups was reduced from fifteen to nine to

correspond with the external trade classification and the classes of industry were somewhat altered to conform with recent industrial developments. Subsequently, a number of minor changes were made, the most important being the elimination of central electric stations and the dyeing, cleaning and laundry industry from the compilation in 1936. Revisions due to these changes have been carried back to 1917 in so far as possible.

Recent Changes in Manufacturing Production.—Table 8 shows the effects of the depression, the recovery since 1933, and the impact of the Second World War upon the main groups of industries with regard to the numbers employed, the salaries and wages paid, and the gross value of products. Owing to the price decline during the depression, money values of both wages and products were naturally affected more than number of employees. Furthermore, during periods of curtailed production there is a tendency for wage-earners to be put on part time, while the number of salaried employees responds less quickly to reduction in output than that of wage-earners. Therefore, there are several reasons why the variation in number of employees should be less than that of money values. The figures of Table 8 are to be compared with those of Table 6 which shows changes in volume of production. Compared with 1939, the number of employees in 1944 increased by 85.8 p.c. as compared with an increase of 70.1 p.c. in the physical volume of production. Salaries and wages paid were 175.1 p.c. higher and the gross value of production 161.1 p.c. higher. Another significant change is the increase in the proportion of women engaged in manufacturing. Whereas in 1939, there were 281 females to every 1,000 males employed, in 1944 this figure jumped to 403.

8.—Percentage Variation in Employment, Salaries and Wages, and Gross Value of Products in the Main Industrial Groups, Compared for Significant Years, 1929-44

NOTE.—The highest pre-depression year was 1929, while the lowest depression year was 1933.

Industrial Group	1933 Compared with 1929			1939 Compared with 1929			1944 Compared with 1939		
	Em- ployees	Salaries and Wages	Gross Value of Pro- ducts	Em- ployees	Salaries and Wages	Gross Value of Pro- ducts	Em- ployees	Salaries and Wages	Gross Value of Pro- ducts
Vegetable products.....	-17.2	-28.5	-44.8	+ 9.2	+ 8.8	-15.8	+31.4	+ 76.4	+ 92.6
Animal products.....	-21.5	-25.2	-43.3	+ 2.5	+ 9.9	- 3.3	+ 35.8	+ 89.4	+136.4
Textile products.....	- 7.9	-23.3	-30.7	+16.5	+12.8	- 2.6	+ 26.5	+ 82.8	+ 99.1
Wood and paper products.	-36.1	-46.8	-52.9	-12.0	-14.0	-20.0	+ 31.0	+ 72.1	+ 88.6
Iron and its products.....	-48.6	-64.5	-72.6	-15.2	-22.2	-30.0	+240.3	+416.2	+359.1
Non-ferrous metals.....	-36.6	-48.4	-41.9	+11.8	+ 9.5	+46.7	+134.1	+206.5	+138.5
Non-metallic minerals.....	-42.0	-50.5	-42.8	-21.3	-22.8	- 9.4	+ 37.2	+ 86.7	+100.0
Chemicals.....	- 7.8	-17.2	-33.0	+35.3	+39.4	+15.2	+262.1	+335.3	+359.8
Miscellaneous products....	-22.6	-37.3	-52.9	+13.9	+ 4.7	-15.3	+108.0	+216.6	+251.4
Averages, All Industries.	-29.7	-43.9	-49.7	- 1.3	- 5.1	-10.5	+ 85.8	+175.1	+161.1

Significant changes in the nature of manufacturing production took place with the cessation of hostilities in 1945. As was to be expected, manufacturers began to change over from war to peace-time production almost immediately, with the result that industries engaged in producing the equipment and supplies needed by the armed forces reported a substantially lowered output while industries producing consumer goods materially stepped up their production. The changes which took place are summarized in Table 9.

9.—Percentage Variation in Employment, Salaries and Wages, and Gross Value of Products in the Main Industrial Groups, 1945 Compared with 1944

Group	Number of Employees	Salaries and Wages	Gross Value of Production
All Groups	— 8.5	— 9.1	— 9.1
Vegetable products.....	+ 3.5	+ 6.6	+ 6.5
Animal products.....	+ 4.3	+ 7.1	+ 1.8
Textiles and textile products.....	+ 3.3	+ 6.0	+ 3.3
Wood and paper products.....	+ 5.1	+ 7.6	+ 8.3
Iron and its products.....	—21.9	—22.1	—22.3
Non-ferrous metal products.....	—15.3	—13.4	—21.5
Non-metallic mineral products.....	+ 3.0	+ 1.9	— 2.5
Chemicals and allied products.....	—25.8	—22.9	—34.8
Miscellaneous industries.....	— 2.3	— 6.4	+ 1.1

Detailed Statistics by Groups and Individual Industries.—Table 10 presents for the year 1945 detailed statistics regarding the individual industries under which all industrial plants in the Dominion are classified. The industries are further assembled under nine main groups according to the principal component material of their products.

In interpreting the statistics of individual industries it should be remembered that the figures on employment, production, etc., do not refer to individual products but to all the products made in an industry. For example, the value of production of the biscuit and confectionery industry amounting to \$84,627,083 in 1945 does not mean that this was the value of biscuits and confectionery produced. What it means is that the firms whose principal products were biscuits and confectionery had a value of production of \$84,627,083. This figure, in addition to biscuits and confectionery, includes all the subsidiary products made by these firms, such as ice cream, which was valued at \$1,457,452, and bread and other bakery products amounting to \$4,872,653. Biscuits and confectionery are also produced as subsidiary products by firms credited to other industrial classifications. The bread and other bakery products industry, for example, reported an output of \$245,687 worth of biscuits while the miscellaneous food industry reported \$209,746 worth of confectionery. To obtain total production figures for individual products reference should be made to Appendix II of this report "Alphabetical List of Products Manufactured in Canada".

The incidence of the War resulted in a rearrangement in the rank of many industries. Industries producing supplies and equipment for the Armed Forces naturally advanced while those industries producing for the domestic consumer market declined in importance. To supply the raw materials needed by the industries engaged principally in war production, it became necessary to restrict or prohibit the manufacture of many products such as pleasure cars, radios, washing machines, electrical equipment, household appliances, agricultural implements, etc. Though these industries were forced to change over to wartime production, the changes did not affect the value of their output and consequently their importance as producers of manufactured goods did not alter drastically. To analyse the effects of the War on any industry, it is necessary to compare the nature of the products made before the War with that of the present. This should be borne in mind in making industrial comparisons with pre-war years. For example, the number of employees engaged in the agricultural implements industry increased by 8,248 between 1939 and 1945; this in spite of the fact that the output of agricultural implements remained at about the same level. The increase was due to a change-over of some of the plants to war production. It is therefore impossible to trace industrial trends from the principal statistics alone, as published in this report.

10.—Statistics of the Establishments, Employees, Salaries and Wages, Power, Fuel,

		Industry and Group	Estab- lish- ments	Employees on Salary			Employees on	
				Male	Female	Salaries	Male	Female
PROVINCE								
1	Prince Edward Island.....	234	273	89	363,407	929	560	
2	Nova Scotia.....	1,297	2,909	1,133	7,059,034	25,176	4,205	
3	New Brunswick.....	889	2,330	895	6,142,204	15,458	3,820	
4	Quebec.....	10,038	44,171	18,507	137,286,894	226,611	94,742	
5	Ontario.....	10,869	60,389	33,898	214,287,890	304,570	119,199	
6	Manitoba.....	1,302	4,588	1,910	13,166,228	23,267	8,602	
7	Saskatchewan.....	926	1,946	794	4,344,729	7,216	1,661	
8	Alberta.....	1,157	2,904	1,225	7,550,914	13,692	3,665	
9	British Columbia.....	2,326	9,072	3,653	27,615,891	63,664	11,585	
10	Yukon and Northwest Territories.....	12	19	2	40,428	37	6	
Totals.....		29,050	128,601	62,106	417,857,619	680,620	248,045	
INDUSTRIAL GROUP								
1	Vegetable products.....	5,862	17,954	7,917	53,261,638	69,783	39,657	
2	Animal products.....	4,470	12,637	5,247	33,456,720	55,734	24,649	
3	Textiles and textile products.....	2,740	11,773	7,246	48,084,146	52,897	86,232	
4	Wood and paper products.....	10,653	28,787	10,655	76,793,176	135,313	24,618	
5	Iron and its products.....	2,188	30,590	16,154	109,849,265	248,276	26,699	
6	Non-ferrous metal products.....	683	10,950	6,080	39,857,520	51,540	19,780	
7	Non-metallic mineral products.....	789	3,964	1,539	12,603,916	23,851	3,171	
8	Chemicals and allied products.....	973	8,388	5,243	31,375,553	31,569	15,523	
9	Miscellaneous industries.....	692	3,558	2,025	12,575,685	11,657	7,716	
1.—Vegetable Products—								
1	Aerated and mineral waters.....	453	1,063	418	3,217,157	3,495	497	
2	Biscuits, confectionery, cocoa, etc.....	231	1,856	740	5,928,768	4,426	6,930	
3	Bread and other bakery products.....	2,860	3,457	1,294	7,351,376	16,868	7,426	
4	Breweries.....	60	1,175	349	4,472,739	5,515	554	
5	Distilleries.....	18	471	226	1,964,229	1,967	1,175	
6	Flour and feed mills.....	1,023	1,606	545	3,520,086	5,034	326	
7	Foods, breakfast.....	24	117	74	399,675	459	341	
8	Foods, stock and poultry.....	222	706	316	1,833,748	2,325	139	
9	Foods, miscellaneous.....	267	1,406	690	4,469,213	1,987	3,023	
10	Fruit and vegetable preparations.....	470	1,335	702	3,697,146	6,391	6,012	
11	Macaroni, vermicelli, etc.....	16	48	29	185,153	313	262	
12	Malt and malt products.....	11	63	32	259,154	391	5	
13	Rubber goods including rubber footwear.....	55	2,628	1,462	8,886,047	13,628	5,772	
14	Starch and glucose.....	9	153	86	515,633	646	97	
15	Sugar refineries.....	11	329	113	1,296,052	1,913	358	
16	Tobacco, cigars and cigarettes.....	72	1,193	715	4,039,010	2,781	5,930	
17	Tobacco processing and packing.....	14	157	33	486,130	697	658	
18	Vegetable oil mills.....	13	72	35	260,167	499	10	
19	Wine.....	31	103	53	412,756	395	142	
20	All other industries.....	2	16	5	67,399	53	—	
Totals, Vegetable Products.....		5,862	17,954	7,917	53,261,638	69,783	39,657	
2.—Animal Products—								
1	Animal oils and fats.....	8	19	8	71,874	103	—	
2	Belting, leather.....	17	54	22	177,743	148	29	
3	Boot and shoe findings, leather.....	20	52	25	164,161	369	255	
4	Boots and shoes, leather.....	263	1,637	740	5,577,296	9,676	8,043	
5	Butter and cheese.....	2,241	3,939	1,664	7,171,748	12,311	1,521	
6	Cheese, processed.....	22	114	74	371,504	357	444	
7	Condensed milk.....	29	130	87	423,030	1,092	149	
8	Dairy products, other.....	89	153	64	372,294	338	105	
9	Fish curing and packing.....	540	980	230	1,908,446	6,395	2,614	
10	Fur dressing and dyeing.....	20	116	44	408,762	897	360	
11	Fur goods.....	571	1,112	371	3,159,814	2,190	2,109	
12	Gloves and mittens, leather.....	77	213	105	612,506	864	1,755	
13	Hair goods, animal and human.....	18	40	12	122,988	150	112	
14	Leather tanneries.....	74	368	133	1,574,512	3,792	541	
15	Miscellaneous leather goods.....	255	592	242	1,801,369	2,050	2,418	
16	Sausage and sausage casings.....	74	125	26	210,332	274	100	
17	Slaughtering and meat packing.....	152	2,993	1,400	9,328,341	14,728	4,094	
Totals, Animal Products.....		4,470	12,637	5,247	33,456,720	55,734	24,649	

Materials, and Values of Products of Canadian Manufacturing Industries, 1945

Wages	Total Employees	Total Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Value of Products		
Wages					Net	Gross	
\$	No.	\$	\$	\$	\$	\$	
1,315,805	1,851	1,679,212	171,370	8,242,949	3,178,434	11,592,753	1
44,644,211	33,423	51,703,245	7,556,449	107,860,539	84,358,189	199,775,177	2
26,265,844	22,503	32,408,048	6,007,956	87,235,347	63,380,075	156,623,378	3
470,186,549	384,031	607,473,443	74,978,718	1,307,534,193	1,149,390,919	2,531,903,830	4
668,195,497	518,056	882,483,387	95,840,219	2,148,290,603	1,720,938,199	3,965,069,021	5
46,647,881	38,367	59,814,109	5,931,581	216,114,576	117,775,126	339,821,283	6
12,560,877	11,617	16,905,606	3,133,804	126,279,202	38,275,127	167,688,133	7
25,209,412	21,486	32,760,326	3,541,742	166,198,136	78,547,626	248,287,604	8
132,803,242	87,974	160,419,133	15,188,769	305,759,836	307,954,519	628,903,124	9
86,512	64	126,940	33,512	153,466	517,685	704,663	10
1,427,915,830	1,119,372	1,845,773,449	212,384,120	4,473,668,847	3,561,315,899	8,250,368,866	
142,749,050	135,311	196,010,688	21,506,459	802,367,469	529,112,219	1,352,986,147	1
104,948,543	98,267	138,405,263	10,974,624	839,885,434	261,069,677	1,111,929,735	2
159,545,325	158,148	207,629,471	10,533,100	429,208,436	367,980,705	807,722,241	3
229,386,240	199,373	306,179,416	47,449,807	551,143,890	586,057,023	1,184,650,720	4
527,486,725	321,719	637,335,990	41,786,978	887,425,621	1,046,097,484	1,975,310,083	5
118,501,217	88,350	158,358,737	32,898,854	429,913,071	316,572,975	779,384,900	6
44,589,763	32,525	57,193,679	29,197,514	231,341,920	145,197,043	405,736,477	7
74,642,432	60,723	106,017,985	16,633,450	212,197,636	249,701,603	478,532,689	8
26,066,535	24,956	38,642,220	1,403,334	90,185,370	62,527,170	154,115,874	9
5,454,940	5,473	8,672,097	744,267	13,643,081	26,630,502	41,017,850	1
11,499,809	13,952	17,428,577	1,137,605	41,715,991	41,773,487	84,627,083	2
30,977,098	29,045	38,328,474	4,107,953	62,829,434	65,580,825	132,518,212	3
10,850,461	7,593	15,323,200	1,427,031	20,493,465	71,952,408	93,872,904	4
4,583,609	3,839	6,547,838	1,523,937	23,957,216	34,722,574	60,203,727	5
7,802,829	7,511	11,322,915	1,983,997	192,270,945	30,014,438	224,269,380	6
1,281,474	991	1,681,149	252,283	6,182,569	7,282,939	13,717,791	7
3,730,008	3,486	5,563,756	632,549	57,914,289	11,703,901	70,250,739	8
5,182,924	7,106	9,652,137	595,908	79,653,383	29,682,189	109,931,480	9
12,420,026	14,440	16,117,172	1,700,982	59,712,161	37,958,248	99,371,391	10
638,995	652	824,148	101,633	2,039,231	1,661,667	3,802,531	11
712,048	491	971,202	562,952	8,595,997	4,225,405	13,384,354	12
30,225,430	23,490	39,111,477	4,076,109	78,500,892	98,836,225	181,413,226	13
1,055,100	982	1,570,733	517,722	6,792,439	7,278,392	10,188,553	14
3,564,212	2,713	4,860,264	1,471,412	46,518,380	13,831,651	61,821,443	15
9,805,064	10,619	13,844,074	290,334	43,839,561	37,981,339	82,111,234	16
1,407,837	1,545	1,893,967	91,087	35,336,958	5,004,653	40,432,698	17
772,672	616	1,032,839	197,227	16,658,320	3,242,562	20,098,109	18
704,569	693	1,117,325	86,095	3,474,943	3,789,976	7,351,014	19
79,945	74	147,344	5,376	2,238,214	358,838	2,602,428	20
142,749,050	135,311	196,010,688	21,506,459	802,367,469	529,112,219	1,352,986,147	
179,908	130	251,782	76,772	634,279	389,670	1,100,721	1
229,869	253	407,612	15,306	1,004,054	596,928	1,616,288	2
800,978	701	965,139	105,414	1,468,590	1,517,229	3,091,233	3
19,091,578	20,096	24,668,874	418,886	45,685,629	38,419,106	84,523,621	4
19,692,706	19,435	26,864,454	4,052,980	171,011,216	49,110,376	224,174,572	5
866,289	989	1,237,793	74,306	14,304,881	4,869,814	19,249,001	6
1,775,978	1,458	2,199,008	900,368	26,438,916	7,470,688	34,809,972	7
546,211	660	918,505	113,845	2,739,428	2,565,599	5,418,872	8
9,359,573	10,219	11,268,019	973,841	62,064,331	30,529,102	93,567,274	9
1,705,788	1,417	2,114,550	65,904	792,455	2,882,495	3,740,854	10
6,029,158	5,782	9,188,972	126,703	35,488,515	15,417,611	51,032,829	11
2,326,172	2,937	2,938,678	40,664	5,213,227	4,661,337	9,915,228	12
258,951	314	381,939	11,643	763,213	513,709	1,288,565	13
6,404,841	4,834	7,979,353	886,784	30,351,717	16,100,820	47,339,321	14
4,507,610	5,302	6,308,979	117,681	11,282,798	10,002,293	21,402,772	15
491,386	525	701,718	77,324	3,474,071	1,257,694	4,809,089	16
30,681,547	23,215	40,009,888	2,916,203	427,168,114	74,765,206	504,849,523	17
104,948,543	98,267	138,405,263	10,974,624	839,885,434	261,069,677	1,111,929,735	

10.—Statistics of the Establishments, Employees, Salaries and Wages, Power, Fuel,

Industry and Group		Establishments	Employees on Salary			Employees on	
			Male	Female	Salaries	Male	Female
	No.	No.	No.	\$	No.	No.	
3.—Textiles and Textile Products—							
1 Awnings, tents and sails.....	82	221	94	647,731	581	770	
2 Bags, cotton and jute.....	32	124	64	530,811	323	975	
3 Baiting and wadding.....	6	34	11	140,349	203	111	
4 Carpets, mats and rugs.....	17	122	62	485,127	485	422	
5 Clothing, men's factory.....	453	2,442	1,283	9,985,649	6,608	17,090	
6 Clothing, women's factory.....	989	2,742	1,674	11,235,917	5,087	18,472	
7 Clothing contractors, men's.....	128	201	40	484,313	1,007	2,222	
8 Clothing contractors, women's.....	72	97	32	257,121	167	964	
9 Cordage, rope and twine.....	10	101	54	423,208	862	661	
10 Corsets.....	33	191	302	1,152,883	175	1,859	
11 Cotton and wool waste.....	26	59	31	247,445	185	153	
12 Cotton textiles, miscellaneous.....	95	240	120	792,501	350	1,497	
13 Cotton thread.....	7	106	62	399,538	163	572	
14 Cotton yarn and cloth.....	41	769	552	3,165,270	11,207	9,118	
15 Dyeing and finishing of textiles.....	40	206	111	870,266	1,133	472	
16 Flax, fibre.....	42	63	10	112,996	629	14	
17 Gloves and mittens, fabric.....	17	58	27	162,600	119	455	
18 Hats and caps.....	164	587	291	2,247,822	1,752	2,590	
19 Hosiery and knitted goods.....	216	1,264	995	5,196,938	6,462	14,933	
20 Miscellaneous textiles.....	18	300	166	1,882,564	1,172	707	
21 Narrow fabrics, laces, etc.....	40	194	185	973,608	794	1,220	
22 Oiled and waterproofed clothing.....	13	55	35	226,225	145	337	
23 Silk and artificial silk.....	33	763	504	3,241,263	6,275	4,408	
24 Woollen cloth.....	85	495	331	2,239,267	4,200	3,850	
25 Woollen goods, miscellaneous.....	35	146	80	781,713	1,416	455	
26 Woollen yarn.....	44	189	128	684,785	1,363	1,831	
27 All other industries.....	2	4	2	16,236	34	74	
Totals, Textiles and Products.....	2,740	11,773	7,246	48,084,146	52,897	86,232	
4.—Wood and Paper Products—							
1 Beekeepers' and poultrymen's supplies.....	13	18	11	39,707	91	36	
2 Blueprinting.....	24	38	18	118,946	103	32	
3 Boat building.....	149	191	41	367,569	1,059	46	
4 Boxes and bags, paper.....	150	896	582	3,674,890	4,320	4,964	
5 Boxes, wooden.....	189	430	147	1,074,243	4,407	677	
6 Carriages, wagons and sleighs.....	61	86	12	124,448	341	4	
7 Coffins and caskets.....	55	137	41	362,706	841	174	
8 Cooperage.....	59	63	31	180,629	784	21	
9 Engraving, stereotyping and electrotyping.....	107	494	282	1,983,439	1,889	709	
10 Excelsior.....	8	14	8	38,235	94	26	
11 Flooring, hardwood.....	21	84	49	279,728	1,031	69	
12 Furniture.....	623	1,613	580	4,543,720	11,817	1,719	
13 Lasts, trees and shoe findings.....	18	69	32	196,441	411	247	
14 Lithographing.....	43	389	267	1,835,018	1,609	942	
15 Miscellaneous paper products.....	190	1,041	627	3,793,205	3,129	2,914	
16 Miscellaneous wooden products.....	290	429	152	957,745	2,216	872	
17 Planing mills, sash and door factories.....	906	1,638	446	3,521,935	9,350	355	
18 Printing and bookbinding.....	1,331	2,960	1,283	8,616,479	7,874	4,730	
19 Printing and publishing.....	769	5,938	3,389	17,687,080	8,248	1,923	
20 Pulp and paper.....	109	4,360	1,621	16,766,154	32,867	1,148	
21 Refrigerators, other than electric.....	18	44	18	111,968	313	-	
22 Roofing paper, etc.....	21	344	169	1,086,374	995	193	
23 Sawmills.....	5,295	6,897	560	7,182,144	35,623	960	
24 Trade composition.....	38	70	39	239,086	328	11	
25 Veneer and plywood.....	31	202	109	868,984	2,709	1,264	
26 Woodenware.....	28	42	16	89,074	525	177	
27 Wood turning.....	77	135	46	310,798	1,132	271	
28 All other industries.....	30	165	79	742,431	1,207	134	
Totals, Wood and Paper Products.....	10,653	28,787	10,655	76,793,176	135,313	24,618	
5.—Iron and Its Products—							
1 Agricultural implements.....	41	1,510	796	4,851,144	10,219	1,029	
2 Aircraft.....	38	5,432	3,419	20,201,157	23,179	5,782	
3 Automobiles.....	6	2,074	1,105	8,779,380	14,495	241	
4 Automobile supplies.....	108	1,461	953	5,899,753	12,206	2,770	
5 Bicycles.....	7	73	32	233,151	466	120	
6 Boilers, tanks and platework.....	37	705	281	2,452,295	3,612	72	
7 Bridge and structural steel.....	23	1,088	360	3,517,754	5,470	139	
8 Castings, iron.....	205	1,105	571	4,027,320	13,430	620	
9 Hardware, tools and cutlery.....	244	1,350	802	5,427,541	9,795	2,864	
10 Heating and cooking apparatus.....	73	685	383	2,200,035	5,643	314	
11 Iron and steel products, miscellaneous.....	186	2,254	1,311	8,544,421	13,562	3,536	
12 Machinery.....	267	3,632	1,928	11,898,163	19,152	1,573	
13 Machine shops.....	479	1,020	346	3,020,179	4,968	406	
14 Primary iron and steel.....	63	1,499	923	6,464,082	25,970	986	

Materials, and Values of Products of Canadian Manufacturing Industries, 1945—con.

Wages	Total Employees	Total Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Value of Products	
					Net	Gross
\$	No.	\$	\$	\$	\$	\$
1,454,746	1,666	2,102,477	47,523	5,354,445	3,328,102	8,730,070
1,323,896	1,486	1,854,707	67,515	22,279,949	4,767,112	27,114,576
464,545	359	604,894	51,130	1,626,175	1,269,989	2,947,294
1,172,179	1,091	1,657,306	105,174	2,400,230	2,702,322	5,207,726
26,948,251	27,423	36,933,900	437,333	78,554,206	60,928,679	139,920,218
28,249,910	27,975	39,485,827	342,660	78,385,452	70,099,770	148,827,882
3,537,302	3,470	4,021,615	73,477	235,835	4,741,420	5,050,732
1,253,602	1,260	1,510,723	16,604	63,769	1,997,925	2,078,298
2,054,557	1,678	2,477,765	164,878	8,814,693	5,440,375	14,419,946
1,633,132	2,527	2,786,015	30,881	3,475,601	5,708,054	9,214,536
399,110	428	646,555	57,982	3,780,034	1,367,405	5,205,421
1,681,250	2,207	2,473,751	40,414	6,481,509	4,837,445	11,015,368
704,447	903	1,103,985	79,407	3,363,305	2,136,826	5,579,538
24,855,063	21,646	28,020,333	3,027,647	66,528,980	45,126,175	114,682,802
2,053,418	1,922	2,923,684	552,334	1,581,984	6,196,990	8,331,308
644,006	716	757,002	69,979	—	1,966,446	2,036,425
481,241	659	643,841	12,777	1,149,696	1,029,599	2,192,072
5,113,881	5,220	7,361,703	176,227	11,405,927	11,646,912	23,229,066
21,443,405	23,654	26,640,343	1,242,677	40,423,407	46,368,918	88,035,002
2,937,890	2,345	4,320,454	336,925	12,725,869	9,750,001	22,812,795
2,085,361	2,393	3,058,969	109,928	5,606,209	5,745,410	11,461,547
564,782	572	791,007	21,845	1,924,984	1,486,001	3,432,830
12,946,178	11,950	16,187,441	1,826,504	20,198,948	33,093,161	55,118,613
9,570,500	8,876	11,809,767	1,009,597	29,073,496	21,947,279	52,030,372
2,473,318	2,097	3,255,031	273,973	9,770,893	6,916,410	16,961,276
3,402,356	3,511	4,087,141	352,272	13,566,420	7,442,820	21,361,512
96,999	114	113,235	5,437	436,420	283,159	725,016
159,545,325	158,148	207,629,471	10,533,100	429,208,436	367,980,705	807,722,241
113,524	156	153,231	12,982	246,700	376,735	636,417
145,232	191	264,178	11,997	200,737	528,145	740,879
1,578,846	1,337	1,946,415	56,741	2,194,398	2,744,662	4,995,801
10,314,474	10,762	13,989,364	485,553	33,854,336	26,115,449	60,455,338
6,294,594	5,661	7,368,837	316,790	13,239,354	11,793,869	25,350,013
389,672	443	514,120	31,150	546,043	825,566	1,402,759
1,104,088	1,193	1,466,794	70,356	1,792,465	2,414,170	4,276,991
1,005,805	899	1,136,434	60,507	2,758,776	2,110,700	4,929,983
5,159,594	3,374	7,143,033	144,364	2,518,020	11,313,443	13,975,827
125,077	142	163,812	12,626	180,899	267,775	461,300
1,379,626	1,233	1,659,354	94,109	4,164,306	2,935,212	7,193,627
17,346,039	15,729	21,889,759	810,474	25,197,849	32,731,569	58,739,892
663,752	759	880,193	28,777	872,029	1,250,324	2,151,130
3,829,224	3,207	5,664,242	116,154	6,937,135	9,718,698	16,771,987
7,377,857	7,711	11,171,062	553,664	32,293,670	24,605,711	57,453,045
3,555,697	3,669	4,513,442	187,370	5,624,769	7,027,885	12,840,024
12,169,478	11,789	15,691,413	800,085	36,185,967	24,257,678	61,243,730
16,663,465	16,847	25,279,944	658,410	23,702,464	39,520,894	63,881,768
17,339,922	19,498	35,027,002	952,130	19,151,982	69,949,912	90,054,024
63,696,490	39,996	80,462,644	39,033,131	179,369,499	180,401,885	398,804,515
456,239	375	568,207	15,330	477,979	806,203	1,299,512
1,689,338	1,701	2,775,712	354,264	8,398,326	7,591,899	16,344,489
46,835,356	44,040	54,017,500	1,947,510	126,006,754	103,153,766	231,108,030
640,290	448	879,376	20,243	145,510	1,354,896	1,520,649
5,442,219	4,284	6,311,203	314,813	9,663,402	13,580,395	23,558,610
703,795	760	792,869	22,636	660,419	942,117	1,625,172
1,426,808	1,584	1,737,606	61,329	2,006,724	2,508,742	4,576,795
1,939,739	1,585	2,682,170	276,312	12,753,378	5,228,723	18,258,413
229,386,240	119,373	306,179,416	47,449,807	551,143,890	586,057,023	1,184,650,720
19,558,382	13,554	24,409,526	1,078,734	26,414,939	30,127,717	57,621,390
64,029,346	37,812	84,230,503	1,813,007	115,093,267	161,746,606	278,652,880
34,843,840	17,915	43,623,220	1,744,299	164,963,785	61,987,025	228,695,109
27,216,114	17,390	33,115,867	1,937,402	65,897,750	58,727,677	126,562,829
902,544	671	1,135,695	73,012	1,288,153	1,711,785	3,072,950
7,232,925	4,690	9,685,220	506,984	8,958,003	14,418,223	23,883,210
11,569,379	7,057	15,087,130	806,164	18,908,255	26,720,859	46,435,278
25,289,626	15,726	29,316,949	2,415,849	29,478,446	44,687,679	76,581,974
20,598,185	14,901	26,025,726	1,296,834	20,328,543	47,410,504	68,945,881
9,551,250	7,025	11,751,285	577,225	10,528,997	18,848,204	29,954,426
33,223,783	20,663	41,768,204	2,207,909	71,221,217	72,293,317	145,722,443
35,084,213	26,285	46,982,376	1,750,316	44,817,319	91,624,455	138,192,090
9,529,008	6,740	12,549,187	406,338	6,560,145	18,615,694	25,582,177
51,398,407	29,378	57,862,489	16,002,441	86,417,375	89,859,343	192,279,159

10.—Statistics of the Establishments, Employees, Salaries and Wages, Power, Fuel,

	Industry and Group	Estab- lish- ments No.	Employees on Salary			Employees on	
			Male	Female	Salaries	Male	Female
			No.	No.	\$	No.	No.
	Iron and Its Products—concluded						
15	Railway rolling-stock.....	37	1,824	435	5,681,369	27,840	416
16	Sheet metal products.....	196	1,663	922	5,746,464	10,974	3,562
17	Shipbuilding and repairs.....	89	2,673	1,157	8,848,958	43,019	1,269
18	Wire and wire goods.....	89	542	340	2,056,099	4,276	1,000
	Totals, Iron and Its Products	2,188	30,590	16,154	109,849,265	248,276	26,699
	6.—Non-Ferrous Metal Products—						
1	Aluminum products.....	32	517	245	1,772,247	3,149	766
2	Brass and copper products.....	161	1,238	687	4,940,963	9,324	2,018
3	Electrical apparatus and supplies.....	247	6,151	3,835	22,665,855	21,074	13,069
4	Jewellery, electro-plated ware, etc.....	158	525	389	2,111,991	2,649	1,951
5	Miscellaneous non-ferrous metal products.....	27	128	98	453,798	503	334
6	Non-ferrous metal smelting and refining.....	17	2,117	632	6,812,501	13,281	741
7	White metal alloys.....	41	274	194	1,100,165	1,560	901
	Totals, Non-Ferrous Metal Products	683	10,950	6,080	39,857,520	51,540	19,780
	7.—Non-Metallic Mineral Products—						
1	Abrasive products.....	15	252	166	1,116,441	1,778	157
2	Asbestos products.....	13	127	43	362,277	617	125
3	Cement.....	8	87	15	248,365	1,159	56
4	Cement products.....	171	249	54	583,603	1,212	18
5	Clay products from domestic clay.....	106	225	66	652,758	2,188	209
6	Clay products from imported clay.....	28	106	68	365,756	879	374
7	Coke and gas products.....	34	815	384	2,412,484	3,515	43
8	Glass products.....	103	410	236	1,532,569	3,500	1,684
9	Gypsum products.....	9	58	17	157,769	474	54
10	Lime.....	44	81	19	194,191	748	8
11	Miscellaneous non-metallic mineral products.....	55	215	92	714,114	1,123	187
12	Petroleum.....	46	1,001	277	3,347,333	5,343	154
13	Salt.....	9	93	54	367,132	517	60
14	Sand-lime brick.....	4	11	1	31,298	63	3
15	Stone, monumental and ornamental.....	144	234	47	517,826	735	39
	Totals, Non-Metallic Mineral Products	789	3,964	1,539	12,603,916	23,851	3,171
	8.—Chemicals and Allied Products—						
1	Acids, alkalis and salts.....	35	919	375	3,380,476	5,446	282
2	Adhesives.....	20	108	62	444,968	345	61
3	Coal tar distillation.....	10	72	15	226,362	279	15
4	Fertilizers.....	26	293	149	1,155,652	1,579	125
5	Gases, compressed.....	41	232	255	819,815	599	11
6	Inks, printing and writing.....	31	172	83	751,149	317	69
7	Medicinal and pharmaceutical preparations.....	204	1,677	1,297	6,524,591	2,126	3,239
8	Miscellaneous chemical products.....	232	2,407	1,393	8,815,220	16,110	9,304
9	Paints, pigments and varnishes.....	90	1,267	693	4,603,303	2,456	563
10	Polishes and dressings.....	51	190	116	561,617	216	217
11	Soaps, washing compounds, etc.....	134	716	453	2,499,816	1,462	579
12	Toilet preparations.....	94	325	347	1,563,288	407	1,058
13	Wood distillation.....	5	10	5	29,296	227	—
	Totals, Chemicals and Allied Products	973	8,388	5,243	31,375,553	31,564	15,523
	9.—Miscellaneous Industries—						
1	Artificial flowers and feathers.....	30	53	40	203,589	86	510
2	Automobile accessories, fabric.....	9	71	33	255,083	210	309
3	Brooms, brushes and mops.....	85	294	169	1,014,677	1,098	779
4	Buttons.....	21	111	35	399,667	436	362
5	Candles.....	12	49	30	171,032	90	83
6	Fountain pens and pencils.....	10	158	151	758,206	378	628
7	Ice, artificial.....	56	100	45	252,318	714	12
8	Lamps, electric, and lamp shades.....	28	54	27	199,353	242	328
9	Mattresses and springs.....	78	311	145	1,284,211	2,130	655
10	Miscellaneous, including jewellery cases, etc.....	10	21	29	106,034	141	173
11	Motion pictures.....	5	208	127	677,398	72	43
12	Musical instruments.....	25	101	48	272,112	624	63
13	Pipes, tobacco.....	6	7	2	11,680	28	5
14	Scientific and professional equipment.....	49	1,313	809	4,864,848	3,234	1,870
15	Signs, electric, neon and other.....	30	124	30	345,125	438	13
16	Sporting goods.....	36	132	69	392,106	520	380
17	Stamps and stencils, rubber and metal.....	43	107	47	311,834	299	75
18	Statuary, art goods and novelties.....	89	147	68	382,024	339	477
19	Toys and toy equipment.....	56	112	73	340,558	426	817
20	Typewriter supplies.....	8	63	34	267,207	137	72
21	Umbrellas.....	6	22	14	66,623	15	62
	Totals, Miscellaneous Industries	692	3,558	2,025	12,575,685	11,657	7,716
	Grand Totals, All Industries	29,050	128,691	62,406	417,857,619	680,620	248,945

Materials, and Values of Products of Canadian Manufacturing Industries, 1945—con.

Wages	Value of Products					
	Total Employees	Total Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials		
					Net	Gross
Wages						
\$	No.	\$	\$	\$	\$	\$
56,112,570	30,515	61,793,939	4,181,244	84,264,315	92,804,283	181,249,842
21,990,091	17,121	27,736,555	1,381,839	58,242,909	46,632,971	106,257,719
90,621,635	48,118	99,470,593	2,653,650	60,294,253	141,646,420	204,594,323
8,735,427	6,158	10,791,526	953,731	13,837,950	26,234,722	41,026,403
527,486,725	321,719	637,335,990	41,786,978	887,425,621	1,046,097,484	1,975,310,083
6,370,569	4,677	8,142,816	808,214	12,981,173	12,948,765	26,738,152
20,739,986	13,267	25,680,949	2,091,380	53,655,695	49,403,675	105,150,750
53,802,940	44,129	76,468,795	2,570,945	92,041,030	135,919,899	230,531,874
5,996,846	5,514	8,108,837	197,435	16,164,076	14,837,706	31,199,217
1,089,841	1,063	1,543,639	50,633	2,412,156	4,403,463	6,866,252
27,040,619	16,711	33,853,120	26,837,162	238,940,486	89,898,578	355,676,526
3,460,416	2,929	4,560,581	343,085	13,718,455	9,160,539	23,222,129
118,501,217	88,350	158,358,737	32,898,854	429,913,071	316,572,975	729,384,990
3,654,785	2,353	4,771,226	2,189,405	8,223,797	15,079,484	25,492,686
1,050,800	912	1,422,077	216,635	2,812,091	2,648,565	5,677,291
2,149,752	1,317	2,398,117	3,210,929	2,794,676	9,416,426	15,422,031
1,643,980	1,533	2,227,583	317,045	3,919,467	4,731,571	8,968,083
3,175,448	2,688	3,828,206	1,780,426	1,194,257	6,938,409	8,913,092
1,698,889	1,427	2,064,645	345,127	1,167,283	3,814,872	5,327,282
6,000,624	4,757	9,013,108	6,523,553	37,746,482	24,213,270	68,483,305
7,511,295	5,830	9,043,864	1,866,240	10,467,286	15,947,871	28,281,397
779,600	603	937,369	289,914	2,843,004	2,583,196	5,716,114
1,279,638	856	1,473,829	1,644,077	424,412	4,663,859	6,732,348
2,287,933	1,617	3,002,047	812,269	6,851,444	7,002,987	14,666,700
10,543,977	6,775	13,891,310	9,106,389	151,153,429	41,423,861	201,683,679
962,252	724	1,329,384	670,187	953,054	3,241,456	4,864,697
94,023	78	125,321	28,615	84,639	195,398	308,652
1,147,767	1,055	1,665,593	196,703	1,706,599	3,295,818	5,199,120
44,589,763	32,525	57,193,679	29,197,514	231,341,920	145,197,043	405,736,477
11,147,032	7,022	14,527,508	8,598,563	22,351,361	36,517,138	67,467,062
622,369	576	1,067,337	166,210	2,662,236	2,594,042	5,422,488
500,740	381	727,102	341,929	3,356,468	1,917,916	5,616,313
3,263,264	2,146	4,418,916	1,116,081	18,708,175	14,681,500	34,505,756
1,113,912	1,097	1,933,727	347,840	1,269,309	6,812,375	8,429,524
590,404	641	1,341,553	46,571	2,138,428	2,852,169	5,037,168
6,208,920	8,339	12,733,511	410,717	22,941,566	36,978,645	60,330,928
41,382,051	29,214	50,197,271	4,246,084	83,754,688	89,660,775	177,661,547
4,343,896	4,979	8,947,199	425,819	24,532,362	23,438,321	48,396,502
470,454	739	1,032,071	37,039	4,219,413	3,834,602	8,091,054
3,374,178	3,210	5,873,994	649,525	18,366,330	18,158,389	37,174,244
1,279,152	2,137	2,842,440	52,386	7,053,472	11,887,050	18,992,908
346,060	242	375,356	194,686	843,828	368,681	1,407,195
74,642,432	60,723	106,017,985	16,633,450	212,197,636	249,701,603	478,532,689
502,485	689	706,074	8,193	796,486	1,293,186	2,097,865
663,359	623	918,442	24,603	3,699,722	1,716,095	5,440,420
2,009,723	2,340	3,024,400	100,915	4,418,618	5,668,839	10,188,372
948,524	944	1,348,191	55,116	1,479,301	2,214,270	3,748,687
155,707	252	326,739	21,535	666,462	829,190	1,517,187
1,134,014	1,315	1,892,220	31,242	2,627,912	4,253,146	6,912,300
1,083,197	871	1,335,515	305,519	125,792	3,190,353	3,621,664
568,764	651	768,117	20,729	1,115,817	1,355,273	2,491,819
3,908,032	3,241	5,192,243	199,605	11,653,811	9,405,562	21,258,978
320,348	364	426,382	13,818	443,210	681,908	1,138,936
192,645	450	870,043	11,695	1,105,703	1,288,162	2,405,560
870,815	836	1,142,927	73,231	816,604	1,630,497	2,520,332
35,046	42	46,726	1,722	18,350	64,829	84,901
9,099,225	7,226	13,964,073	312,278	52,605,810	17,404,946	70,323,034
750,548	605	1,095,673	75,275	499,680	1,999,872	2,574,827
1,041,112	1,101	1,433,218	48,498	3,294,096	2,162,046	5,504,640
499,177	528	811,011	16,430	392,142	1,278,302	1,686,874
772,971	1,031	1,154,995	22,972	1,054,240	1,824,637	2,901,849
1,133,379	1,428	1,473,937	41,331	1,876,656	2,892,078	4,810,065
300,944	306	568,151	17,530	1,255,348	1,085,730	2,358,608
76,527	113	143,143	1,097	239,610	288,249	528,956
26,066,535	24,956	38,642,220	1,403,334	90,185,370	62,527,170	154,115,874
1,427,915,836	1,119,372	1,845,773,449	212,381,120	4,473,668,847	3,561,315,899	8,250,368,866

Subsection 2.—Manufactures Classified on the Standard Classification Basis

During the war many government departments and agencies collected and compiled statistics needed by them in the administration of their respective fields. Inevitably each one adopted a system of classification best suited to his needs. The result was that many statistical series were compiled, but due to differences in classification, none of these series could be correlated or utilized for any purpose other than that originally intended.

In order to provide information of maximum usefulness and to allow for a direct comparison of the different series, an interdepartmental committee was set up to review the different systems of classification in use by the different departments and to recommend a standard classification which might in future be used by all government departments in their statistical compilations.

The table which follows gives a break-down for 1945 of the manufacturing industries on the basis of the standard classification recommended by this committee. The new standard classification also conforms in large measure to the classification of industry being currently recommended by the United Nations Statistical Commission.

11.—Principal Statistics of the Manufacturing Industries of Canada, 1945, Classified on the Standard Classification Basis

	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Value of Products	
					Net	Gross
	No.	No.	\$	\$	\$	\$
Canada	29,050	1,119,372	1,845,773,449	1,473,668,847	3,564,315,899	8,250,368,866
Food and beverages.....	8,872	156,396	224,908,882	1,336,820,028	558,247,045	1,921,774,601
Tobacco and tobacco products	86	12,164	15,738,041	79,176,519	42,985,992	122,543,932
Rubber products.....	55	23,490	39,111,477	78,500,892	98,836,225	181,413,226
Leather products.....	706	34,123	43,268,635	95,006,015	71,297,713	167,888,463
Textile products (except clothing).....	655	65,388	87,454,497	213,589,559	163,973,427	385,741,605
Clothing (textile and fur)....	2,676	99,959	131,478,496	251,899,847	222,307,334	476,754,319
Wood products.....	7,656	93,209	119,833,932	240,482,275	208,979,657	454,447,165
Paper products.....	475	60,819	109,627,174	255,265,326	241,121,150	536,859,861
Printing, publishing and allied trades.....	2,312	43,565	74,257,775	52,655,848	132,385,988	186,945,134
Iron and steel products.....	1,903	169,278	313,966,173	395,624,098	527,473,688	952,482,150
Transportation equipment....	504	154,844	326,748,794	498,241,686	523,910,119	1,034,666,913
Non-ferrous metal products...	436	44,221	81,889,942	337,872,041	180,653,076	548,853,026
Electrical apparatus and sup- plies.....	247	44,129	76,468,795	92,041,030	135,919,899	230,531,874
Non-metallic mineral pro- ducts.....	700	20,269	32,959,877	41,488,955	76,318,456	130,704,796
Products of petroleum and coal.....	80	11,532	22,904,418	188,899,911	65,637,131	270,166,984
Chemical products.....	986	61,339	107,050,824	228,855,956	252,944,165	498,630,798
Miscellaneous manufacturing industries.....	701	24,647	38,105,717	87,248,861	61,324,784	149,964,019
Food and Beverages	8,872	156,396	224,908,882	1,336,820,028	558,247,045	1,921,774,601
Meat Products	234	23,870	40,963,388	431,276,464	76,412,570	510,759,333
Animal oils and fats.....	8	130	251,782	634,279	389,670	1,100,721
Sausage and sausage casings	74	525	701,718	3,474,071	1,257,694	4,809,089
Slaughtering and meat packing.....	152	23,215	40,009,888	427,168,114	74,765,206	504,849,523
Dairy Products	2,381	22,542	31,219,760	214,494,441	64,016,477	283,652,417
Butter and cheese.....	2,241	19,435	26,864,454	171,011,216	49,110,376	224,174,572
Cheese, processed.....	22	989	1,237,793	14,304,881	4,869,814	19,249,001
Condensed milk.....	29	1,458	2,199,008	26,438,916	7,470,688	34,809,972
Other dairy products.....	89	660	918,505	2,739,428	2,565,599	5,418,872

11.—Principal Statistics of the Manufacturing Industries of Canada, 1945,
Classified on the Standard Classification Basis—continued

	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Value of Products	
					Net	Gross
	No.	No.	\$	\$	\$	\$
Food and Beverages—concl.						
Fruit, Vegetable and Fish Processing	1,010	24,659	27,385,191	121,776,492	68,487,350	192,938,665
Fish curing and canning.....	540	10,219	11,268,019	62,064,331	30,529,102	93,567,274
Fruit and vegetable preparations.....	470	14,440	16,117,172	59,712,161	37,958,248	99,371,391
Grain Mill Products	1,269	11,988	18,567,820	256,367,803	49,001,278	308,237,910
Flour and feed mills.....	1,023	7,511	11,322,915	192,270,945	30,014,438	224,269,380
Foods, breakfast.....	24	991	1,681,149	6,182,569	7,282,939	13,717,791
Feeds, stock and poultry..	222	3,486	5,563,756	57,914,289	11,703,901	70,250,739
Baking Products	2,896	34,779	45,366,145	77,003,596	83,025,701	164,565,523
Biscuits and crackers.....	36	5,734	7,037,671	14,174,162	17,444,876	32,047,311
Bread and other bakery products.....	2,860	29,045	38,328,474	62,829,434	65,580,825	132,518,212
Beverages	562	17,598	31,660,460	61,568,705	137,095,460	202,415,495
Aerated and mineral waters	453	5,473	8,672,097	13,643,081	26,630,502	41,017,850
Distilleries.....	18	3,839	6,547,838	23,957,216	34,722,574	60,203,727
Breweries.....	60	7,593	15,323,200	20,493,465	71,952,408	93,872,904
Wine.....	31	693	1,117,325	3,474,943	3,789,976	7,351,014
Miscellaneous Foods	520	20,960	29,746,118	174,332,527	80,208,209	259,175,258
Confectionery, cocoa, etc..	195	8,218	10,390,906	27,541,829	24,328,611	52,579,772
Sugar refineries.....	11	2,713	4,860,264	46,518,380	13,831,651	61,821,443
Malt mills.....	11	491	971,202	8,595,997	4,225,405	13,384,354
Macaroni, vermicelli, etc..	16	652	824,148	2,039,231	1,661,667	3,802,531
Starch and glucose.....	9	982	1,570,733	6,792,439	2,878,392	10,188,553
Miscellaneous food industries.....	267	7,106	9,652,137	79,653,383	29,682,189	109,931,480
Salt.....	9	724	1,329,384	953,054	3,241,456	4,864,697
All other industries.....	2	74	147,344	2,238,214	358,838	2,602,428
Tobacco and Tobacco Products	86	12,164	15,738,041	79,176,519	42,985,992	122,543,932
Tobacco, cigars and cigarettes	72	10,619	13,844,074	43,839,561	37,981,339	82,111,234
Tobacco processing.....	14	1,545	1,893,967	35,336,958	5,004,653	40,432,698
Rubber products	55	23,490	39,111,477	78,500,892	98,836,225	181,413,226
Rubber goods, including footwear.....	55	23,490	39,111,477	78,500,892	98,836,225	181,413,226
Leather Products	706	34,123	43,268,635	95,006,015	71,297,713	167,888,463
Boots and shoes, leather.....	263	20,096	24,668,874	45,685,629	38,419,106	84,523,621
Boot and shoe findings.....	20	701	965,139	1,468,590	1,517,229	3,091,233
Gloves and mittens, leather..	77	2,937	2,938,678	5,213,227	4,661,337	9,915,228
Belting, leather.....	17	253	407,612	1,004,054	596,928	1,616,288
Leather tanneries.....	74	4,834	7,979,353	30,351,717	16,100,820	47,339,321
Miscellaneous leather goods..	255	5,302	6,308,979	11,282,798	10,002,293	21,402,772
Textile Products (except Clothing)	655	65,388	87,451,497	213,589,559	163,973,427	385,741,605
Cotton Goods	175	25,513	32,849,518	81,780,003	54,393,840	139,430,423
Cotton thread.....	7	903	1,103,985	3,363,305	2,136,826	5,579,538
Cotton yarn and cloth.....	41	21,646	28,020,333	66,528,980	45,126,175	114,682,802
Cotton batting and wadding.....	6	359	604,894	1,626,175	1,269,989	2,947,294
Cotton and wool waste.....	26	428	646,555	3,780,034	1,367,405	5,205,421
Cotton goods, not elsewhere spec.....	95	2,207	2,473,751	6,481,509	4,493,445	11,015,368
Woollen Goods	181	15,575	20,809,245	54,811,039	39,008,831	95,560,886
Woollen cloth.....	85	8,676	11,809,767	29,073,496	21,947,279	52,030,372
Woollen yarn.....	44	3,511	4,087,141	13,560,420	7,442,820	21,361,512
Woollen goods not elsewhere spec.....	35	2,097	3,255,031	9,770,893	6,916,410	16,961,276
Carpets, mats and rugs.....	17	1,091	1,657,306	2,400,230	2,702,322	5,207,726

**11.—Principal Statistics of the Manufacturing Industries of Canada, 1945,
Classified on the Standard Classification Basis—continued**

	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Value of Products	
					Net	Gross
	No.	No.	\$	\$	\$	\$
Textile Products (except clothing)—cont'd.						
Silk and Artificial Silk.....	33	11,950	16,187,441	20,198,948	33,093,161	55,118,613
Other Primary Textiles.....	80	4,315	5,982,653	7,188,193	11,942,400	19,792,855
Dyeing and finishing of textiles.....	40	1,922	2,923,684	1,581,984	6,196,990	8,331,308
Narrow fabrics.....	40	2,393	3,058,969	5,606,209	5,745,410	11,461,547
Miscellaneous Textile Pro- ducts.....	186	8,005	11,625,640	49,611,376	25,535,195	75,838,828
Awnings, tents and sails...	82	1,666	2,102,477	5,354,445	3,328,102	8,730,070
Cordage, rope and twine...	10	1,678	2,477,765	8,814,693	5,440,375	14,419,946
Cotton and jute bags.....	32	1,486	1,854,707	22,279,949	4,767,112	27,114,576
Flax products.....	42	716	757,002		1,966,446	2,036,425
Miscellaneous textiles, n.e.s.	18	2,345	4,320,454	12,725,869	9,750,001	22,812,795
All other industries.....	2	114	113,235	436,420	283,159	725,016
Clothing (Textile and Fur)...	2,676	99,959	131,478,496	251,899,847	222,307,384	476,754,319
Men's, women's, children's clothing.....	1,642	60,128	81,952,065	157,239,262	137,767,794	295,877,130
Clothing, men's, factory...	453	27,423	36,933,900	78,554,206	60,928,679	139,920,218
Clothing, women's, factory	989	27,975	39,485,827	78,385,452	70,099,770	148,827,882
Clothing, contractors, mens	128	3,470	4,021,615	235,835	4,741,420	5,050,732
Clothing contractors, women's.....	72	1,260	1,510,723	63,769	1,997,925	2,078,298
Knitted Goods.....	216	23,654	26,640,343	40,423,497	46,368,918	88,035,002
Hosiery and knitted goods.	216	23,654	26,640,343	40,423,407	46,368,918	88,035,002
Miscellaneous clothing.....	818	16,177	22,886,088	54,237,178	38,170,672	92,842,187
Corsets.....	33	2,527	2,786,015	3,475,601	5,708,054	9,214,536
Fur goods.....	571	5,782	9,188,972	35,488,515	15,417,611	51,032,829
Fur dressing and dyeing...	20	1,417	2,114,550	792,455	2,882,495	3,740,854
Hats and caps.....	164	5,220	7,361,703	11,405,927	11,646,912	23,229,066
Oiled and waterproofed clothing.....	13	572	791,007	1,924,984	1,488,001	3,432,830
Gloves and mittens, fabric	17	659	643,841	1,149,696	1,029,599	2,192,072
Wood Products.....	7,656	93,209	119,833,932	240,482,275	208,973,657	454,447,165
Saw and Planing Mills.....	6,253	61,346	77,679,470	176,920,429	143,927,051	323,103,997
Flooring, hardwood.....	21	1,233	1,659,354	4,164,306	2,935,212	7,193,627
Veneer and plywood.....	31	4,284	6,311,203	9,663,402	13,580,395	23,558,610
Planing mills, sash and door factories.....	906	11,789	15,691,413	36,185,967	24,257,678	61,243,730
Sawmills.....	5,295	44,040	54,017,500	126,006,754	103,153,766	231,108,030
Furniture.....	623	15,729	21,889,759	25,197,849	32,731,569	58,733,892
Miscellaneous wood prod- ucts.....	780	16,134	20,264,703	39,263,997	32,321,037	72,603,276
Boxes and baskets, wooden	189	5,661	7,368,837	13,239,354	11,793,869	25,350,013
Coffins and caskets.....	55	1,193	1,466,794	1,792,465	2,414,170	4,276,991
Beekeepers' and poultry- men's supplies.....	13	156	153,231	246,700	376,735	636,417
Excelsior.....	8	142	163,312	180,899	267,775	461,300
Lasts, trees and other wood- en shoe findings.....	18	759	860,193	872,029	1,259,324	2,151,130
Cooperage.....	59	899	1,186,434	2,758,776	2,110,700	4,929,983
Refrigerators other than electric.....	18	375	568,207	477,979	896,203	1,209,512
Woodenware.....	28	760	792,869	660,419	442,117	1,625,172
Wood turning.....	77	1,584	1,737,606	2,006,724	2,508,742	4,576,795
Misc. wood products, inc. charcoal and wood preser- vation.....	315	4,605	5,967,220	17,028,652	9,850,402	27,295,963

11.—Principal Statistics of the Manufacturing Industries of Canada, 1945,
Classified on the Standard Classification Basis—continued

	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Value of Products	
					Net	Gross
	No.	No.	\$	\$	\$	\$
Paper Products.....	475	60,819	109,627,174	255,265,326	241,121,150	536,859,861
Boxes and bags, paper.....	150	10,762	13,989,364	33,854,336	26,115,449	60,455,338
Pulp and Paper.....	109	39,996	80,462,644	179,369,499	180,401,885	398,804,515
Roofing paper, wallboard, etc.	21	1,701	2,775,712	8,398,326	7,591,899	16,344,489
Miscellaneous paper products, incl. wall paper.....	195	8,360	12,399,454	33,643,165	27,011,917	61,255,519
Printing, Publishing and Allied Trades.....	2,312	43,565	74,257,775	52,655,848	132,385,988	186,945,134
Printing and bookbinding....	1,331	16,847	25,279,944	23,702,464	39,520,894	63,881,768
Blue printing.....	24	191	264,178	200,737	528,145	740,879
Trade composition.....	38	448	879,376	145,510	1,354,896	1,520,649
Printing and publishing.....	769	19,498	35,027,002	19,151,982	69,949,912	90,054,024
Engraving, stereotyping and electrotyping.....	107	3,374	7,143,033	2,518,020	11,313,443	13,975,827
Lithographing.....	43	3,207	5,664,242	6,937,135	9,718,698	16,771,987
Iron and Steel Products.....	1,903	169,278	313,966,173	395,624,098	527,473,688	952,482,150
Agricultural implements.....	41	13,554	24,409,526	26,414,939	30,127,717	57,621,390
Boilers and plate work.....	37	4,670	9,685,220	8,958,003	14,418,223	23,883,210
Bridge and other structural shapes.....	23	7,057	15,087,130	18,908,255	26,720,859	46,435,278
Hardware, tools and cutlery....	244	14,901	26,025,726	20,238,543	47,410,504	68,945,881
Heating and cooking appara- tus.....	73	7,025	11,751,285	10,528,997	18,848,204	29,954,426
Machinery.....	267	26,285	46,982,376	44,817,319	91,624,455	138,192,090
Castings, iron.....	205	15,726	29,316,949	29,478,446	44,687,679	76,581,974
Machine shops.....	479	6,740	12,549,187	6,560,145	18,615,694	25,582,177
Primary iron and steel.....	63	29,378	57,862,489	86,417,375	89,859,343	192,279,159
Sheet metal products.....	196	17,121	27,736,555	58,242,909	46,632,971	106,257,719
Wire and wire goods.....	89	6,158	10,791,526	13,837,950	26,234,722	41,026,403
Miscellaneous iron products...	186	20,663	41,768,204	71,221,217	72,293,317	145,722,443
Transportation Equipment...	504	154,844	326,748,794	498,241,686	523,910,119	1,034,666,913
Aircraft.....	38	37,812	84,230,503	115,093,267	161,746,606	278,652,880
Bicycles.....	7	691	1,135,695	1,288,153	1,711,785	3,072,950
Boats and canoes.....	149	1,337	1,946,415	2,194,398	2,744,662	4,995,801
Automobiles.....	6	17,915	43,623,220	164,963,785	61,987,025	228,695,109
Automobile parts and acces- sories.....	108	17,390	33,115,867	65,897,750	58,727,677	126,562,829
Railway rolling-stock.....	37	30,515	61,793,939	84,264,315	92,804,283	181,249,842
Shipbuilding and repairs.....	89	48,118	99,470,593	60,294,253	141,646,420	204,594,323
Carriages, wagons and sleighs	61	443	514,120	546,043	825,566	1,402,759
Automobile accessories, fab- ric.....	9	623	918,442	3,699,722	1,716,095	5,440,420
Non-Ferrous, Metal Products	436	44,221	81,889,942	337,872,041	180,653,076	548,853,026
Aluminum products.....	32	4,677	8,142,816	12,981,173	12,948,765	26,738,152
Brass and copper products.....	161	13,267	25,680,949	53,655,695	49,403,675	105,150,750
Jewellery, electro-plated ware etc.....	158	5,514	8,108,837	16,164,076	14,837,706	31,199,217
Non-ferrous metal smelting and refining.....	17	16,771	33,853,120	238,940,486	89,898,878	355,676,526
White metal alloys.....	41	2,929	4,560,581	13,718,455	10,160,589	23,222,129
Miscellaneous non-ferrous met- al products.....	27	1,063	1,543,639	2,412,156	4,403,463	6,866,252
Electrical Apparatus and Supplies.....	247	44,129	76,468,795	92,041,030	135,919,899	230,531,874
Non-Metallic Mineral Prod's.	700	20,269	32,959,877	41,488,955	76,318,456	130,704,796
Abrasive products.....	15	2,353	4,771,226	8,223,797	15,079,484	25,492,686
Asbestos products.....	13	912	1,422,077	2,812,091	2,648,565	5,677,291
Cement.....	8	1,317	2,398,117	2,794,676	9,416,426	15,422,031
Cement products.....	171	1,533	2,227,583	3,919,467	4,731,571	8,968,083
Clay products:						
Clay products, domestic...	106	2,688	3,828,206	194,257	6,938,409	8,913,092
Clay products, imported...	28	1,427	2,064,645	1,167,283	3,814,872	5,327,282
Sand, lime, brick.....	4	78	125,321	84,639	195,398	308,652

11.—Principal Statistics of the Manufacturing Industries of Canada, 1945, Classified on the Standard Classification Basis,—concluded

	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Value of Products	
					Net	Gross
	No.	No.	\$	\$	\$	\$
Non-Metallic Mineral Prod's. (cont'd.)—						
Glass products.....	103	5,830	9,043,864	10,467,286	15,947,871	28,281,397
Gypsum products.....	9	603	937,369	2,843,004	2,583,196	5,716,114
Lime.....	44	856	1,473,829	424,412	4,663,859	6,732,348
Stone, monumental and orna- mental.....	144	1,055	1,665,593	1,706,599	3,295,818	5,199,120
Misc. non-metallic mineral products.....	55	1,617	3,002,047	6,851,444	7,002,987	14,666,700
Products of Petroleum and Coal.....	80	11,532	22,904,418	188,899,911	65,637,131	270,166,984
Coke and gas products.....	34	4,757	9,013,108	37,746,482	24,213,270	68,483,305
Petroleum products.....	46	6,775	13,891,310	151,153,429	41,423,861	201,683,679
Chemical Products.....	986	61,339	107,050,824	228,855,956	252,944,165	498,630,798
Acids, alkalies and salts.....	35	7,022	14,527,508	22,351,361	36,517,138	67,467,062
Fertilizers.....	26	2,146	4,418,916	18,708,175	14,681,500	34,505,756
Medicinal and pharmaceutical preparations.....	204	8,339	12,733,511	22,941,566	36,978,645	60,330,928
Paints, pigments and var- nishes.....	90	4,979	8,947,199	24,532,362	23,438,321	48,396,502
Soaps, washing compounds, etc.....	134	3,210	5,873,994	18,366,330	18,158,889	37,174,244
Toilet preparations.....	94	2,137	2,842,440	7,053,472	11,887,050	18,992,908
Vegetable oil mills.....	13	616	1,032,839	16,658,320	3,242,562	20,098,109
Miscellaneous chemicals:						
Inks, printing and writing..	31	641	1,341,553	2,138,428	2,852,169	5,037,168
Adhesives.....	20	576	1,067,337	2,662,236	2,594,042	5,422,488
Polishes and dressings.....	51	739	1,032,071	4,219,413	3,834,602	8,091,054
Coal tar distillation.....	10	381	727,102	3,356,468	1,917,916	5,616,313
Gases, compressed.....	41	1,097	1,933,727	1,269,309	6,812,375	8,429,524
Wood distillation.....	5	242	375,356	843,828	368,681	1,407,195
Miscellaneous chemicals, n.e.s.....	232	29,214	50,197,271	83,754,688	89,660,775	177,661,547
Miscellaneous Manufacturing Industries.....	701	24,647	38,105,717	87,248,861	61,324,784	149,964,019
Brooms, brushes and mops..	85	2,340	3,024,400	4,418,618	5,668,839	10,188,372
Mattresses and springs.....	78	3,241	5,192,243	11,653,811	9,405,562	21,258,978
Musical instruments.....	25	836	1,142,927	816,604	1,630,497	2,520,332
Fountain pens and pencils...	10	1,315	1,892,220	2,627,912	4,253,146	6,912,300
Scientific and professional equipment.....	49	7,226	13,964,073	52,605,810	17,404,946	70,323,034
Sporting goods.....	36	1,101	1,433,218	3,294,096	2,162,046	5,504,640
Toys and games.....	56	1,428	1,473,937	1,876,656	2,892,078	4,810,065
Typewriter supplies.....	8	306	568,151	1,255,348	1,085,573	2,358,608
Miscellaneous industries:—						
Statuary, art goods and novelties.....	89	1,031	1,154,995	1,054,240	1,824,637	2,901,849
Lamps, electric and lamp shades.....	28	651	768,117	1,115,817	1,355,273	2,491,819
Artificial flowers and feath- ers.....	30	689	706,074	796,486	1,293,186	2,097,865
Signs, electric, neon and other.....	30	605	1,095,673	499,680	1,999,872	2,574,827
Hair goods, animal and human.....	18	314	381,939	763,213	513,709	1,288,565
Umbrellas.....	6	113	143,143	239,610	288,249	528,956
Tobacco pipes.....	6	42	46,726	18,350	64,829	84,901
Buttons.....	21	944	1,348,191	1,479,301	2,214,270	3,748,687
Stamps and stencils, rubber and metal.....	43	528	811,011	392,142	1,278,302	1,686,874
Miscellaneous industries, n.e.s.....	10	364	426,382	443,210	681,908	1,138,936
Ice, artificial.....	56	871	1,335,515	125,792	3,190,353	3,621,664
Candles.....	12	252	326,739	666,462	829,190	1,517,187
Motion pictures.....	5	450	870,043	1,105,703	1,288,162	2,405,560
Totals.....	29,050	1,119,372	1,845,773,449	4,473,668,847	3,564,315,899	8,250,368,866

Subsection 3.—Manufactures Classified by the Purpose of the Products

Significant changes have occurred since 1922 in the importance of the various groups shown in the purpose classification. On the basis of percentage to gross value of production, the most striking change is in the food group which showed a substantial decline from 28·2 p.c. of the total in 1922 to 22·6 p.c. in 1939 and 20·8 p.c. in 1945. The producer materials group, which took the lead from the food group in 1923, showed a steady increase up to 1939, since when it has remained at about 30 p.c. of the total. Due to the production of war equipment, vehicles and vessels increased from 7·7 p.c. in 1939 to 13·1 p.c. in 1945 and industrial equipment from 15·2 p.c. to 16·3 p.c. The other groups with the exception of "miscellaneous" showed slight declines during the war years.

12.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups, Significant Years 1922-45 and in Detail for 1945.

Year and Purpose Heading	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1922						
Food.....	8,256	343,867,673	66,815	67,738,707	490,731,438	673,794,031
Drink and tobacco.....	496	104,047,461	13,402	13,777,986	33,027,203	99,529,819
Clothing.....	659	166,336,319	63,441	59,056,687	117,015,780	221,903,467
Personal utilities.....	936	56,060,262	16,904	17,080,049	21,879,031	57,258,476
House furnishings.....	600	75,168,053	18,032	19,861,883	24,956,960	62,961,050
Books and stationery.....	1,557	82,240,691	28,103	36,920,804	27,190,071	99,118,969
Vehicles and vessels.....	1,154	191,257,804	30,067	37,237,412	87,840,814	160,624,079
Producers' materials.....	5,588	1,086,692,015	143,354	147,581,011	316,400,400	666,241,271
Industrial equipment.....	1,740	556,862,578	75,269	89,081,303	160,035,399	338,882,958
Miscellaneous.....	30	4,960,434	869	1,061,388	2,964,354	4,916,418
Totals, 1922.....	21,016	2,667,493,290	456,256	489,397,230	1,282,041,450¹	2,385,230,538¹
1929						
Food.....	8,351	463,984,558	94,707	87,960,036	597,396,238	837,986,384
Drink and tobacco.....	599	201,365,785	18,976	21,670,376	65,440,053	208,968,998
Clothing.....	1,680	223,376,104	93,935	88,914,849	172,726,557	336,452,685
Personal utilities.....	380	56,155,234	11,148	13,595,331	29,389,246	61,191,750
House furnishings.....	600	76,185,921	20,857	23,248,775	34,293,465	77,811,331
Books and stationery.....	1,917	144,222,275	38,141	56,003,183	45,384,362	155,947,960
Vehicles and vessels.....	781	310,942,038	61,835	91,239,185	243,258,350	407,947,648
Producers' materials.....	6,227	1,776,758,115	223,071	258,255,079	524,193,104	1,154,908,260
Industrial equipment.....	1,576	719,112,914	99,922	131,820,142	304,581,449	614,827,756
Miscellaneous.....	105	32,789,065	3,939	4,584,261	13,007,989	27,403,344
Totals, 1929.....	22,216	4,004,892,009	666,531	777,291,217	2,029,670,813	3,883,446,116
1933						
Food.....	8,759	408,995,499	75,434	68,652,798	313,760,942	492,729,174
Drink and tobacco.....	670	155,612,678	18,289	17,626,141	40,454,300	98,409,638
Clothing.....	1,922	143,382,092	75,363	56,001,234	103,209,050	194,627,734
Personal utilities.....	601	39,681,900	8,938	8,616,372	15,323,848	35,589,961
House furnishings.....	654	66,047,002	15,587	12,887,200	16,022,584	38,684,649
Books and stationery.....	2,170	132,507,101	34,300	42,890,661	28,818,380	103,477,707
Vehicles and vessels.....	479	232,153,543	37,618	35,725,625	56,917,292	120,992,781
Producers' materials.....	6,564	1,459,569,284	139,734	126,208,238	252,383,314	573,991,467
Industrial equipment.....	1,819	588,147,285	60,061	64,155,426	133,362,392	277,075,032
Miscellaneous.....	142	23,163,454	3,334	3,544,129	7,516,826	18,497,642
Totals, 1933.....	23,780	3,279,259,838	468,658	436,247,824	967,788,928	1,954,075,785

¹ For the year 1922 the figures for "Cost of Materials" and "Gross Value of Products" include the value placed on intermediate products used in further processes in the chemical group of industries. For this reason these figures differ slightly from those contained in the other tables of this report.

12.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups, Significant Years 1922-45 and in Detail for 1945—continued

Year and Purpose Heading	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1937						
Food.....	8,696	441,611,585	96,740	94,656,930	558,118,480	792,271,852
Drink and tobacco.....	668	187,487,631	21,646	24,398,981	68,935,399	152,152,105
Clothing.....	2,158	173,474,299	95,274	79,547,935	148,901,374	271,690,917
Personal utilities.....	634	43,476,516	12,420	12,729,626	28,185,411	55,289,473
House furnishings.....	800	89,293,123	27,446	27,169,931	41,836,387	90,102,397
Books and stationery.....	2,349	137,392,420	40,348	53,453,842	44,257,314	138,673,644
Vehicles and vessels.....	376	248,949,257	55,141	71,890,706	186,070,917	319,280,534
Producers' materials.....	6,892	1,482,194,043	208,930	232,733,013	634,232,482	1,221,670,588
Industrial equipment.....	2,086	629,908,231	97,250	119,070,287	280,546,886	551,891,976
Miscellaneous.....	175	31,440,726	5,256	6,075,786	15,842,137	32,436,014
Totals, 1937.....	24,834	3,465,227,831	660,451	721,727,937	2,096,926,787	3,625,459,500
1939						
Food.....	8,529	451,298,489	99,983	101,904,518	526,619,353	784,072,722
Drink and tobacco.....	657	190,313,279	23,489	27,051,038	74,295,571	164,812,439
Clothing.....	2,178	187,495,826	97,220	83,762,588	146,201,614	275,567,762
Personal utilities.....	623	46,866,657	12,623	13,771,704	26,408,179	57,043,684
House furnishings.....	767	93,773,837	27,647	28,417,336	40,528,394	88,800,804
Books and stationery.....	2,452	143,293,147	41,804	56,466,921	47,916,777	144,288,052
Vehicles and vessels.....	364	269,734,181	54,673	72,238,590	141,704,269	266,089,493
Producers' materials.....	7,095	1,580,602,852	201,849	229,381,185	559,816,486	1,130,510,177
Industrial equipment.....	1,957	650,305,878	93,235	117,754,260	257,416,596	528,678,421
Miscellaneous.....	183	33,340,303	5,591	7,063,013	15,252,136	34,919,974
Totals, 1939.....	24,805	3,647,024,449	658,114	737,811,153	1,836,159,375	3,474,783,528
1943						
Food.....	8,421	592,585,732	123,531	159,966,391	1,094,856,728	1,464,737,993
Drink and tobacco.....	647	242,927,173	28,044	40,435,534	99,602,633	238,506,471
Clothing.....	2,592	244,217,485	119,715	141,914,240	292,357,250	523,922,505
Personal utilities.....	730	68,356,782	18,059	24,516,425	50,345,687	104,512,562
House furnishings.....	881	121,791,799	38,472	54,067,442	80,661,310	178,461,622
Books and stationery.....	2,476	159,733,494	45,647	71,581,405	72,022,230	204,779,758
Vehicles and vessels.....	385	816,203,889	217,970	425,756,663	587,491,411	1,272,121,963
Producers' materials.....	8,554	2,503,815,480	361,570	582,769,064	1,449,892,836	2,748,227,057
Industrial equipment.....	2,724	1,051,234,389	223,783	387,609,582	707,744,312	1,492,541,620
Miscellaneous.....	242	516,300,504	64,277	98,675,638	255,518,686	505,049,448
Totals, 1943.....	27,652	6,317,166,727	1,241,068	1,987,292,384	4,690,493,083	8,732,860,999
1944						
Food.....	8,435	.....	136,747	183,795,031	1,271,356,037	1,702,330,839
Drink and tobacco.....	635	.....	28,566	44,140,376	118,406,602	281,731,695
Clothing.....	2,713	.....	117,056	146,623,855	284,018,437	529,230,834
Personal utilities.....	758	.....	18,922	26,130,683	54,417,448	115,502,040
House furnishings.....	908	.....	38,940	58,426,100	83,231,172	187,175,054
Books and stationery.....	2,468	.....	47,319	76,542,070	75,882,848	219,966,613
Vehicles and vessels.....	413	.....	222,604	454,449,952	637,341,589	1,425,858,778
Producers' materials.....	8,990	.....	343,035	567,699,762	1,369,160,212	2,646,303,770
Industrial equipment.....	2,889	.....	216,279	385,434,071	697,897,961	1,512,623,216
Miscellaneous.....	274	.....	53,414	86,379,470	240,621,050	452,969,680
Totals, 1944.....	28,483	.....	1,222,882	2,029,621,370	4,832,333,356	9,073,692,519

¹ Not collected in 1944.

12.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups, Significant Years 1922-45 and in Detail for 1945—concluded

1945	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Food	8,310	138,798	193,248,422	1,275,251,323	421,151,585	1,719,329,106
Drink and tobacco.....	648	29,762	47,398,501	140,745,224	180,081,452	324,989,427
Clothing	3,046	123,681	159,792,122	303,595,189	266,681,013	573,291,033
Personal utilities.....	780	20,998	29,266,421	61,739,904	66,176,283	129,130,335
House furnishings.....	1,102	41,204	61,922,834	90,428,186	102,341,665	195,859,702
Books and stationery.....	2,502	51,276	85,428,837	84,949,518	156,991,699	244,398,179
Vehicles and vessels.....	442	160,321	331,825,962	507,145,106	562,302,572	1,084,076,890
Producers' materials.....	8,941	320,974	529,821,323	1,258,478,355	1,046,626,043	2,428,836,658
Industrial equipment.....	2,996	199,851	351,884,793	653,419,689	662,460,315	1,348,434,924
Miscellaneous.....	283	32,507	55,184,234	97,916,353	99,503,272	202,022,612
Totals 1945.....	29,050	1,119,372	1,845,773,449	4,473,668,847	3,564,315,899	8,250,368,566
1945—Detail						
Food.....	8,310	138,798	193,248,422	1,275,251,323	421,151,585	1,719,329,106
Breadstuffs.....	4,167	52,716	70,703,809	315,872,381	150,897,599	474,921,779
Fish.....	540	10,219	11,268,019	62,064,331	30,529,102	93,567,274
Fruit and vegetable prepara- tions.....	470	14,440	16,117,172	59,712,161	37,958,248	99,371,391
Meats.....	226	23,740	40,711,606	430,642,185	76,022,900	509,658,612
Milk products.....	2,381	22,542	31,219,760	214,494,441	64,016,477	283,652,417
Oils and fats.....	8	130	251,782	634,279	389,670	1,100,721
Sugar.....	11	2,713	4,860,264	46,518,380	13,831,651	61,821,443
Miscellaneous.....	507	12,298	18,116,010	145,313,165	47,505,938	195,235,469
Drink and Tobacco.....	648	29,762	47,398,501	140,745,224	180,081,452	324,989,427
Beverages, alcoholic.....	78	11,432	21,871,038	44,450,681	106,674,982	154,076,631
Beverages, non-alcoholic.....	484	6,166	9,789,422	17,118,024	30,420,478	48,368,864
Tobacco.....	86	12,164	15,738,041	79,176,519	42,985,992	122,543,932
Clothing.....	3,046	123,681	159,792,122	303,595,189	266,681,013	573,291,033
Boots and shoes, leather.....	263	20,096	24,668,874	45,685,629	38,419,106	84,523,621
Fur goods.....	591	7,199	11,303,522	36,280,970	18,300,106	54,773,683
Garments and personal fur- nishings.....	1,675	62,655	84,738,080	160,714,863	143,475,848	305,091,666
Gloves and mittens.....	94	3,690	3,582,519	6,362,923	5,690,936	12,107,300
Hats and caps.....	194	5,909	8,067,777	12,202,413	12,940,098	25,326,931
Knitted goods.....	216	23,654	26,640,343	40,423,407	46,368,918	88,035,002
Waterproofs.....	13	572	791,007	1,924,984	1,486,001	3,432,830
Personal Utilities.....	780	20,998	29,266,421	61,739,904	66,176,283	129,130,335
Jewellery and time-pieces.....	158	5,514	8,108,837	16,164,076	14,837,706	31,199,217
Recreational supplies.....	117	3,365	4,050,082	5,987,356	6,684,621	12,835,037
Personal utilities.....	505	12,119	17,107,502	39,588,472	44,653,956	85,096,081
House Furnishings.....	1,102	41,204	61,922,834	90,428,186	102,341,665	195,859,702
Books and Stationery.....	2,502	51,276	85,428,837	84,949,518	156,991,699	244,398,179
Vehicles and Vessels.....	442	160,321	331,825,962	507,145,106	562,302,572	1,084,076,890
Producers' Materials.....	8,941	320,974	529,821,323	1,258,478,355	1,046,626,043	2,428,836,658
Farm material.....	26	2,146	4,418,916	18,708,175	14,681,500	34,505,756
Manufacturers' materials.....	1,278	193,981	343,051,920	849,533,316	682,621,563	1,637,559,529
Building materials.....	7,096	100,067	148,743,969	307,456,264	288,320,204	610,178,766
General materials.....	541	24,080	33,606,518	82,780,600	61,002,776	146,592,607
Industrial Equipment.....	2,996	199,851	351,884,793	653,419,689	662,460,315	1,348,434,924
Farming equipment.....	54	13,710	24,562,757	26,661,639	30,504,452	58,257,807
Manufacturing equipment.....	285	27,044	47,842,569	45,689,348	92,874,779	140,343,220
Trading equipment.....	137	2,310	3,810,350	2,272,962	7,554,257	10,241,973
Service equipment.....	402	18,239	30,189,416	79,499,784	59,910,560	140,238,362
Light, heat and power equip- ment.....	387	60,611	109,489,179	290,969,379	216,613,196	526,306,973
General equipment.....	1,731	77,937	135,990,522	208,326,577	255,003,071	473,046,589
Miscellaneous.....	283	32,507	55,184,234	97,916,353	99,503,272	202,022,612

Table 13 has been included in order to give the amount and value of each of the principal commodities produced by the manufacturing industries of Canada. The list is not intended to be complete since a large number of commodities are produced

in such small quantities that it would extend the table considerably without adding proportionately to its value to include them. The commodities listed, however, cover approximately 75 p.c. of total production. For a complete list of products, see Appendix II of this report.

13.—Quantities and Values of the Principal Commodities Produced by the Manufacturing Industries of Canada, Grouped by Purpose, 1945

	Unit of Measure	Quantity	Value \$
Food—			
Biscuits, all kinds.....	ton	73,070	25,119,235
Bread, pies, cakes, etc.....	—	—	120,339,509
Butter, factory made.....	lb.	293,782,846	101,398,478
Cheese, factory made.....	"	229,858,912	50,147,521
Confectionery, all kinds.....	—	—	41,276,125
Cream, sold in dairy factories.....	lb.	19,889,770	14,875,221
Feed, chopped grain.....	—	—	49,358,018
Fish, canned and otherwise prepared.....	—	—	47,010,832
Flour, wheat.....	bbl.	25,121,418	139,830,319
Feeds, stock, poultry, etc.....	—	—	62,286,635
Fruits and vegetables, canned.....	lb.	380,520,978	29,051,209
Ice cream, factory made.....	gal.	14,883,268	18,480,139
Jams, jellies and marmalades.....	lb.	89,018,523	11,292,419
Lard.....	"	67,343,035	9,016,883
Meats, cured.....	"	577,728,666	136,882,855
Meats, sold fresh.....	"	184,663,858	230,660,261
Milk, sold in dairy factories.....	gal.	123,655,938	51,100,381
Milk, evaporated and condensed.....	lb.	228,878,651	19,389,016
Pickles, sauces and catsup.....	—	—	8,836,461
Powders, edible.....	lb.	108,423,166	44,580,329
Sausage, fresh and cured.....	"	133,250,476	25,436,642
Shortening.....	"	111,272,102	16,401,135
Soup, canned.....	"	131,916,108	15,872,545
Sugar, granulated (cane and beet).....	"	851,314,065	52,233,169
Tea and coffee, prepared.....	"	102,107,540	49,476,314
Drink and Tobacco¹—			
Aerated waters.....	gal.	51,340,353	34,602,233
Beer, ale, stout and porter.....	"	128,909,858	157,568,242
Cigarettes.....	M	17,684,707	207,612,532
Cigars.....	"	207,861	11,715,058
Spirits, potable, sold.....	Pr gal..	10,105,042	48,001,549
Tobacco, chewing, smoking and snuff.....	lb.	30,016,710	44,724,715
Tobacco, raw leaf, processed.....	"	100,368,445	40,432,698
Wine, sold.....	gal.	3,862,963	6,851,915
Clothing—			
Coats and overcoats, men's, boys' and women's.....	No.	2,626,488	81,322,477
Dresses, women's and misses'.....	"	12,004,826	47,578,418
Footwear, leather.....	pr.	31,761,417	76,063,640
Footwear, rubber.....	"	18,025,431	24,659,378
Hats, and caps, men's and boys'.....	doz.	664,392	9,525,573
Hats, women's.....	"	452,585	9,243,038
Hosiery, all kinds.....	"	8,492,631	36,251,873
Shirts, fine and work.....	"	1,114,723	15,041,988
Suits, men's and boys'.....	No.	1,765,202	31,498,099
Suits, women's and misses'.....	"	467,463	7,794,274
Underwear.....	doz.	3,596,131	21,080,694
Uniforms, woollen.....	No.	1,234,503	15,569,689
Personal Utilities—			
Bags, leather.....	—	—	8,221,671
Jewellery.....	—	—	11,056,402
Pianos, organs and parts.....	—	—	1,088,207
Plated ware, all kinds.....	—	—	5,550,512
Radio sets and accessories ²	—	—	48,004,976
Soap.....	lb.	274,919,143	29,551,875
Sporting goods.....	—	—	6,450,203
Toilet preparations and perfumes.....	—	—	13,962,044
Toys and games.....	—	—	7,452,825
House Furnishings—			
Blankets, all kinds.....	lb.	11,070,480	8,845,862
Brooms and brushes.....	—	—	9,536,722
Carpets, mats and rugs.....	carpet yd.	1,676,402	4,974,837
Furniture, household, incl. beds and couches.....	—	—	44,275,480
Heating and ventilating equipment and furnaces.....	—	—	8,010,878
Kitchenware.....	—	—	5,349,255

¹Includes excise taxes on tobacco products and prime cost of spirits.

²See also Radio communication equipment under "Miscellaneous".

13.—Quantities and Values of the Principal Commodities Produced by the Manufacturing Industries of Canada, Grouped by Purpose, 1945—concluded

	Unit of Measure	Quantity	Value
Household Furnishings—concluded			
Mattresses.....	No.	1,021,106	\$ 9,562,250
Mops.....	—	—	967,855
Springs, bed and other furniture.....	—	—	3,447,676
Stoves, coal, wood, electric and gas.....	No.	443,484	12,456,701
Books and Stationery—			
Advertising matter, printed.....	—	—	14,327,566
Books and catalogues, printed.....	—	—	10,343,069
Circular letters, bank notes, etc., printed.....	—	—	9,939,656
Periodicals, printed for publishers.....	—	—	10,120,430
Periodicals, printed by publishers—	—	—	—
Subscriptions and sales.....	—	—	29,296,850
Gross revenue from advertising.....	—	—	47,360,692
Sheet forms, commercial, printed.....	—	—	15,919,602
Vehicles and Vessels—			
Aircraft, including parts and repairs.....	—	—	307,364,895
Automobiles, commercial.....	—	—	166,555,213
Automobile parts and accessories.....	—	—	101,710,087
Cars, and locomotives, and parts.....	—	—	91,140,205
Ships and ship repairs.....	—	—	266,093,998
Miscellaneous—			
Abrasives, artificial.....	—	—	18,934,590
Bags, cotton and jute.....	doz.	11,827,992	25,021,742
Bags, paper.....	—	—	12,268,100
Bars, iron and steel, hot rolled.....	net ton	438,622	31,680,209
Batteries, electric, and parts.....	—	—	16,242,963
Blooms, billets and slabs.....	—	—	17,732,009
Boilers, heating and power, and parts.....	—	—	14,816,324
Boxes, paper and wood.....	—	—	66,230,517
Calcium and sodium compounds.....	—	—	21,264,038
Cans, tin.....	—	—	37,461,193
Castings, iron.....	ton	229,427	27,929,572
Coke.....	"	3,912,320	37,671,991
Cotton fabrics.....	y.d.	336,173,307	58,911,912
Enamels, lacquers and varnishes.....	—	—	18,815,872
Explosives.....	—	—	27,758,430
Farm implements and parts.....	—	—	38,701,000
Ferro-alloys.....	—	—	15,928,052
Forgings, steel and other.....	—	—	25,850,765
Gas, sold.....	M cu. ft.	21,551,189	19,916,643
Gases, compressed and liquefied.....	—	—	12,932,538
Gasoline.....	imp. gal.	953,016,955	110,785,813
Glass, pressed and blown.....	—	—	18,334,002
Hardware, builders' and other.....	—	—	8,642,102
Leather, shoe.....	—	—	34,081,996
Lumber, sawn, rough and planed.....	—	—	181,045,952
Machinery, all kinds and parts.....	—	—	142,972,423
Medicines and pharmaceuticals.....	—	—	46,248,763
Munitions and other war supplies.....	—	—	302,522,324
Oil, fuel and gas.....	imp. gal.	887,883,571	45,426,635
Paints, mixed, ready for use.....	"	9,729,387	23,404,582
Paper, newsprint, wrapping and book.....	—	—	216,336,130
Paper boards.....	—	—	46,805,442
Pipes and fittings, iron and steel.....	—	—	25,949,509
Plates, sheets, etc., iron and steel.....	net ton	495,213	35,311,676
Pulp, wood, made for sale.....	short ton	1,657,125	115,735,408
Radio communication equipment.....	—	—	34,141,520
Refrigerators, electric.....	No.	3,459	1,018,898
Rods and bars, brass, bronze, etc.....	lb.	47,750,756	7,255,273
Rods, copper wire.....	net ton	—	17,189,884
Rolled iron and steel forms, semi-finished.....	"	1,800,066	17,732,009
Sash, doors and other millwork.....	—	—	24,830,781
Scientific instruments.....	—	—	60,569,313
Silk, artificial and mixtures, continuous filament.....	y.d.	57,055,801	27,947,212
Smelter and refinery products.....	—	—	355,676,526
Spun rayon and mixtures.....	y.d.	24,836,720	10,503,365
Steel ingots and castings (sold).....	net ton	148,247	28,121,723
Steel shapes erected, bridge, etc.....	—	—	14,581,836
Steel shapes, structural, made.....	—	—	13,491,204
Tire fabrics.....	lb.	25,865,820	14,545,665
Tools, all kinds.....	—	—	22,702,486
Twine and rope.....	—	—	16,571,427
Wires and cables, electrical.....	—	—	36,681,153
Wire, wire rope and cable, steel.....	—	—	18,028,199
Woollen cloth, woven and other.....	y.d.	25,914,348	43,670,728
Yarn, cotton, artificial silk, wool, etc., made for sale.....	lb.	81,960,232	54,356,294

Subsection 4.—Manufactures Classified by Origin of the Materials

The distinction made between farm materials of Canadian and foreign origin is based on whether the materials are indigenous to Canada rather than on their actual source. Thus, the industries included in the foreign origin classes are those depending upon materials that cannot be grown in Canada, such as tea, coffee, spices, cane sugar, rice, rubber, cotton, etc. Industries included in the Canadian origin classes may, however, be using large quantities of imported materials.

The mineral origin group includes, in addition to the non-ferrous metals, so largely produced in Canada, the manufactures of iron and steel, of petroleum, and of other mineral substances, the raw materials for which are very largely imported. Products of mineral origin, with the exception of fuels, are nearly all durable goods. A high standard of living and advanced industrial organization is usually indicated by a relatively large production and consumption of mineral products. During periods of depression when the production of capital goods is curtailed, employment in the industries of the farm group, which produce mainly consumer goods, exceeds that of the mineral group. The industries of the mineral group in 1943 had by far the greatest capital investment, employed the largest number of persons, and paid out the highest amount in salaries and wages. In 1943 the average capital per employee amounted to \$5,441 for the mineral group as compared with \$4,417 for the farm origin group. The mineral group also pays the highest wages. In 1945 the average salary and wage was \$1,914 for the mineral group and \$1,407 for the farm origin group.

14.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Material Used, by Main Groups, Significant Years 1924-45

Year and Origin	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1924						
Farm origin.....	8,663	772,791,471	152,488	153,213,763	716,047,892	1,099,279,665
Mineral origin.....	2,806	1,010,517,944	136,837	171,068,497	349,800,585	700,002,097
Forest origin.....	6,873	876,149,932	126,907	147,719,245	245,183,429	544,282,597
Marine origin.....	836	20,304,785	11,157	3,344,348	16,089,332	26,637,962
Wild life origin.....	226	10,837,249	2,944	3,194,213	7,506,169	13,886,266
Mixed origin.....	1,305	204,716,127	57,277	55,927,609	101,563,384	200,718,177
Grand Totals, 1924.....	20,709	2,895,317,508	487,610	534,467,675	1,436,190,791	2,584,306,764
Farm Origin Group—						
From field crops.....	4,595	525,717,571	89,436	87,789,237	433,443,376	691,513,259
From animal husbandry..	4,068	247,073,900	63,052	65,424,526	282,604,516	407,766,406
Totals, Farm Origin.....	8,663	772,791,471	152,488	153,213,763	716,047,892	1,099,279,665
Canadian origin.....	8,379	546,231,949	114,514	119,217,657	553,357,883	848,236,237
Foreign origin.....	284	226,559,522	37,974	33,996,106	162,690,009	251,043,428
1929						
Farm origin.....	9,041	969,384,866	181,682	188,306,755	852,606,083	1,396,769,569
Mineral origin.....	3,219	1,550,662,908	218,879	304,027,803	678,683,203	1,392,499,868
Forest origin.....	7,353	1,148,558,242	163,863	191,044,307	313,088,964	722,269,066
Marine origin.....	730	28,644,442	16,367	5,411,855	21,496,859	34,966,260
Wild life origin.....	234	14,338,686	3,767	4,783,323	12,847,817	20,861,039
Mixed origin.....	1,639	293,302,865	81,973	83,717,174	150,947,887	316,080,314
Grand Totals, 1929.....	22,216	4,004,892,009	666,531	777,291,217	2,029,670,813	3,883,446,116
Farm Origin Group—						
From field crops.....	5,191	697,206,163	114,236	115,201,292	496,842,580	889,075,246
From animal husbandry..	3,850	272,178,703	67,446	73,105,463	355,763,503	507,694,323
Totals, Farm Origin.....	9,041	969,384,866	181,682	188,306,755	852,606,083	1,396,769,569
Canadian origin.....	8,743	708,461,549	134,680	140,340,993	682,056,026	1,106,006,184
Foreign origin.....	298	260,923,317	47,002	47,965,762	170,550,087	290,763,385

¹ For the year 1924 the figures for "Cost of Materials" and "Gross Value of Products" include the value placed on intermediate products used in further processes in the chemical group of industries. For this reason these figures differ slightly from those contained in the other tables of this report.

14.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Material Used, by Main Groups, Significant Years 1924-45—continued

Year and Origin	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1933						
Farm origin.....	9,695	844,582,058	158,602	137,711,749	454,882,704	791,956,470
Mineral origin.....	3,539	1,306,641,651	130,565	138,101,092	271,434,337	601,428,003
Forest origin.....	7,796	882,445,602	102,807	99,046,012	133,550,374	335,886,257
Marine origin.....	620	15,532,775	4,064	2,287,385	10,960,289	17,380,323
Wild life origin.....	335	10,507,157	3,498	3,481,885	7,159,079	13,000,927
Mixed origin.....	1,795	219,550,595	69,122	55,619,701	89,802,145	194,423,805
Grand Totals, 1933.....	23,780	3,279,259,838	468,658	436,247,824	967,788,928	1,954,075,785
Farm Origin Group—						
From field crops.....	5,746	609,044,529	93,433	81,655,182	263,007,043	494,048,930
From animal husbandry..	3,949	235,537,529	65,169	56,056,567	191,875,661	297,907,540
Totals, Farm Origin.....	9,695	844,582,058	158,602	137,711,749	454,882,704	791,956,470
Canadian origin.....	9,373	629,450,643	124,547	107,807,386	365,559,776	620,197,449
Foreign origin.....	322	215,131,415	34,055	29,904,363	89,322,928	171,759,021
1937						
Farm origin.....	10,139	901,539,200	203,908	197,861,819	809,964,706	1,276,249,283
Mineral origin.....	3,384	1,401,562,788	216,959	280,323,383	784,742,328	1,451,202,762
Forest origin.....	8,392	916,530,488	144,597	161,030,221	254,863,829	589,517,795
Marine origin.....	597	18,130,385	5,427	3,354,771	16,318,781	26,088,625
Wild life origin.....	365	13,328,164	4,264	4,452,918	10,761,233	17,658,867
Mixed origin.....	1,957	214,136,806	85,296	74,703,925	130,275,910	264,742,168
Grand Totals, 1937.....	24,834	3,465,227,831	660,451	721,727,037	2,006,926,787	3,625,459,500
Farm Origin Group—						
From field crops.....	6,197	635,995,955	118,765	115,999,546	456,791,911	774,683,154
From animal husbandry..	3,942	265,543,245	85,143	81,862,273	353,172,795	501,566,129
Totals, Farm Origin.....	10,139	901,539,200	203,908	197,861,819	809,964,706	1,276,249,283
Canadian origin.....	9,326	673,003,567	158,075	152,070,575	659,488,389	1,008,885,353
Foreign origin.....	813	228,535,633	45,833	45,791,244	150,476,317	267,363,930
1939						
Farm origin.....	10,203	952,929,892	220,210	217,724,965	778,250,125	1,289,993,021
Mineral origin.....	3,474	1,498,265,618	210,752	280,054,303	669,728,573	1,321,444,094
Forest origin.....	8,430	951,016,933	142,091	160,798,500	244,944,997	572,335,960
Marine origin.....	523	21,479,200	5,369	3,638,794	18,114,698	28,816,536
Wild life origin.....	384	14,723,743	4,604	5,396,623	11,592,066	19,961,521
Mixed origin.....	1,791	208,609,063	75,088	70,197,968	113,628,916	242,232,391
Grand Totals, 1939.....	24,805	3,647,024,449	658,114	737,811,153	1,836,159,375	3,474,783,928
Farm Origin Group—						
From field crops.....	6,096	649,746,486	124,708	126,311,033	410,994,461	759,964,866
From animal husbandry..	4,107	303,183,406	95,502	91,413,932	367,255,664	530,028,155
Totals, Farm Origin.....	10,203	952,929,892	220,210	217,724,965	778,250,125	1,289,993,021
Canadian origin.....	9,382	699,345,423	171,460	168,260,771	630,779,223	1,011,294,132
Foreign origin.....	821	253,584,469	48,750	49,464,194	147,470,902	278,698,889
1943						
Farm origin.....	10,299	1,216,233,910	275,337	357,141,351	1,602,302,829	2,394,035,243
Mineral origin.....	4,256	3,667,230,050	673,988	1,234,374,825	2,358,826,073	4,788,289,815
Forest origin.....	9,870	1,094,903,638	181,019	259,111,310	445,445,053	991,157,515
Marine origin.....	523	30,741,194	8,621	9,137,089	43,366,785	64,804,969

14.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Material Used, by Main Groups, Significant Years 1924-45—concluded

Year and Origin	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1943—concluded						
Wild life origin.....	511	23,768,316	6,000	8,744,483	27,073,763	42,081,385
Mixed-origin.....	2,193	284,289,619	96,103	118,783,326	213,478,580	452,492,072
Grand Totals, 1943....	27,652	6,317,166,727	1,241,068	1,987,292,384	4,690,493,083	8,732,860,999
Farm origin Group—						
From field crops.....	6,269	819,635,374	153,149	200,773,531	772,653,116	1,279,733,823
From animal husbandry..	4,030	396,598,536	122,188	156,367,820	829,649,713	1,114,301,420
Totals, Farm Origin.....	10,299	1,216,233,910	275,337	357,141,351	1,602,302,829	2,394,035,243
Canadian origin.....	9,468	940,503,127	216,663	277,316,138	1,341,198,884	1,954,615,390
Foreign origin.....	831	275,730,783	58,674	79,825,213	261,103,945	439,419,853
1944						
Farm origin.....	10,329		287,756	394,716,309	1,781,014,374	2,688,731,415
Mineral origin.....	4,479		634,542	1,208,779,764	2,258,796,792	4,708,104,244
Forest origin.....	10,347		186,680	278,171,969	495,531,476	1,082,160,284
Marine origin.....	535		9,664	10,327,695	45,906,542	68,882,879
Wild life origin.....	535		6,190	9,430,191	28,076,572	43,985,177
Mixed origin.....	2,258		98,050	128,195,442	223,007,600	481,828,520
Grand Totals, 1944....	28,483	1	1,222,882	2,029,621,370	4,832,333,356	9,073,692,519
Farm Origin Group—						
From field crops.....	6,307		164,514	226,751,705	888,435,918	1,477,008,962
From animal husbandry..	4,022		123,242	167,964,604	892,578,456	1,211,722,453
Totals, Farm Origin.....	10,329	1	287,756	394,716,309	1,781,014,374	2,688,731,415
Canadian origin.....	9,493		225,077	303,293,749	1,507,501,822	2,202,655,904
Foreign origin.....	836		62,679	91,422,560	273,512,552	486,075,511
1945						
Farm origin.....	10,346		296,224	416,822,843	1,801,780,401	2,761,024,764
Mineral origin.....	4,557		505,627	967,665,281	1,788,760,744	3,654,473,138
Forest origin.....	10,546		195,999	299,036,383	548,625,870	1,170,674,893
Marine origin.....	540		10,219	11,268,019	62,064,331	93,567,274
Wild life origin.....	591		7,199	11,303,522	36,280,969	54,773,683
Mixed origin.....	2,470		104,104	139,677,401	236,156,532	515,855,114
Grand Totals 1945....	29,050	1	1,119,372	1,845,773,449	4,473,668,847	8,250,368,866
Farm origin Group—						
From field crops.....	6,245		168,907	239,224,361	926,639,188	1,556,904,150
From animal husbandry..	4,101		127,317	177,598,482	875,141,213	1,204,120,614
Totals, Farm Origin...	10,346	1	296,224	416,822,843	1,801,780,401	2,761,024,764
Canadian origin.....	9,486		231,708	321,688,225	1,537,044,535	2,273,013,255
Foreign origin.....	860		64,516	95,134,618	264,735,866	488,011,509

¹Not collected since 1944.

Subsection 5.—Leading Manufacturing Industries

In the following statement, the rank of the ten leading industries in 1945, from the standpoint of gross value of production, is compared with their respective ranks in significant years since 1922.

THE TEN LEADING INDUSTRIES, 1945, COMPARED AS TO RANK, SIGNIFICANT YEARS 1922-44

NOTE.—Where a dash is given it indicates that the industry did not rank among the forty leading industries..

INDUSTRY	RANK IN							
	1945	1944	1943	1939	1937	1933	1929	1922
Slaughtering and meat packing.....	1	1	3	3	3	3	2	3
Pulp and paper.....	2	5	7	2	2	1	1	2
Non-ferrous metal smelting and refining.....	3	2	1	1	1	2	9	—
Aircraft.....	4	4	8	—	—	—	—	—
Sawmills.....	5	11	13	8	7	14	5	4
Electrical apparatus and supplies.....	6	8	9	9	8	16	8	17
Automobiles.....	7	7	6	5	4	11	4	6
Flour and feed mills.....	8	12	12	7	5	4	3	1
Butter and cheese.....	9	10	11	4	6	5	6	5
Shipbuilding.....	10	6	4	—	—	—	—	—

A prominent feature of Canadian manufacturing development in recent years has been the rapid growth of non-ferrous metal smelting. This industry, based upon the rich base metal resources of the country, has now taken its place among the leading manufactures along with the industries based upon forest, agricultural and live-stock resources. The incidence of the depression resulted in a rearrangement in the ranking of many industries; in some cases this has proved to be temporary. Under the impetus of war production, the industries engaged in producing the equipment needed by the Armed Forces, such as shipbuilding, aircraft, automobiles, miscellaneous chemical products, and primary iron and steel, advanced to higher positions. With the decline in the production of war equipment during 1945, the food industries, by reason of the continuing demand for their products bettered their position. Slaughtering and meat packing maintained its premier position while flour and feed mills advanced from twelfth to eighth place and butter and cheese from tenth to ninth place. Shipbuilding dropped from sixth to tenth place and non-ferrous metal smelting and refining from second to third place.

15.—Principal Statistics of the Forty Leading Industries of Canada, Ranked According to Gross Value of Products, 1944

NOTE.—Statistics of "Capital invested" not collected in 1944.

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Value of Products	
					Net	Gross
	No.	No.	\$	\$	\$	\$
1 Slaughtering and meat packing.....	153	23,867	38,697,789	458,484,382	81,738,368	543,034,100
2 Non-ferrous smelting and refin- ing.....	16	23,927	44,536,991	313,996,140	123,303,038	474,206,801
3 Miscellaneous chemical prod- ucts.....	228	50,437	82,008,829	227,608,024	198,043,420	431,494,036
4 Aircraft.....	45	79,572	161,055,010	137,734,065	286,653,701	426,981,558
5 Pulp and paper.....	104	37,896	75,833,408	157,995,141	174,492,103	369,846,086
6 Shipbuilding and repairs.....	94	67,076	138,967,246	101,056,440	224,632,290	329,299,643
7 Automobiles.....	5	22,499	53,879,982	234,578,288	87,185,302	324,090,755
8 Electrical apparatus and sup- plies.....	234	48,834	82,304,460	120,413,034	160,169,974	283,071,440

For footnotes, see end of table, p. 40.

**15.—Principal Statistics of the Forty Leading Industries of Canada, Ranked
According to Gross Value of Products, 1944—concluded**

	Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Value of Products	
						Net	Gross
		No.	No.	\$	\$	\$	\$
9	Iron and steel products, mis.....	170	36,963	75,076,875	126,539,119	126,852,257	256,407,290
10	Butter and cheese.....	2,282	18,622	25,358,470	168,490,247	45,836,735	218,143,356
11	Sawmills.....	5,506	43,516	51,516,085	118,167,020	96,528,955	216,556,623
12	Flour and feed mills.....	1,087	7,289	10,511,975	187,116,957	26,780,541	215,790,282
13	Primary iron and steel.....	64	30,763	60,837,031	92,214,866	103,018,391	212,509,681
14	Petroleum products.....	48	6,809	14,317,939	153,558,664	47,986,185	210,547,416
15	Rubber goods.....	56	21,421	35,978,717	82,187,888	82,813,307	169,511,036
16	Railway rolling-stock.....	37	29,911	61,355,214	78,432,377	85,513,150	167,806,607
17	Automobile supplies.....	104	20,366	38,671,730	84,155,653	73,868,168	160,195,390
18	Brass and copper products.....	162	17,633	33,490,354	72,460,196	74,656,771	149,851,354
19	Machinery.....	258	26,692	50,452,569	50,665,344	95,131,051	147,519,776
20	Clothing, men's factory.....	418	27,016	35,367,534	78,316,230	59,295,540	138,056,755
21	Clothing, women's factory.....	835	25,810	34,669,358	72,815,459	60,839,942	133,966,487
22	Bread and other bakery prod- ucts.....	2,917	27,530	35,164,136	59,824,616	61,474,839	125,261,098
23	Cotton yarn and cloth.....	41	21,900	27,865,543	66,948,167	46,599,735	116,707,311
24	Sheet metal products.....	194	16,852	27,140,973	57,624,118	51,027,176	109,928,858
25	Fruit and vegetable prepara- tions.....	458	15,368	16,411,988	63,223,982	42,302,840	107,335,254
26	Miscellaneous food industries....	269	6,885	8,893,913	68,580,203	28,293,696	97,434,861
27	Biscuits, confectionery, cocoa, etc.....	219	14,260	17,325,577	42,475,278	42,433,072	86,011,499
28	Hosiery and knitted goods.....	200	22,939	25,535,277	39,132,779	43,882,156	84,217,935
29	Breweries.....	61	7,125	14,188,533	18,021,526	63,118,812	82,491,793
30	Printing and publishing.....	766	18,328	31,621,654	17,455,960	63,588,253	81,950,271
31	Acids, alkalies and salts.....	37	7,964	15,752,782	29,540,390	42,801,806	81,323,151
32	Hardware, tools and cutlery....	242	16,359	29,790,676	20,610,853	56,847,740	78,860,180
33	Scientific and professional equip- ment.....	48	9,844	19,734,303	34,592,256	43,578,970	78,534,483
34	Boots and shoes, leather.....	228	18,638	22,636,194	42,657,644	33,247,109	76,297,886
35	Castings, iron.....	196	15,559	28,952,121	27,810,836	43,688,126	73,967,421
36	Tobacco, cigars and cigarettes..	69	10,587	13,105,796	36,864,416	34,303,711	71,442,389
37	Coke and gas products.....	34	4,747	8,940,613	37,809,253	25,287,651	69,575,715
38	Fish curing and packing.....	535	9,664	10,327,695	45,906,542	22,066,801	68,882,879
39	Feeds, stock and poultry.....	206	3,239	5,160,729	55,812,112	11,113,161	67,497,152
40	Sugar refineries.....	11	2,590	4,576,060	48,033,547	14,364,944	63,874,868
Totals, Forty Leading In- dustries.....		18,637	917,297	1,568,012,129	3,929,910,012	3,086,259,787	7,200,481,476
Totals, All Industries.....		28,483	1,222,882	2,029,621,370	4,832,333,356	4,015,776,010	9,073,692,519
Percentage of leading industries to all industries.....		65.4	75.0	77.2	81.3	76.8	79.3
Primary textiles ¹		613	77,816	96,743,445	194,509,683	174,820,999	378,075,214

¹On a broader classification basis, the primary textile industry, which includes the production of cottons, woollens, silk, hosiery and knitted goods, and the dyeing and finishing of textiles, ranks second in number of employees, third in salaries and wages paid and fifth in gross value of production.

**16.—Principal Statistics of the Forty Leading Industries of Canada, Ranked
According to Gross Value of Products, 1945**

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Value of Products	
	No.	No.	\$	\$	Net	Gross
					\$	\$
1 Slaughtering and meat packing.	152	23,215	40,009,888	427,168,114	74,765,206	504,849,523
2 Pulp and paper.	109	39,996	80,462,644	179,369,499	180,401,885	398,804,515
3 Non-ferrous smelting and refin- ing.	17	16,771	33,853,120	238,940,486	89,898,878	355,676,526
4 Aircraft.	38	37,812	84,230,503	115,093,267	161,746,606	278,652,880
5 Sawmills.	5,295	44,040	54,017,500	126,006,754	103,153,766	231,108,030
6 Electrical apparatus and supplies	247	44,129	76,468,795	92,041,030	135,919,899	230,531,874
7 Automobiles.	6	17,915	43,623,220	164,963,785	61,987,025	228,695,109
8 Flour and feed mills.	1,023	7,511	11,322,915	192,270,945	30,014,438	224,269,380
9 Butter and cheese.	2,241	19,435	26,864,454	171,011,216	49,110,376	224,174,572
10 Shipbuilding.	89	48,118	99,470,593	60,294,253	141,646,420	204,594,323
11 Petroleum.	46	6,775	13,891,310	151,153,429	41,423,861	201,683,679
12 Primary iron and steel.	63	29,378	57,862,489	86,417,375	89,859,343	192,279,159
13 Rubber goods.	55	23,490	39,111,477	78,500,892	98,836,225	181,413,226
14 Railway rolling stock.	37	30,515	61,793,939	84,264,315	92,804,283	181,249,842
15 Miscellaneous chemical products	232	29,214	50,197,271	83,754,688	89,660,775	177,661,547
16 Clothing, women's factory.	989	27,975	39,485,827	78,385,452	70,099,770	148,827,882
17 Iron and steel products, mis.	186	20,663	41,768,204	71,221,217	72,293,317	145,722,443
18 Clothing, men's factory.	453	27,423	36,933,900	78,554,206	60,928,679	139,920,218
19 Machinery.	267	26,285	46,982,376	44,817,319	91,624,455	138,192,090
20 Bread and other bakery prod- ucts.	2,860	29,045	38,328,474	62,829,434	65,580,825	132,518,212
21 Automobile supplies.	108	17,390	33,115,867	65,897,750	58,727,677	126,562,829
22 Cotton yarn and cloth.	41	21,646	28,020,333	66,528,980	45,126,175	114,682,802
23 Miscellaneous foods.	267	7,106	9,652,137	79,653,383	29,682,189	109,931,480
24 Sheet metal products.	196	17,121	27,736,555	58,242,909	46,632,971	106,257,719
25 Brass and copper products.	161	13,267	25,680,949	53,655,695	49,403,675	105,150,750
26 Fruit and vegetable prepara- tions.	470	14,440	16,117,172	59,712,161	37,958,248	99,371,391
27 Breweries.	60	7,593	15,323,200	20,493,465	71,952,408	93,872,904
28 Fish curing and packing.	540	10,219	11,268,019	62,064,331	30,529,102	93,567,274
29 Printing and publishing.	769	19,498	35,027,002	19,151,982	69,949,912	90,054,024
30 Hosiery and knitted goods.	216	23,654	26,640,343	40,423,407	66,368,918	88,035,002
31 Biscuits, confectionery, cocoa, etc.	231	13,952	17,428,577	41,715,991	41,773,487	84,627,083
32 Boots and shoes, leather.	263	20,096	24,668,874	45,685,629	38,419,106	84,523,621
33 Tobacco, cigars and cigarettes.	72	10,619	13,844,074	43,839,561	37,981,339	82,111,234
34 Castings, iron.	205	15,726	29,316,949	29,478,446	44,687,679	76,581,974
35 Scientific and professional equip- ment.	49	7,226	13,964,073	52,605,810	17,404,946	70,323,034
36 Feeds, stock and poultry.	222	3,486	5,563,756	57,914,289	11,703,901	70,250,739
37 Hardware and tools.	244	14,901	26,025,726	20,238,543	47,410,504	68,945,881
38 Coke and gas products.	34	4,757	9,013,108	37,746,482	24,213,270	68,483,305
39 Acids, alkalies and salts.	35	7,022	14,527,508	36,351,361	36,517,138	67,467,062
40 Printing and bookbinding.	1,331	16,847	25,279,944	23,702,464	39,520,894	63,881,768
Totals, Forty Leading Industries.	19,919	816,271	1,384,893,065	3,488,160,315	2,627,719,571	6,285,506,906
Totals, All Industries.	29,050	1,119,372	1,845,773,449	4,473,668,847	3,564,315,899	8,250,368,866
Percentage of leading industries to all industries.	68.6	72.8	75.0	78.0	73.4	7.62
Primary textiles ¹ .	653	80,250	101,217,751	198,995,381	182,169,756	389,785,064

¹ On a broader classification basis, the primary textile industry, which includes the production of cottons, woollens, silk, hosiery and knitted goods, and the dyeing and finishing of textiles, ranks first in number of employees, first in salaries and wages paid and third in gross value of production.

Section 4.—Principal Factors in Manufacturing Production

The subjects treated under this Section, in as much detail as limitations of space permit, include capital, employment, salaries and wages, size of establishments and power and fuel used in manufacturing.

Subsection 1.—Capital Employed

The remarkable increase in capital employed in Canadian manufactures from the beginning of the twentieth century has, of course, run parallel with the rapid growth in industrial operations. From 1900 to 1905 the capital increased from \$446,900,000 to \$833,900,000, and advanced to \$1,958,700,000 in 1915. During this period returns were received from establishments with 5 hands or over, and, while the rise in wholesale prices did not exceed 37 p.c., the capital employed in manufactures increased nearly 340 p.c.

The capital investment in 1943 in all establishments, irrespective of the number of employees, but exclusive of central electric stations, was \$6,317,000,000 as compared with \$2,334,000,000 in 1917, an increase of 171 p.c. while wholesale prices have declined about 13 p.c. in the same period.

Statistics on capital employed were discontinued in 1944.

17.—Percentage Distribution of Capital Employed in the Manufacturing Industries, by Provinces and Industrial Groups, Significant Years, 1917-43

Province or Group	1917	1920	1929	1933	1939	1941	1942	1943
	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
PROVINCE								
Prince Edward Island.....	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Nova Scotia.....	5.3	4.6	3.0	2.8	2.8	2.5	2.8	2.8
New Brunswick.....	2.6	3.5	2.3	2.7	2.5	2.0	1.9	1.8
Quebec.....	28.4	30.1	31.1	31.6	32.4	34.7	34.3	35.3
Ontario.....	49.6	50.1	49.6	48.4	48.3	47.6	48.0	47.4
Manitoba.....	3.6	3.2	3.0	3.1	3.3	3.3	3.2	2.8
Saskatchewan.....	1.0	0.8	1.1	1.2	1.0	1.0	0.8	0.9
Alberta.....	2.1	1.6	2.0	2.1	2.0	1.9	1.8	1.8
British Columbia and Yukon.....	7.3	6.0	7.8	8.0	7.6	6.9	7.1	7.1
Totals.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
INDUSTRIAL GROUP								
Vegetable products.....	12.0	13.7	14.5	15.9	14.8	12.9	12.0	10.8
Animal products.....	8.9	7.6	6.1	6.2	6.9	6.2	5.9	5.1
Textiles and textile products.....	8.2	10.4	9.0	9.1	9.5	9.0	8.4	7.2
Wood and paper products.....	23.0	26.5	28.8	27.2	26.4	22.1	19.7	17.5
Iron and its products.....	29.8	24.8	20.6	18.8	19.1	23.2	26.3	29.3
Non-ferrous metal products.....	3.0	3.7	7.5	8.1	9.5	11.1	11.2	10.7
Non-metallic mineral products.....	6.2	7.4	7.9	9.0	8.0	6.7	6.0	5.6
Chemicals and allied products.....	7.5	4.2	4.1	4.7	4.7	7.3	8.6	12.0
Miscellaneous industries.....	1.4	1.7	1.5	1.0	1.1	1.5	1.9	1.8

18.—Forms of Capital Employed in the Manufacturing Industries, by Provinces and Industrial Groups, 1943, with Totals for Significant Years, 1924-42

Year, Province or Group	Estab- lish- ments	Fixed Capital	Working Capital			Total Capital
		Land, Buildings, Fixtures, Machinery, Tools and Other Equipment	Inventory Value of Raw Materials, Stocks in Process, Fuel, and Mis- cellaneous Supplies on Hand	Inventory Value of Finished Products on Hand	Cash, Bills and Accounts Receivable, Prepaid Expenses, etc.	
	No.	\$	\$		\$	\$
Totals, 1924	20,709	1,717,122,081	658,360,445		519,834,982	2,895,317,508
Totals, 1926	21,301	1,905,620,436	707,413,136		595,037,625	3,208,071,197
Totals, 1929	22,216	2,356,913,335	867,689,319		780,289,355	4,004,892,009
Totals, 1932	23,102	2,218,729,234	597,939,060		563,897,215	3,380,475,509
Totals, 1933	23,780	2,151,091,557	573,587,617		554,580,664	3,279,259,838
Totals, 1934	24,209	2,109,729,523	598,110,478		541,508,863	3,249,348,864
Totals, 1935	24,034	2,080,221,792	610,814,942		525,366,393	3,216,403,127
Totals, 1936	24,202	2,061,610,260	651,771,457		557,881,814	3,271,263,531
Totals, 1937	24,834	2,126,929,809	757,322,293		580,975,729	3,465,227,831
Totals, 1938	25,200	2,149,402,173	739,226,808		597,054,037	3,485,683,018
Totals, 1939	24,805	2,168,887,084	784,543,558		693,593,897	3,647,024,449
Totals, 1940	25,513	2,266,087,512	992,988,598		836,640,726	4,095,716,836
Totals, 1941	26,293	2,523,213,656	929,051,356	378,103,962	1,075,128,992	4,905,503,966
Totals, 1942	27,862	2,740,826,451	1,092,063,176	404,306,102	1,251,589,816	5,488,785,545
PROVINCES, 1943						
Prince Edward Island.....	230	2,079,533	529,646	285,766	986,887	3,881,832
Nova Scotia.....	1,278	92,028,183	31,957,646	22,592,192	32,785,682	179,363,703
New Brunswick.....	862	60,286,741	18,375,637	5,740,960	26,884,572	111,287,910
Quebec.....	9,372	1,059,284,069	478,397,975	166,178,728	526,759,614	2,230,620,386
Ontario.....	10,587	1,381,616,267	674,091,828	232,683,256	706,562,637	2,994,953,988
Manitoba.....	1,245	94,296,011	27,185,310	22,564,358	29,706,828	173,752,507
Saskatchewan.....	976	30,041,247	10,377,381	7,319,282	12,936,183	60,674,093
Alberta.....	1,133	64,391,736	14,909,801	14,525,409	17,855,473	111,682,419
British Columbia.....	1,961	218,592,648	94,954,866	51,774,221	85,038,313	450,360,048
Yukon and Northwest Terri- tories.....	8	286,901	46,929	109,352	146,659	589,841
Totals, 1943	27,652	3,002,903,336	1,350,827,019	523,773,524	1,439,662,848	6,317,166,727
INDUSTRIAL GROUPS, 1943						
Vegetable products.....	5,913	282,619,237	147,178,142	91,891,156	162,603,768	684,292,303
Animal products.....	4,380	141,661,687	51,918,182	52,120,456	79,111,538	324,811,863
Textiles and textile products.....	2,384	190,613,728	113,098,355	25,036,301	126,307,645	455,056,029
Wood and paper products.....	9,974	707,656,824	138,239,069	35,482,901	222,605,422	1,103,984,216
Iron and its products.....	2,044	737,776,577	559,488,023	133,009,303	422,232,149	1,852,506,052
Non-ferrous metal products.....	597	353,314,896	129,588,556	28,360,562	163,538,388	674,802,402
Non-metallic mineral products.....	747	223,248,695	46,362,712	31,345,015	50,207,832	351,164,254
Chemicals and allied products.....	945	332,751,244	126,483,598	122,764,226	177,865,883	759,864,951
Miscellaneous industries.....	668	33,260,448	38,470,382	3,763,604	35,190,223	110,684,657

Statistics on capital employed were not collected since 1944.

Subsection 2.—Employment in Manufactures

Using a base and taking the percentages of the wage-earners and the total employees in each year, and dividing these percentages into the corresponding volumes of manufacturing production (see p. 16 for the index of volume), tentative
4930—4½

conclusions are arrived at regarding the efficiency of production per wage-earner and per employee. These indexes of the efficiency of production are, of course, affected by the changes in the method of computing the number of wage-earners adopted in 1925, and then again in 1931. Inasmuch as the change increased the apparent number of employees between 1925 and 1930, it proportionately decreased the index of the efficiency of production. Comparability exists, however, between the figures prior to 1925 and subsequent to 1930. Table 19 shows only the latter period. Unfortunately, the period covered is rather limited for the purpose in view, but it is suggested that the reader compare these data with the comparable figures for 1917-30 at p. 421 of the 1939 Canada Year Book. Up to the beginning of the Second World War the indexes may be considered as supplying satisfactory evidence of a general gain in volume of production per person employed. With the outbreak of war unemployed skilled workers were first absorbed into industry, with the result that the efficiency of production was slightly bettered. As the War progressed, however, manufacturers were forced more and more to employ unskilled workers. The decline in the efficiency of production during the war years may, therefore be attributed to this cause as well as to absenteeism for various causes.

19.—Salaried Employees and Wage-Earners in Manufacturing Industries, with Volume of Manufacturing Production and Comparative Efficiency of Production, 1931-45

(1935-39=100)

NOTE.—Figures, with qualifications as to comparability, for 1917 to 1930 are published at p. 421 of the 1939 Canada Year Book.

Year	Salaried Employees	Wage-Earners	Total Employees	Percentages Relative to 1935-39		Index Number of Volume of Mfd. Products	Indexes of Efficiency of Production	
				Of Wage-Earners	Of Total Employees		Per Wage-Earner	Per Employee
	No.	No.	No.	p.c.	p.c.			
1931.....	91,491	437,149	528,640	85.8	84.9	79.9	93.1	94.1
1932.....	87,050	381,783	468,833	74.9	75.3	67.6	90.3	89.8
1933.....	86,636	382,022	468,658	75.0	75.3	67.7	90.3	89.9
1934.....	92,095	427,717	519,812	83.9	83.5	79.6	94.9	95.3
1935.....	97,930	458,734	556,664	90.0	89.5	87.9	97.7	98.2
1936.....	104,417	489,942	594,359	96.1	95.5	96.2	100.1	100.7
1937.....	115,827	544,624	660,451	106.9	106.1	108.9	101.9	102.6
1938.....	120,589	521,427	642,016	102.3	103.2	106.8	98.5	97.7
1939.....	124,772	533,342	658,114	104.7	105.8	106.3	101.5	100.5
1940.....	135,760	626,484	762,244	122.9	122.5	125.2	101.9	102.2
1941.....	158,944	802,234	961,178	157.4	154.5	155.9	99.0	100.9
1942.....	177,187	974,904	1,152,091	191.3	185.1	179.9	94.0	97.2
1943.....	193,195	1,047,873	1,241,068	205.6	199.4	187.7	91.3	94.1
1944.....	192,558	1,030,324	1,222,882	202.2	196.5	180.8	89.4	92.0
1945.....	190,707	928,665	1,119,372	182.2	180.0	165.3	90.7	91.8

Monthly Record of Employment in Manufactures.—Ordinarily, manufacturing employment in Canada reaches its highest point during the summer months. Some of the seasonal industries, such as canning, are most active then, textile industries are preparing winter goods, and industry generally feels the active demand of the agricultural purchasing power resulting from the prospect of the season's harvest. After the setback of 1929, employment in 1930, 1931, 1932 and the first half of 1933 declined steadily, the monthly employment figures in each case being lower than the corresponding month of the previous year. The peak of employment in June, 1929, when 575,693 wage-earners were on the payrolls, was surpassed in September, 1937, with 582,305 wage-earners. With the outbreak of war the improvement in employment became increasingly rapid. A new high record was attained in August, 1943, when 1,067,890 wage-earners were employed,

an increase of 96.4 p.c. over the same month in 1939. The highest employment during 1944 was attained in June when 1,049,557 wage-earners were employed. From then on employment declined steadily to the end of 1945 when 819,619 wage-earners were reported. This compares with an employment of 961,820 wage-earners in December 1944 and 1,021,630 wage-earners in December 1943.

20.—Wage-Earners Employed in the Manufacturing Industries of Canada, by Months and Sex, Significant Years, 1922-44

Month	1922	1929	1933	1939	1942	1943	1944	1945
TOTAL WAGE-EARNERS								
January.....	324,257	502,644	340,027	490,337	892,366	1,023,261	1,026,066	976,768
February.....	336,729	519,423	347,777	496,160	914,395	1,030,878	1,024,951	979,604
March.....	349,110	536,866	355,888	503,475	930,043	1,036,648	1,024,820	976,531
April.....	360,248	555,711	358,759	509,739	946,291	1,033,748	1,022,100	974,254
May.....	382,504	574,905	377,659	530,864	967,551	983,058	1,032,946	977,472
June.....	393,935	575,693	392,196	531,245	985,796	1,058,645	1,049,557	970,001
July.....	391,186	573,554	393,464	529,575	997,670	1,056,975	1,047,811	949,792
August.....	389,511	567,022	402,249	543,605	1,011,341	1,067,890	1,048,686	918,271
September.....	392,423	564,796	410,954	562,355	1,014,030	1,066,595	1,029,965	874,373
October.....	385,262	553,338	405,757	568,564	1,005,830	1,053,486	1,011,340	856,767
November.....	378,992	527,213	396,384	563,117	1,009,262	1,049,738	998,940	848,057
December.....	367,724	499,893	380,612	544,817	992,880	1,021,630	961,820	819,619
MALE								
January.....	243,682	397,459	257,445	381,997	683,455	751,269	738,764	708,008
February.....	253,178	410,865	260,728	385,955	698,435	755,181	737,647	709,563
March.....	263,849	426,713	267,259	391,623	708,845	757,702	737,761	708,642
April.....	274,821	443,560	271,348	398,982	720,285	755,888	737,913	709,043
May.....	294,095	459,783	285,705	416,963	736,499	764,158	747,746	714,926
June.....	304,395	460,294	296,937	417,975	750,012	776,003	762,126	714,892
July.....	304,020	459,051	300,329	417,987	756,047	779,687	762,939	704,868
August.....	301,234	449,721	302,969	421,895	753,663	777,733	757,135	677,102
September.....	298,918	441,510	304,908	431,509	748,193	767,043	737,347	638,286
October.....	291,973	432,576	301,315	437,220	739,884	754,484	724,084	627,566
November.....	286,511	412,114	294,945	432,920	739,471	753,211	717,179	622,762
December.....	277,854	391,903	285,690	422,538	731,647	738,073	698,990	609,035
FEMALE								
January.....	80,575	105,185	82,582	108,340	208,911	271,992	287,302	268,760
February.....	83,551	108,558	87,049	110,205	215,960	275,697	287,304	270,041
March.....	85,261	110,153	88,629	111,852	221,198	278,946	287,059	267,889
April.....	85,427	112,142	87,411	110,757	226,006	277,860	284,187	265,211
May.....	88,409	115,122	91,954	113,901	231,052	218,900	285,200	262,546
June.....	89,540	115,399	95,259	113,270	235,784	282,642	287,431	255,109
July.....	87,166	114,503	93,135	111,588	241,623	277,288	284,872	244,924
August.....	88,277	117,301	99,280	121,710	257,678	290,157	291,551	241,169
September.....	93,505	123,286	106,046	130,846	265,837	299,552	292,618	236,087
October.....	93,289	120,762	104,442	131,344	265,946	299,002	287,256	229,201
November.....	92,481	115,099	101,439	130,197	269,791	296,527	281,761	225,295
December.....	89,870	107,990	94,922	122,279	261,233	283,557	262,830	210,584

Hours Worked by Wage-Earners.—From 1932, the first year for which figures on hours worked per week by wage-earners are available, to 1945, each firm was required to report the number of hours worked by all its wage-earners during the month in which the greatest number had been employed, the only exception being the years 1938 and 1939 when one week in a month of normal employment was reported. In 1938 the number of hours worked per week were compiled by sex, and a change was also made in the analysis of the weekly hours worked. Since 1940 the hours worked per week include overtime while prior to that overtime was excluded. These changes make it impossible to measure accurately the changes in the number of hours worked per week. In any case, the figures in Tables 21 to 24 do not refer to any particular month, since the month of highest employment might be May for one firm and October for another; they represent the summation of the different months of highest employment as reported by all firms. For a given industry, however, the month of highest employment is more significant as in this case it coincides for a great number of firms engaged in the same industry.

For all wage-earners, the hours worked per week declined from 48.9 in 1932 to 47.2 in 1939, and reached 50.6 in 1941, some of the increase no doubt being due to the inclusion of overtime. Since then there was a counter movement in the hours worked, especially among females, due to the employment of many workers on a part-time basis. Whereas in 1939 there were only 2.8 p.c. of male and 5.3 p.c. of female wage-earners working under 30 hours per week, in 1944 these percentages rose to 5.3 and 12.5 respectively. Since the end of the war the normal working week has been dropping steadily. In 1945 average hours per week for male wage-earners totalled 47.6 and for females 42.7. Female wage-earners worked on an average 4.9 hours less than their male co-workers.

21.—Wage-Earners in Manufacturing, Working Specified Numbers of Hours¹ per Week in the Month of Highest Employment, 1938-45

NOTE.—Hours worked per week in 1932-37 are given at p. 386 of the 1942 edition of the Canada Year Book; in 1940 at p. 392 of the 1943-44 edition.

Hours Worked per Week	1938	1939	1942	1943	1944	1945
TOTAL WAGE-EARNERS						
	No.	No.	No.	No.	No.	No.
30 or less.....	24,073	19,849	48,714	74,406	87,817	79,398
31-43.....	99,125	85,597	98,200	128,755	151,280	174,378
44.....	83,763	81,128	88,049	88,964	112,840	130,536
45-47.....	66,268	64,031	80,613	100,861	108,585	116,431
48.....	121,625	130,506	244,899	248,083	245,024	230,175
49-50.....	62,294	65,822	105,434	115,006	116,473	105,331
51-54.....	39,596	46,165	147,229	151,231	128,580	90,411
55.....	20,575	24,316	63,702	62,701	51,965	34,748
56-64.....	60,755	61,067	193,297	176,730	140,295	81,517
65 or over.....	8,755	8,478	73,590	60,665	46,046	33,571
Totals, Wage-Earners.....	586,829	586,959	1,143,727	1,208,002	1,188,905	1,076,496
Average Hours per Week.....	46.7	47.2	50.2	48.8	47.5	46.2

¹ See footnote on p. 47.

**21.—Wage-Earners in Manufacturing, Working Specified Numbers of Hours¹ per Week
in the Month of Highest Employment, 1938-45—concluded**

Hours Worked per Week	1938	1939	1942	1943	1944	1945
MALE						
	No.	No.	No.	No.	No.	No.
30 or less.....	15,439	12,868	30,166	39,985	45,414	41,111
31-43.....	75,842	64,780	59,146	68,530	83,293	100,446
44.....	59,983	57,667	58,342	53,563	76,141	89,623
45-47.....	47,877	45,703	47,403	62,701	67,306	75,391
48.....	97,287	103,636	182,783	185,913	182,798	175,116
49-50.....	45,981	48,378	70,870	75,975	80,878	77,019
51-54.....	33,744	37,439	106,657	114,739	100,621	72,781
55.....	16,493	19,766	48,996	49,194	42,214	28,910
56-64.....	56,171	56,837	171,775	158,657	128,751	74,043
65 and over.....	8,224	8,036	67,776	56,837	42,618	31,311
Totals, Male Wage-Earners.....	457,041	455,110	843,914	866,094	850,034	765,751
Average Hours per Week.....	47.3	48.1	51.3	50.4	49.1	47.6
FEMALE						
	No.	No.	No.	No.	No.	No.
30 or less.....	8,634	6,981	18,548	34,421	42,403	38,287
31-43.....	23,283	20,817	39,054	60,225	67,987	73,932
44.....	23,780	23,461	29,707	35,401	36,699	40,913
45-47.....	18,391	18,328	33,210	38,160	41,279	41,040
48.....	24,338	26,870	62,116	62,170	62,226	55,059
49-50.....	16,313	17,444	34,564	39,631	35,595	28,312
51-54.....	5,852	8,726	40,572	36,492	27,959	17,630
55.....	4,082	4,550	14,706	13,507	9,751	5,838
56-64.....	4,584	4,230	21,522	18,073	11,544	7,474
65 or over.....	531	442	5,814	3,828	3,428	2,260
Totals, Female Wage-Earners.....	129,788	131,849	299,813	341,908	338,871	310,745
Average Hours per Week.....	44.6	45.2	46.9	44.8	43.6	42.7

¹For 1938 and 1939, the hours worked do not include overtime, while for 1940 to 1945 overtime is included.

22.—Wage-Earners Working Specified Weekly Hours¹ in Month of Highest Employment, by Sex, Province and Industrial Group, 1945

Province or Industrial Group	Hours Worked per Week										Total Wage-Earners	Average Hours Worked per Week
	MALE											
	30 or Less	31-43	44	45-47	48	49-50	51-54	55	56-64	65 or Over		
Province	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
	24	33	26	18	297	81	107	14	92	54	746	50.6
	1,773	4,064	3,656	956	6,316	925	1,700	316	4,332	1,275	25,313	50.2
	669	1,606	1,936	631	1,688	1,497	1,699	243	2,098	1,602	13,669	49.7
	10,782	28,969	18,482	21,909	49,206	29,406	33,908	17,874	36,848	16,739	264,123	46.7
	22,070	46,205	34,225	42,964	96,725	40,102	29,878	9,360	25,555	9,945	357,029	46.1
	1,336	3,193	6,908	2,870	5,249	2,128	2,227	500	1,773	461	26,645	46.6
	562	833	1,427	524	2,774	1,009	743	207	639	164	7,007	46.0
	863	2,086	2,496	1,659	3,684	1,109	1,197	156	850	376	14,475	46.0
	3,032	13,456	21,048	3,570	10,489	996	1,818	241	1,880	695	56,693	43.4
—	1	—	2	35	1	4	—	6	—	—	49	49.6
Totals ²	41,111	100,446	89,623	75,391	175,116	77,019	72,781	28,910	74,013	31,311	765,751	47.6
Industrial Group												
	8,079	8,457	4,759	6,244	16,904	7,631	11,652	3,953	12,937	6,984	87,600	49.0
	2,833	7,166	2,957	6,750	6,232	5,712	5,127	2,086	2,535	546	46,154	46.1
	2,445	7,888	6,443	4,341	10,899	12,599	4,501	3,684	4,312	1,842	58,594	47.5
	7,101	14,580	13,371	11,831	22,068	9,411	10,435	6,692	13,941	5,397	114,827	47.9
	13,646	45,184	44,700	32,209	70,057	32,727	24,220	9,787	28,990	13,364	314,884	47.4
	2,264	6,694	6,814	6,347	24,136	4,262	4,772	933	4,452	1,042	61,736	47.1
	1,340	3,338	4,600	1,745	7,959	1,455	2,372	713	2,809	1,028	27,419	47.4
	2,510	5,364	3,616	3,271	14,175	2,071	8,303	649	3,401	1,172	44,532	47.4
	893	1,775	2,363	2,653	2,666	1,151	1,399	413	666	296	14,215	45.9

22.—Wage-Earners Working Specified Weekly Hours¹ in Month of Highest Employment, by Sex, Province and Industrial Group, 1945—con.

Province or Industrial Group	Hours Worked per Week										Total Wage-Earners	Average Worked per Week
	30 or Less	31-43	44	45-47	48	49-50	51-54	55	56-64	65 or Over		
FEMALE												
Province	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
Prince Edward Island.....	17	23	10	24	87	40	28	9	115	—	353	50.5
Nova Scotia.....	456	689	602	491	590	838	446	107	470	71	4,780	45.9
New Brunswick.....	419	789	245	386	862	649	197	38	174	42	3,801	44.1
Quebec.....	9,035	25,520	12,767	15,229	22,371	12,875	9,977	3,909	2,837	482	115,002	44.2
Ontario.....	24,729	37,992	19,202	21,186	26,527	12,853	5,904	1,549	3,231	1,309	154,482	41.6
Manitoba.....	861	2,538	3,066	1,150	1,492	565	577	85	115	13	10,462	42.6
Saskatchewan.....	202	268	300	311	527	100	58	10	34	3	1,813	43.4
Alberta.....	454	851	1,161	513	906	137	68	11	79	41	4,221	42.5
British Columbia.....	2,112	5,260	3,560	1,750	1,695	255	375	120	399	299	15,825	41.1
Yukon and Northwest Territories.....	2	2	—	—	2	—	—	—	—	—	6	36.7
Totals ²	38,287	73,932	40,913	41,040	55,059	28,312	17,630	5,838	7,474	2,260	310,745	42.7
Industrial Group												
Vegetable products.....	12,043	11,444	4,805	7,005	7,523	4,123	3,594	1,159	3,485	1,640	56,821	42.3
Animal products ³	2,557	6,004	2,674	4,212	2,505	2,275	1,310	597	314	43	22,401	42.4
Textiles and textile products.....	9,743	24,937	15,814	11,657	16,405	11,417	3,338	1,875	735	143	96,124	42.5
Wood and paper products ⁴	4,285	6,352	4,450	3,808	3,696	1,868	1,387	653	689	159	27,455	41.9
Iron and its products.....	3,414	9,650	4,140	5,453	5,466	5,466	2,271	804	1,490	165	42,649	44.1
Non-ferrous metal products.....	2,413	5,416	4,050	4,519	5,392	1,882	1,586	187	390	49	25,884	43.2
Non-metallic mineral products.....	300	426	426	396	1,340	212	136	32	43	1	3,745	43.4
Chemicals and allied products.....	2,284	7,069	2,595	2,076	7,333	611	3,682	349	236	23	26,258	43.3
Miscellaneous industries.....	1,248	2,201	1,959	1,914	1,001	458	326	182	92	37	9,418	41.7

23.—Male Wage-Earners in the Forty Leading Industries Working Specified Weekly Hours¹ in Month of Highest Employment, 1945

NOTE.—Industries ranked according to the annual number of male wage-earners employed.

Industry	Hours Worked per Week										Total Wage-earners	Average Hours Worked per Week
	30 or Less	31-43	44	45-47	48	49-50	51-54	55	56-64	65 or Over		
	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
1 Shipbuilding and repairs.....	3,174	10,487	15,667	4,751	5,579	4,401	2,535	711	6,020	4,708	58,033	46.9
2 Pulp and paper.....	1,737	3,431	13,978	1,416	12,528	1,941	3,968	703	6,563	3,282	36,547	50.5
3 Railway rolling-stock.....	1,546	3,826	13,440	2,685	5,652	1,665	1,304	418	1,156	581	31,273	45.6
4 Primary iron and steel.....	1,216	3,794	1,325	1,977	10,350	1,132	2,642	563	4,887	1,066	28,952	48.7
5 Aircraft and parts.....	1,280	8,223	2,570	2,825	12,581	4,933	1,612	226	2,137	1,498	37,905	46.4
6 Electrical apparatus and supplies.....	1,728	2,012	4,571	3,430	5,440	2,253	2,631	482	1,411	504	23,556	47.0
7 Machinery.....	773	2,019	2,031	1,961	3,373	3,698	3,289	1,398	2,071	915	21,421	49.0
8 Bread and other bakery products.....	872	667	603	1,007	3,373	1,990	4,006	1,178	2,783	241	18,326	50.0
9 Miscellaneous chemical products.....	1,347	2,363	1,451	1,648	8,467	1,094	7,301	422	1,505	523	26,821	47.8
10 Slaughtering and meat packing.....	1,553	3,290	732	3,084	2,199	2,000	3,062	812	1,421	285	18,498	46.1
11 Automobiles.....	808	2,972	1,194	2,938	9,255	568	1,787	112	518	43	19,195	45.4
12 Rubber goods, including footwear.....	951	3,115	569	1,537	2,872	1,940	1,573	386	1,518	241	14,702	46.3
13 Miscellaneous iron and steel products.....	1,112	3,456	1,358	2,052	4,998	2,285	1,665	554	3,159	1,269	21,908	48.3
14 Castings, iron.....	659	1,763	936	1,717	2,628	2,081	1,804	1,655	1,644	532	15,479	48.8
15 Non-ferrous smelting and refining.....	388	901	189	848	11,105	205	575	93	1,351	116	15,771	48.1
16 Automobile supplies.....	907	1,701	755	2,037	1,462	2,884	1,905	622	1,783	494	14,550	48.2
17 Furniture.....	725	1,557	1,512	4,099	1,145	1,375	820	2,144	337	167	13,881	46.5
18 Cotton yarn and cloth.....	198	224	44	148	3,501	6,645	328	307	1,335	227	12,271	49.4
19 Sheet metal products.....	813	1,731	1,482	1,635	2,200	2,269	1,372	388	1,135	468	13,493	47.2
20 Agriculture implements.....	291	749	295	2,404	4,647	805	1,310	413	1,034	104	11,672	47.9
21 Hardware, tools and cutlery.....	483	1,096	817	1,409	2,305	1,740	1,180	649	1,338	344	11,361	48.6
22 Boots and shoes, leather.....	535	1,579	839	2,023	1,620	1,928	1,928	654	2,414	57	10,820	46.1
23 Planing mills, sash and door factories.....	726	924	1,587	822	1,362	1,734	1,116	689	2,647	276	11,283	48.7
24 Brass and copper products.....	658	1,820	905	893	4,804	991	941	225	1,336	361	13,034	47.2
25 Printing and publishing.....	698	1,452	1,452	1,172	1,455	361	322	63	299	139	8,339	42.6
26 Printing and bookbinding.....	548	1,229	3,571	1,076	1,073	333	441	90	356	208	8,945	44.6
27 Clothing, men's factory.....	221	1,923	2,898	506	1,031	229	155	21	50	16	7,050	42.8
28 Hosiery and knitted goods.....	284	610	281	557	1,731	1,306	489	990	388	112	7,146	48.3
29 Fruit and vegetable preparations.....	3,716	1,494	360	572	433	703	1,042	507	2,955	3,587	15,369	49.2
30 Silk and artificial silk.....	271	609	193	329	856	1,341	1,227	528	1,163	289	6,785	50.5
31 Heating and cooking apparatus.....	362	901	283	767	1,328	1,225	503	475	478	275	6,607	47.6
32 Breweries.....	239	300	1,095	505	679	398	728	412	1,238	516	6,110	51.1
33 Bridge and structural steel.....	360	712	1,078	1,052	317	1,570	746	218	853	164	7,070	47.8
34 Acids, alkalies and salts.....	232	403	342	374	3,260	258	287	34	812	124	6,126	48.4
35 Petroleum products.....	154	1,011	2,840	163	163	94	189	29	212	190	5,654	44.7
36 Clothing, women's factory.....	404	2,167	1,552	456	672	169	137	10	71	5	5,643	41.2
37 Flour and feed mills.....	294	93	140	2,442	301	604	170	848	377	5	5,588	50.4
38 Machine shops.....	439	677	776	617	888	883	685	271	520	645	6,411	48.8
39 Biscuits, confectionery, cocoa, etc.....	491	393	233	689	820	680	649	171	494	171	4,749	47.4
40 Boxes, wooden.....	538	473	323	395	627	534	652	1,057	990	151	5,740	49.3
Totals, Forty Leading Industries ²	31,731	80,887	73,318	59,123	113,467	62,942	57,673	21,200	59,222	25,171	614,734	47.6
Totals, All Industries ³	41,111	100,446	89,623	75,391	175,116	77,019	72,781	28,910	74,043	31,311	765,751	47.6

¹ Includes overtime.² Figures are exclusive of those for "butter and cheese", fish curing and packing and "sawmill operations" which are among the leading industries. ³ Figures for these industries are not available.

24.—Female Wage-Earners in the Forty Leading Industries Working Specified Weekly Hours¹ in Month of Highest Employment, 1945

NOTE.—Industries ranked according to the annual number of female wage-earners employed.

Industry	Hours Worked per Week										Total Wage-earners	No.	Average Hours Worked per Week
	30 or Less	31-43	44	45-47	48	49-50	51-54	55	56-64	65 or Over			
No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
1 Clothing, men's factory.....	2,803	8,659	4,804	2,188	2,238	290	176	5	31	1	21,255	39.4	1
2 Clothing, women's factory.....	1,212	4,761	6,125	1,852	3,628	702	435	29	38	27	18,809	42.5	2
3 Hosiery and knitted goods.....	1,756	3,653	1,103	2,783	2,762	2,318	550	674	74	34	15,747	43.0	3
4 Electrical apparatus and supplies.....	1,414	3,299	3,096	3,446	2,260	1,341	1,361	101	202	18	16,448	43.4	4
5 Miscellaneous chemical products.....	1,430	4,302	3,917	1,215	6,627	469	3,459	331	128	9	18,887	46.7	5
6 Cotton yarn and cloth.....	624	4,588	69	3,368	3,044	4,571	1,457	259	12	—	9,082	46.7	6
7 Boots and shoes, leather.....	690	2,001	823	1,892	1,070	1,051	480	466	55	2	8,579	43.6	7
8 Bread and other bakery products.....	1,554	1,982	1,067	891	2,403	1,358	542	213	136	37	8,183	42.4	8
9 Biscuits, confectionery, cocoa, etc.....	1,878	1,902	735	1,616	1,003	835	234	111	75	8	8,197	40.4	9
10 Fruit and vegetable preparations.....	5,206	2,995	802	1,101	1,776	1,477	1,227	527	2,508	1,537	17,758	43.3	10
11 Tobacco, cigars and cigarettes.....	596	1,653	883	883	1,643	1,079	398	28	47	—	12,488	42.8	11
12 Aircraft and parts.....	442	3,295	785	961	4,099	2,210	375	58	168	17	6,198	44.6	12
13 Rubber goods, including footwear.....	996	1,744	330	915	834	386	345	70	231	17	5,073	42.6	13
14 Boxes and bags, paper.....	809	1,174	329	975	821	715	186	22	119	14	5,799	39.8	14
15 Printing and bookbinding.....	1,253	1,335	1,628	495	1,27	1,162	522	300	120	48	4,555	45.6	15
16 Silk and artificial silk goods.....	375	1,710	307	370	963	479	444	63	52	2	4,478	42.4	16
17 Slaughtering and meat packing.....	428	1,370	218	449	596	979	441	236	60	10	4,087	43.9	17
18 Woollen cloth.....	467	631	449	718	640	775	339	160	37	1	4,522	44.7	18
19 Sheet metal products.....	507	939	406	718	1,996	587	233	98	652	34	7,311	44.5	19
20 Miscellaneous iron and steel products.....	781	1,391	240	1,299	1,946	587	233	98	652	34	7,311	44.5	20
21 Medicinal and pharmaceutical preparations.....	366	1,500	1,015	480	218	46	90	7	22	5	3,749	40.3	21
22 Miscellaneous foods.....	1,011	989	659	712	443	53	249	11	71	7	4,185	39.5	22
23 Miscellaneous paper products.....	505	822	388	542	618	267	240	54	60	4	3,500	42.1	23
24 Hardware, tools and cutlery.....	354	642	319	673	464	625	192	75	190	24	3,558	44.4	24
25 Automobile supplies.....	455	1,181	317	493	309	397	451	98	251	—	3,952	43.1	25
26 Hats and caps.....	361	1,474	381	329	92	92	28	5	—	—	2,958	39.1	26
27 Miscellaneous leather goods.....	339	593	421	258	112	100	100	6	—	—	2,781	40.7	27
28 Clothing contractors, men's.....	201	571	714	286	545	71	54	74	8	—	2,524	42.7	28
29 Fur goods.....	244	691	382	108	233	179	198	41	178	15	2,449	43.0	29
30 Brass and copper products.....	193	637	280	362	129	85	78	4	119	1	3,304	44.8	30
31 Jewellery, electro-plated ware, etc.....	199	780	529	297	215	206	59	4	27	5	2,321	41.6	31
32 Printing and publishing.....	452	456	456	196	301	93	59	9	65	7	2,094	40.3	32
33 Scientific and professional equipment.....	138	410	573	720	231	135	140	43	27	3	2,440	43.9	33
34 Corsets.....	115	372	272	810	336	1	148	—	106	—	2,062	44.0	34
35 Woollen yarn.....	263	360	331	333	361	453	148	28	6	—	2,040	43.5	35
36 Gloves and mittens, leather.....	489	409	269	285	205	248	50	4	4	—	1,963	39.5	36
37 Furniture.....	213	475	113	687	113	68	46	70	8	18	1,968	42.2	37
38 Glass products.....	160	493	340	264	592	155	81	25	12	1	1,923	43.2	38
39 Machinery.....	188	374	247	164	492	184	349	46	44	—	2,088	44.6	39
40 Cotton textiles, miscellaneous.....	167	550	381	322	244	38	14	—	2	—	1,718	41.1	40
Totals, Forty Leading Industries ²	31,643	61,258	33,193	34,016	45,924	24,876	14,876	4,490	6,083	1,955	258,344	42.8	
Totals, All Industries.....	38,287	73,932	40,913	41,040	55,059	28,312	17,630	5,838	7,474	2,260	310,745	42.7	

¹ Includes overtime.² Figures are exclusive of those for "butter and cheese" and "fish curing and packing" which are among the leading industries. Figures for these industries are not available.

Subsection 3.—Salaries and Wages in Manufacturing Industries

In 1945 the 29,050 establishments covered employed 190,707 salaried employees and 928,665 wage-earners, a total of 1,119,372 persons. Out of every 1,000 persons employed in manufacturing 170 were classed as salary earners and 830 as wage-earners; the former earned 22.6 p.c. and the latter 77.4 p.c. of the total amount paid out as remuneration for services.

A notable feature during the past few years was the reduction in the disparity between average annual salaries and wages. Whereas in 1939 average annual wages were only 55.8 p.c. of average annual salaries, in 1943 the percentage rose to 75.8 and declined to 70.0 in 1945. This tendency towards equalization was, in part, due to the controls adopted by the Government which tended to stabilize salaries more so than wages. The increase in average wages was also influenced by the fact that large numbers of wage-earners were employed in the highly paid iron and steel industries and by the increase in number of hours worked, some of it at overtime pay.

Ontario has a larger proportion of females among its salaried employees than the other provinces. The same situation prevails in Quebec with regard to wage-earners, due, no doubt, to the textile industries of the Province. The importance of the textile industries in providing employment to females is strikingly illustrated by the fact that of all female wage-earners engaged in the manufacturing industries of Canada in 1945, 34.8 p.c. were found in the textile group. Normally the percentage is much higher. During the war large numbers of female wage-earners were employed in the aircraft and miscellaneous chemical industries. For this reason the percentage employed in the textile industries declined.

The average salary in 1945 amounted to \$2,191 which was \$445 or 25.5 p.c. higher than in 1939. Salaried employees in Ontario with \$2,273 received the highest salary. Quebec was second with \$2,190, British Columbia third with \$2,170 and Manitoba fourth with \$2,026. The fact that head offices of many large corporations are located in Montreal, Toronto, Winnipeg and Vancouver tends to raise the average salaries in the provinces in which these cities are located.

25.—Salaries and Wages Paid in Manufacturing Industries, by Provinces and Industrial Groups, 1945, with Totals for Significant Years, 1917-44

Year	Salaries				Wages			
	Salaried Employees		Total Salaries	Average Salaries	Wage-Earners		Total Wages	Average Wages
	Male	Female			Male	Female		
	No.	No.	\$	\$	No.	No.	\$	\$
1917.....	64,918		85,353,667	1,315	541,605		412,448,177	762
1920.....	78,334		141,837,361	1,811	520,559		575,656,515	1,106
1922.....	71,586		129,836,831	1,814	384,670		359,560,399	935
1924.....	54,379	15,641	130,344,822	1,857	322,719	94,871	404,122,853	968
1926 ¹	58,245	17,092	142,353,900	1,890	374,244	109,580	483,328,342	999
1929 ¹	67,731	21,110	175,553,710	1,976	454,768	122,922	601,737,507	1,042
1930 ¹	64,161	20,550	169,992,216	2,007	416,790	113,195	527,563,162	995
1931 ²	71,198	20,293	172,289,095	1,883	337,636	99,513	415,277,895	950
1932.....	68,264	18,786	151,355,790	1,739	288,817	92,966	322,245,926	844

¹The Averages of wage-earners and earnings for the years 1931 to 1945 are strictly comparable with those for the years up to 1925 but not with those for the intervening years. The figures for the latest years—as for the earliest—represent the earnings for complete man-years of work, with no allowance for periods of unemployment. The difference amounts only to about 3 or 4 p.c. in the total figures and affects chiefly the seasonal industries.

²The increase in the number of salaried employees in 1931 is due to the following changes in method: (1) Prior to 1931 working proprietors, such as bakers, sawmill operators, small clothing manufacturers, etc., were required to report themselves as wage-earners. In 1931 and subsequent years, however, all such proprietors reported themselves as salaried employees. (2) In 1931 travelling salesmen who were attached to the plant, and devoted all or the greater part of their time to selling the products of that plant, were included with salaried employees. Prior to this they were not reported at all.

25.—Salaries and Wages Paid in Manufacturing Industries, by Provinces and Industrial Groups, 1945, with Totals for Significant Years, 1917-44—concluded

Year	Salaries				Wages			
	Salaried Employees		Total Salaries	Average Salaries	Wage-Earners		Total Wages	Average Wages
	Male	Female			Male	Female		
	No.	No.	\$	\$	No.	No.	\$	\$
1933	67,875	18,761	139,317,946	1,608	287,266	94,756	296,929,878	777
1934	71,963	20,132	148,760,126	1,615	326,598	101,119	355,090,929	830
1935	76,213	21,717	160,455,080	1,638	353,790	104,944	399,012,697	870
1936	81,409	23,008	173,198,057	1,659	379,977	109,965	438,873,377	896
1937	91,092	24,735	195,983,475	1,692	427,285	117,339	525,743,562	965
1938	95,270	25,319	207,386,381	1,719	409,172	112,255	498,282,208	956
1939	98,165	26,607	217,839,334	1,746	415,488	117,854	519,971,819	975
1940	104,267	31,493	241,599,761	1,780	491,439	135,045	679,273,104	1,084
1941	117,251	41,693	286,336,861	1,801	626,825	175,409	978,525,782	1,220
1942	123,125	54,062	334,870,793	1,890	732,319	242,585	1,317,934,049	1,383
1943	128,679	64,516	388,857,505	2,013	762,854	285,019	1,598,434,879	1,525
1944	126,858	65,700	418,065,594	2,171	744,635	285,689	1,611,555,776	1,564
PROVINCES, 1945 ²								
Prince Edward Island	273	89	363,407	1,004	929	560	1,315,805	884
Nova Scotia	2,909	1,133	7,059,034	1,746	25,176	4,205	44,644,211	1,519
New Brunswick	2,330	895	6,142,204	1,905	15,458	3,820	26,265,844	1,362
Quebec	44,171	18,507	137,286,894	2,190	226,611	94,742	470,180,549	1,463
Ontario	60,389	33,898	214,287,890	2,273	304,570	119,199	668,195,497	1,577
Manitoba	4,588	1,910	13,166,228	2,026	23,267	8,602	46,647,881	1,464
Saskatchewan	1,946	794	4,344,729	1,586	7,216	1,661	12,560,877	1,415
Alberta	2,904	1,225	7,550,914	1,829	13,692	3,665	25,209,412	1,452
British Columbia	9,072	3,653	27,615,891	2,170	63,664	11,585	132,803,242	1,765
Yukon and Northwest Territories	19	2	40,428	1,925	37	6	86,512	2,012
Totals, 1945	128,601	62,106	417,857,619	2,191	680,620	248,045	1,427,915,830	1,538
INDUSTRIAL GROUP, 1945 ³								
Vegetable products	17,954	7,917	53,261,638	2,059	69,733	39,657	142,749,050	1,304
Animal products	12,637	5,247	33,456,720	1,871	55,734	24,649	104,948,543	1,306
Textiles and textile products	11,773	7,246	48,084,146	2,528	52,897	86,232	159,545,325	1,467
Wood and paper products	28,787	10,655	76,793,176	1,947	135,313	24,618	229,386,240	1,434
Iron and its products	30,590	16,154	109,849,265	2,348	248,276	26,699	527,486,725	1,918
Non-ferrous metal products	10,950	6,080	39,857,520	2,340	51,540	19,780	118,501,217	1,662
Non-metallic mineral products	3,964	1,539	12,603,916	2,290	23,851	3,171	44,589,763	1,650
Chemicals and allied products	8,388	5,243	31,375,553	2,302	31,569	15,523	74,642,432	1,585
Miscellaneous industries	3,558	2,025	12,575,685	2,252	11,657	7,716	26,066,535	1,345

²For statistics of annual earnings of wage-earners, by sex, see Table 28.

The average wage in 1945 amounted to \$1,538 which was \$563 or 57.7 p.c. higher than in 1939. The manufacturing industries of British Columbia paid the highest average wages of \$1,765 per annum, followed by Ontario with \$1,577, Nova Scotia \$1,519, Manitoba \$1,464, Quebec \$1,463, Alberta \$1,452, etc. The high figures shown for Yukon and the Northwest Territories in regard to average wages are due to the unusual conditions under which industry is carried on in these regions and are not representative. Statistics of the distribution of employees by provinces and groups as well as average annual earnings are given in Table 25, and for a subdivision of wage-earners by sex, see Table 28.

Average Annual Earnings in the Forty Leading Industries.—In only eleven industries did average salaries exceed \$2,500 in 1945; breweries, pulp and paper, automobiles, primary iron and steel, men's factory clothing, petroleum products, acids, alkalies and salts, brass and copper products, silk and artificial silk, women's factory clothing, and railway rolling-stock. In twenty-three they ranged between \$2,000 and \$2,500, in four they ranged between \$1,500 and \$2,000 and in

the remaining two they were below \$1,500. The lowest salaries were reported by the sawmilling, butter and cheese and bread industries, each of which includes a large proportion of small establishments.

The highest annual wages, those above \$1,900, were paid in ten industries, in all of which the proportion of skilled workers is high and the proportion of female workers is low. The automobile industry with \$2,365 was the highest in this group, followed by aircraft with \$2,211, bridge and structural steel \$2,062, shipbuilding \$2,046, railway rolling-stock \$1,986, acids, alkalies and salts \$1,946, miscellaneous iron and steel products \$1,943, non-ferrous metal smelting and refining \$1,928, petroleum products \$1,918, and primary iron and steel \$1,907. In twelve other industries average wages ranged between \$1,600 and \$1,900 in all of which the proportion of female workers is low. In fourteen other industries average wages ranged between \$1,100 and \$1,600, while in the remaining four they were below \$1,100. The latter group includes industries made up of a large number of small establishments and in which the proportion of female workers is high. Fruit and vegetable preparations, hosiery and knitted goods, biscuits, confectionery, cocoa, etc. and leather boots and shoes are the industries included in this group. Employment by sex and average annual earnings in the forty leading industries is given in Table 26, and the annual earnings by sex in Tables 29 and 30.

26.—Salaries and Wages Paid in the Forty Leading Industries, 1945, with Comparative Figures of Average Salaries and Wages Paid in 1944

NOTE.—Industries ranked according to the aggregate salaries and wages paid. For a subdivision of annual earnings of wage-earners, by sex, see Tables 29 and 30.

Industry	Salaries						Wages					
	Salaried Employees		Total Salaries	Average Salaries		Wage-Earners		Total Wages	Average Wages			
	Male	Fe-male		1945	1944	Male	Fe-male		1945	1944		
											No.	No.
1 Shipbuilding and repairs.....	2,673	1,157	8,848,958	2,310	2,301	43,019	1,269	90,621,635	2,046	2,055		
2 Aircraft.....	5,432	3,419	20,201,157	2,282	2,144	23,179	5,782	64,029,346	2,211	1,998		
3 Pulp and paper.....	4,360	1,621	16,766,154	2,803	2,846	32,867	1,148	63,696,490	1,873	1,858		
4 Electrical apparatus and supplies.....	6,151	3,835	22,665,855	2,270	2,253	21,074	13,069	53,802,940	1,576	1,548		
5 Railway rolling-stock.....	1,824	435	5,681,361	2,515	2,588	27,840	416	56,112,570	1,986	2,010		
6 Primary iron and steel	1,499	923	6,464,082	2,669	2,499	25,970	986	51,398,407	1,907	1,930		
7 Sawmills.....	6,897	560	7,182,144	963	950	35,623	960	46,835,356	1,280	1,233		
8 Mis. chemical products	2,407	1,393	8,815,220	2,320	2,205	16,110	9,304	41,382,051	1,628	1,556		
9 Machinery.....	3,632	1,928	11,898,163	2,140	2,242	19,152	1,573	35,084,213	1,693	1,803		
10 Automobiles.....	2,074	1,105	8,779,380	2,762	2,668	14,495	241	34,843,840	2,365	2,347		
11 Mis. iron and steel products.....	2,254	1,311	8,544,421	2,397	2,319	13,562	3,536	33,223,783	1,943	1,983		
12 Slaughtering and meat packing.....	2,993	1,400	9,328,341	2,123	2,126	14,728	4,094	30,681,547	1,630	1,514		
13 Clothing, women's factory.....	2,742	1,674	11,235,917	2,544	2,445	5,087	18,472	28,249,910	1,199	1,143		
14 Rubber goods, incl. rubber footwear.....	2,628	1,462	8,886,047	2,173	2,211	13,628	5,772	30,225,430	1,558	1,575		
15 Bread and other bakery products.....	3,457	1,294	7,351,376	1,547	1,477	16,868	7,426	30,977,098	1,275	1,239		
16 Clothing, men's factory	2,442	1,283	9,985,649	2,681	2,596	6,608	17,090	26,948,251	1,137	1,105		
17 Printing and publishing	5,938	3,389	17,687,080	1,896	1,797	8,248	1,923	17,339,922	1,705	1,657		
18 Non-ferrous metal smelting and refining	2,117	632	6,812,501	2,478	2,319	13,281	741	27,040,619	1,928	1,786		
19 Automobile supplies...	1,461	953	5,899,753	2,444	2,302	12,206	2,770	27,216,114	1,817	1,844		
20 Castings, iron.....	1,105	571	4,027,320	2,403	2,361	13,430	620	25,289,629	1,800	1,804		
21 Cotton yarn and cloth.	769	552	3,165,270	2,396	2,561	11,207	9,118	24,855,063	1,223	1,197		
22 Sheet metal products...	1,663	922	5,746,464	2,223	2,225	10,974	3,562	21,990,091	1,513	1,521		
23 Butter and cheese.....	3,939	1,664	7,171,748	1,280	1,295	12,311	1,521	19,692,706	1,424	1,387		

26.—Salaries and Wages Paid in the Forty Leading Industries, 1945, with Comparative Figures of Average Salaries and Wages Paid in 1944—concluded

Industry	Salaries					Wages				
	Salaried Employees		Total Salaries	Average Salaries		Wage-Earners		Total Wages	Average Wages	
	Male	Fe-male		1945	1944	Male	Fe-male		1945	1944
	No.	No.	\$	\$	\$	No.	No.	\$	\$	\$
24 Hosiery and knitted goods.....	1,264	995	5,196,938	2,301	2,414	6,462	14,933	21,443,405	1,002	983
25 Hardware, tools and cutlery.....	1,350	892	5,427,541	2,421	2,393	9,795	2,864	20,598,185	1,627	1,725
26 Brass and copper products.....	1,238	687	4,940,963	2,567	2,473	9,324	2,018	20,739,986	1,829	1,821
27 Printing and book-binding.....	2,960	1,283	8,616,479	2,031	1,960	7,874	4,730	16,663,465	1,322	1,286
28 Boots and shoes, leather.....	1,637	740	5,577,296	2,346	2,322	9,676	8,043	10,091,578	1,077	1,072
29 Agricultural implements.....	1,510	796	4,851,144	2,104	2,112	10,219	1,029	19,558,382	1,739	1,762
30 Furniture.....	1,613	580	4,543,720	2,072	2,145	11,817	1,719	17,346,039	1,281	1,284
31 Biscuits, confectionery, cocoa, etc.....	1,856	740	5,928,768	2,284	2,301	4,426	6,930	11,499,809	1,013	973
32 Silk and artificial silk.....	763	504	3,241,263	2,558	2,578	6,275	4,408	12,946,178	1,212	1,186
33 Fruit and vegetable preparations.....	1,335	702	3,697,146	1,815	1,865	6,391	6,012	12,420,026	1,001	960
34 Planing mills, sash and door factories.....	1,638	446	3,521,935	1,690	1,707	9,350	355	12,169,478	1,253	1,229
35 Breweries.....	1,175	349	4,472,739	2,935	2,813	5,515	554	10,850,461	1,787	1,760
36 Bridge and structural steel.....	1,088	360	3,517,754	2,429	2,824	5,470	139	11,569,376	2,062	2,111
37 Acids, alkalies and salts.....	919	375	3,380,476	2,612	2,493	5,446	282	11,147,032	1,946	1,864
38 Boxes and bags, paper.....	896	582	3,674,890	2,486	2,404	4,320	4,964	10,314,474	1,111	1,072
39 Scientific and professional equipment.....	1,313	809	4,864,848	2,293	2,244	3,234	1,870	9,099,225	1,783	1,923
40 Petroleum products.....	1,001	277	3,347,333	2,619	2,662	5,343	154	10,543,977	1,918	1,953
Totals, Forty Leading Industries.....	94,013	44,600	301,945,602	2,178	.....	532,404	172,397	1,129,538,087	1,603	.....
Grand Totals, All Industries.....	128,601	62,106	417,857,619	2,191	2,171	680,620	248,045	1,427,915,830	1,538	1,564

Average Annual, Weekly and Hourly Earnings.—In comparing earnings by provinces or groups, consideration should be given to the type of industries in each case since the distribution of industries has very definitely a regional significance. In some industries a labour force possessing deftness and speed or the ability to exercise muscular strength is necessary, in others the labour force must exercise craftsmanship or possess a high degree of technical knowledge. Workers in these latter industries naturally command relatively higher wages than those employed in industries whose employees are routine workers.

The ranking of provinces and industries as regards annual earnings is in many cases different to that of weekly or hourly earnings since the factors of number of weeks worked per year and number of hours worked per week enter into the picture. So that, while in general the same observations apply, a close study of the differences between the averages shown in Tables 25 and 26 will be of value to the student.

The figures given in Tables 27 to 30 are based on an analysis of a pay-list covering one week in the month of highest employment. For this reason the figures do not refer to any particular month, since the month of highest employment might be May for one firm and October for another; they represent the summation of the

different months of highest employment as reported by all the firms. For a particular industry, however, the month of highest employment is more significant as in such case it coincides for a great number of firms engaged in the same industry.

Average weekly earnings of male wage-earners for manufacturing as a whole amounted to \$35.04 in 1945, an increase of \$12.81 or 57.6 p.c. as compared with 1939. Average hourly earnings advanced from 46.2 cents in 1939 to 73.6 cents in 1945, an increase of 59.3 p.c. Annual earnings at \$1,739 were 61.6 p.c. higher.

Female wage-earners received on an average \$19.84 per week in 1945, an increase of \$7.06 or 55.2 p.c. as compared with 1939. Hourly earnings at 46.5 cents were 64.3 p.c. higher, while annual earnings at \$984 were 59.0 p.c. higher.

27.—Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners, 1934-45³

Year	Average Earnings			Hours Worked per week No.
	Annual	Weekly	Hourly	
	\$	\$	\$	
ALL WAGE-EARNERS				
1934.....	830	18-30	0-372	49-2
1935.....	870	18-50	0-380	48-7
1936.....	896	18-96	0-389	48-7
1937.....	965	2	2	48-8
1938.....	956	19-49	0-417	46-7
1939.....	975	20-14	0-427	47-2
1940.....	1,084	22-35	0-446	50-1
1941.....	1,220	24-95	0-494	50-5
1942.....	1,383	28-18	0-561	50-2
1943.....	1,525	29-87	0-612	48-8
1944.....	1,564	31-05	0-654	47-5
1945.....	1,538	30-98	0-669	46-3
MALE				
1934.....	930	20-31	0-407	49-9
1935.....	966	20-41	0-413	49-4
1936.....	995	20-92	0-423	49-4
1937.....	2	2	2	2
1938.....	1,055	21-49	0-454	47-3
1939.....	1,076	22-23	0-462	48-1
1940.....	1,202	24-83	0-488	50-9
1941.....	1,355	27-72	0-538	51-5
1942.....	1,558	31-75	0-619	51-3
1943.....	1,726	33-80	0-671	50-4
1944.....	1,761	34-95	0-712	49-1
1945.....	1,739	35-04	0-736	47-6
FEMALE				
1934.....	539	11-80	0-251	46-9
1935.....	570	12-04	0-259	46-5
1936.....	577	12-20	0-262	46-5
1937.....	2	2	2	2
1938.....	594	12-10	0-271	44-6
1939.....	619	12-78	0-283	45-2
1940.....	655	13-52	0-286	47-3
1941.....	736	15-05	0-316	47-6
1942.....	854	17-41	0-371	46-9
1943.....	987	19-33	0-431	44-8
1944.....	1,051	20-89	0-479	43-6
1945.....	984	19-84	0-465	42-7

¹ Estimated on the basis of hours worked by female wage-earners in 1938 and 1939 as compared with those worked by male wage-earners in those years. ² Not available.

³ Butter and cheese factories and fish curing and packing plants are excluded in the years 1938 to 1945, while sawmills are also excluded in 1945. By including sawmills, weekly earnings in 1945 would have been about \$34.35 for male wage-earners.

28.—Average Annual, Weekly and Hourly Earnings of Wage-Earners, Classified by Sex, Province and Industrial Group, 1945

Province or Industrial Group	Average Earnings			Hours Worked per Week
	Annual	Weekly	Hourly	
MALE				
	\$	\$	Cents	No.
Prince Edward Island.....	1,080	30.00	59.3	50.6
Nova Scotia.....	1,640	34.67	72.8	47.6
New Brunswick.....	1,515	31.67	63.1	50.2
Quebec.....	1,684	34.13	68.7	49.7
Ontario.....	1,790	36.02	77.1	46.7
Manitoba.....	1,667	32.88	71.3	46.1
Saskatchewan.....	1,526	32.36	69.4	46.6
Alberta.....	1,599	32.54	70.7	46.0
British Columbia.....	1,879	36.21	83.4	43.4
Yukon and Northwest Territories.....	2,110	48.96	98.7	49.6
Canada.....	1,739	35.04	73.6	47.6
Vegetable products.....	1,563	30.49	62.2	49.0
Animal products ¹	1,490	30.73	66.7	46.1
Textiles and textile products.....	1,519	30.25	63.7	47.5
Wood and paper products ²	1,547	32.34	67.5	47.9
Iron and its products.....	1,978	38.86	82.0	47.4
Non-ferrous metal products.....	1,841	36.64	77.8	47.1
Non-metallic mineral products.....	1,725	33.46	70.6	47.4
Chemicals and allied products.....	1,803	33.83	71.4	47.4
Miscellaneous industries.....	1,607	32.70	71.2	45.9
FEMALE				
Prince Edward Island.....	557	15.49	30.7	50.5
Nova Scotia.....	799	16.89	36.8	45.9
New Brunswick.....	744	15.54	35.2	44.1
Quebec.....	935	18.97	42.9	44.2
Ontario.....	1,024	20.61	49.5	41.6
Manitoba.....	914	18.03	42.3	42.6
Saskatchewan.....	934	19.81	45.6	43.4
Alberta.....	961	19.55	46.0	42.5
British Columbia.....	1,139	21.96	53.4	41.1
Yukon and Northwest Territories.....	—	—	—	—
Canada.....	984	19.84	46.5	42.7
Vegetable products.....	850	16.59	39.2	42.3
Animal products ¹	890	18.34	43.3	42.4
Textiles and textile products.....	919	18.32	43.1	42.5
Wood and paper products ²	815	17.03	40.6	41.9
Iron and its products.....	1,365	26.82	60.8	44.1
Non-ferrous metal products.....	1,193	23.76	55.0	43.2
Non-metallic mineral products.....	1,088	21.10	48.6	43.4
Chemicals and allied products.....	1,143	21.45	49.5	43.3
Miscellaneous industries.....	951	19.36	46.4	41.7

¹ Exclusive of "butter and cheese" and "fish curing and packing" plants.² Exclusive of sawmills.

29.—The Forty Industries Employing the Greatest Numbers of Male Wage-Earners, Ranked According to the Average Annual, Weekly and Hourly Earnings, 1945

Note.—For the rank of these industries as regards the annual employment of male wage-earners, see Table 23.

Industry	Average Weekly Earnings		Average Hourly Earnings		Average Annual Earnings		Average Hours Worked per Week
	Amount	Rank	Amount	Rank	Amount	Rank	
	\$		\$		\$		No.
1 Automobiles.....	48.53	1	1.069	1	2,385	1	45.4
2 Aircraft.....	44.13	2	.951	2	2,295	2	46.4
3 Bridge and structural steel.....	41.23	3	.862	6	2,078	3	47.8
4 Shipbuilding and repairs.....	39.54	4	.843	7	2,063	4	46.9
5 Railway rolling-stock.....	39.51	5	.866	5	1,996	6	45.6
6 Primary iron and steel.....	39.50	6	.811	13	1,930	11	48.7
7 Miscellaneous iron and steel products.....	39.20	7	.812	11	2,056	5	48.3
8 Automobile supplies.....	39.14	8	.812	12	1,945	9	48.2
9 Brass and copper products.....	38.50	9	.816	10	1,927	12	47.2
10 Clothing, women's factory.....	38.15	10	.926	3	1,918	13	41.2
11 Machine shops.....	37.88	11	.776	17	1,833	18	48.8
12 Non-ferrous metal smelting and refining.....	37.76	12	.785	14	1,953	8	48.1
13 Agricultural implements.....	37.49	13	.783	15	1,783	23	47.9
14 Printing and publishing.....	37.31	14	.876	4	1,913	14	42.6
15 Acids, alkalis and salts.....	37.16	15	.768	18	1,964	7	48.4
16 Pulp and paper.....	37.05	16	.734	24	1,892	15	50.5
17 Petroleum products.....	36.95	17	.827	8	1,934	10	44.7
18 Castings, iron.....	36.31	18	.744	21	1,828	19	48.8
19 Machinery.....	36.09	19	.737	23	1,743	26	49.0
20 Rubber goods, including rubber footwear.....	36.05	20	.779	16	1,802	22	46.3
21 Hardware, tools and cutlery.....	36.00	21	.741	22	1,809	20	48.6
22 Electrical apparatus and supplies.....	35.83	22	.762	19	1,803	21	47.0
23 Clothing, men's factory.....	35.12	23	.821	9	1,747	25	42.8
24 Breweries.....	34.64	24	.678	29	1,846	17	51.1
25 Miscellaneous chemical products.....	34.23	25	.716	25	1,851	16	47.8
26 Sheet metal products.....	33.65	26	.713	26	1,662	27	47.2
27 Printing and bookbinding.....	33.52	27	.752	20	1,661	28	44.6
28 Heating and cooking apparatus.....	32.97	28	.693	28	1,620	29	47.6
29 Slaughtering and meat packing.....	32.74	29	.710	27	1,765	24	46.1
30 Bread and other bakery products.....	29.65	30	.593	32	1,518	30	50.0
31 Silk and artificial silk.....	29.11	31	.576	34	1,428	34	50.5
32 Hosiery and knitted goods.....	28.98	32	.600	31	1,460	32	48.3
33 Flour and feed mills.....	28.46	33	.565	36	1,498	31	50.4
34 Furniture.....	28.08	34	.604	30	1,340	36	46.5
35 Boxes, wooden.....	27.43	35	.556	37	1,303	37	49.3
36 Boots and shoes, leather.....	27.17	36	.589	33	1,299	38	46.1
37 Cotton yarn and cloth.....	27.11	37	.549	38	1,432	33	49.4
38 Biscuits, confectionery, cocoa, etc.....	26.84	38	.566	35	1,410	35	47.4
39 Planing mills, sash and door factories.....	26.05	39	.535	39	1,270	39	48.7
40 Fruit and vegetable preparations.....	25.69	40	.522	40	1,214	40	49.2
Average, forty leading industries.....	35.92	—	.755	—	1,822	—	47.6
Average, all industries ¹	35.04	—	.736	—	1,739	—	47.6

¹ Exclusive of sawmills, butter and cheese and fish curing and packing.

30.—The Forty Industries Employing the Greatest Numbers of Female Wage-Earners, Ranked According to the Average Annual, Weekly and Hourly Earnings, 1945

NOTE.—For the rank of these industries as regards the annual employment of female wage-earners, see Table 24.

Industry	Average Weekly Earnings		Average Hourly Earnings		Average Annual Earnings		Average Hours Worked per Week
	Amount	Rank	Amount	Rank	Amount	Rank	
	\$		cents		\$		No.
1 Aircraft.....	36.02	1	80.8	1	1,873	1	44.6
2 Miscellaneous iron and steel products.....	28.76	2	64.6	2	1,509	2	44.5
3 Brass and copper products.....	27.47	3	61.3	3	1,376	3	44.8
4 Scientific and professional equipment.....	26.37	4	60.1	4	1,298	4	43.9
5 Automobile supplies.....	25.30	5	58.7	5	1,257	5	43.1
6 Electrical apparatus and supplies.....	24.05	6	55.4	6	1,210	7	43.4
7 Fur goods.....	23.57	7	54.8	7	1,091	10	43.0
8 Miscellaneous chemical products.....	22.98	8	51.6	8	1,242	6	44.5
9 Machinery.....	22.38	9	50.2	11	1,081	11	44.6
10 Sheet metal products.....	21.35	10	47.8	15	1,054	12	44.7
11 Slaughtering and meat packing.....	21.25	11	50.1	12	1,145	8	42.4
12 Glass products.....	21.18	12	49.0	13	1,095	9	43.2
13 Clothing contractors, men's.....	20.55	13	48.1	14	897	23	42.7
14 Hats and caps.....	20.18	14	51.6	9	930	18	39.1
15 Hardware, tools and cutlery.....	20.00	15	45.0	17	1,006	13	44.4
16 Clothing, women's factory.....	19.91	16	50.5	10	1,001	14	39.4
17 Rubber goods, including rubber footwear.....	19.63	17	47.1	16	982	15	41.7
18 Tobacco, cigars and cigarettes.....	19.00	18	44.4	18	941	17	42.8
19 Silk and artificial silk.....	18.42	19	40.4	24	904	20	45.6
20 Furniture.....	18.42	20	43.6	20	879	25	42.2
21 Cotton yarn and cloth.....	18.27	21	39.1	29	965	16	46.7
22 Miscellaneous cotton textiles.....	18.17	22	44.2	19	826	28	41.1
23 Jewellery and silverware.....	18.14	23	43.6	21	888	24	41.6
24 Clothing, men's factory.....	18.13	24	42.7	22	901	21	42.5
25 Woollen cloth.....	18.08	25	41.2	23	923	19	43.9
26 Boots and shoes, leather.....	16.95	26	38.9	31	811	30	43.6
27 Woollen yarns.....	16.85	27	38.8	32	853	27	43.4
28 Miscellaneous paper products.....	16.67	28	39.6	27	857	26	42.1
29 Fruit and vegetable preparations.....	16.41	29	37.9	35	776	33	43.3
30 Miscellaneous leather goods.....	16.39	30	40.3	25	773	34	40.7
31 Medicinal and pharmaceutical preparations.....	16.24	31	40.3	26	899	22	40.3
32 Boxes and bags, paper.....	16.20	32	38.0	34	810	31	42.6
33 Corsets.....	16.00	33	36.4	37	749	38	44.0
34 Hosiery and knitted goods.....	15.98	34	37.2	36	804	32	43.0
35 Printing and publishing.....	15.84	35	39.3	28	813	29	40.3
36 Printing and bookbinding.....	15.54	36	39.0	30	771	35	39.8
37 Gloves and mittens, leather.....	15.20	37	38.5	33	713	40	39.5
38 Biscuits, confectionery, cocoa, etc.....	14.44	38	35.7	39	759	36	40.4
39 Miscellaneous food.....	14.13	39	35.8	38	755	37	39.5
40 Bread and other bakery products.....	14.11	40	33.3	40	723	39	42.4
Average, forty leading industries.....	19.79	—	46.2	—	1,001	—	42.8
Average, all industries¹.....	19.84	—	46.5	—	984	—	42.7

¹ Exclusive of sawmills, butter and cheese and fish curing and packing.

Real Earnings of Employees in Recent Years.—When the index number representing the average yearly wages is divided by the index number of the cost of living, on the same base, a measure of "real" wages is obtained. Index numbers for 1931 to 1945 are given in Table 31. In 1933, the height of the depression, real wages were 88.3 on the 1935-39 base. From then on they rose steadily and stood at 141.1 in 1944, an increase of about 60 p.c. In 1945 real wages dropped to 138.1.

31.—Average Yearly Earnings, and Index Numbers of Earnings, Cost of Living and Real Wages of Wage-Earners, in Manufacturing Industries, 1931-45

NOTE.—Figures on the 1917 base, with qualifications as to comparability, for 1917 to 1930 are published at p. 421 of the 1939 Canada Year Book.

Year	Wages Paid	Average Wage-Earners	Average Yearly Earnings	Index Numbers (1935-39=100)		
				Average Yearly Earnings	Cost of Living	Real Value of Average Yearly Earnings
	\$	No.	\$			
1931.....	415,277,895	437,149	950	101.9	109.1	93.4
1932.....	322,245,926	381,783	844	90.6	99.0	91.5
1933.....	296,929,878	382,022	777	83.4	94.4	88.3
1934.....	355,090,929	427,717	830	89.1	95.7	93.1
1935.....	399,012,697	458,734	870	93.3	96.2	97.0
1936.....	438,873,377	489,942	896	96.1	98.1	98.0
1937.....	525,743,562	544,624	965	103.5	101.2	102.3
1938.....	498,282,208	521,427	956	102.6	102.2	100.4
1939.....	519,971,819	533,342	975	104.6	101.5	103.1
1940.....	679,273,104	626,484	1,084	116.3	105.6	110.1
1941.....	978,525,782	802,234	1,220	130.9	111.7	117.2
1942.....	1,347,934,049	974,904	1,383	148.4	117.0	126.8
1943.....	1,598,434,879	1,047,873	1,525	163.6	118.4	138.2
1944.....	1,611,555,776	1,030,324	1,564	167.8	118.9	141.1
1945.....	1,427,915,830	928,665	1,538	165.0	119.5	138.1

Percentages of Salaries and Wages to Net Value of Products.—Table 32 shows the relation between salaries and wages paid by manufacturers and the total net value of production. Figures of gross production are often used in such calculations, but the values out of which the wages of employees must come in the long run are the values added to the raw materials while they are in the factory. Such added values constitute the real production of the manufacturing plant and are alone available for payment of salaries and wages, interest, rent, taxes, repairs, and all other overhead charges that ordinarily must be met. The percentage declined steadily with the increasing manufacturing production from 1924 to 1929, while from 1931 to 1935 and again in 1938 and 1939, due to decreased industrial activity, the percentage of salaries to value added was above normal. It should be borne in mind, however, that salaried employees increased 172 p.c. during the period 1924-45 while wage-earners increased 122 p.c. The percentage of wages has fluctuated much less than that of salaries. The number of wage-earning employees may be more rapidly adjusted to the activity of the industry and wage levels likewise may be more readily adjusted to the price levels of the products. Of the increase in the net value of production since 1939 amounting to \$2,033,263,998 \$1,107,962,296 or 54.5 p.c. was passed along in increased salaries and wages.

32.—Percentages of Salaries and Wages Paid to the Total Net Values of Manufacturing Production, 1924-45

Year	Value Added by Processes of Manufacture ¹	Salaries Paid	Wages Paid	Percentages—		
				of Salaries to Value Added	of Wages to Value Added	of Total Salaries and Wages to Value Added
	\$	\$	\$	p.c.	p.c.	p.c.
1924.....	1,075,458,459	130,344,822	404,122,853	12.1	37.6	49.7
1925.....	1,167,936,726	133,409,498	436,534,944	11.4	37.4	48.8
1926.....	1,305,168,549	142,353,900	483,328,342	10.9	37.0	47.9
1927.....	1,427,649,292	151,419,411	511,285,921	10.6	35.8	46.4
1928.....	1,597,887,676	162,903,007	558,568,627	10.2	35.0	45.2
1929.....	1,755,386,937	175,553,710	601,737,507	10.0	34.3	44.3
1930.....	1,522,737,125	169,992,216	527,563,162	11.2	34.6	45.8
1931.....	1,252,017,248	172,289,095	415,277,895	13.8	33.2	47.0
1932.....	955,960,724	151,355,790	322,245,926	15.8	33.7	49.5
1933.....	919,671,181	139,317,946	296,929,878	15.1	32.3	47.4
1934.....	1,087,301,742	148,760,126	355,090,929	13.7	32.7	46.4
1935.....	1,153,485,104	160,455,080	399,012,697	13.9	34.6	48.5
1936.....	1,289,592,672	173,198,057	438,873,377	13.4	34.0	47.4
1937.....	1,508,924,867	195,983,475	525,743,562	13.0	34.8	47.8
1938.....	1,428,286,778	207,386,381	498,282,208	14.5	34.9	49.4
1939.....	1,531,051,901	217,839,334	519,971,819	14.2	34.0	48.2
1940.....	1,942,471,238	241,599,761	679,273,104	12.0	35.0	47.0
1941.....	2,605,119,788	286,336,861	978,525,782	11.0	37.6	48.6
1942.....	3,309,973,758	334,870,793	1,347,934,049	10.1	40.7	50.8
1943.....	3,816,413,541	388,857,505	1,598,434,879	10.2	42.0	52.2
1944.....	4,015,776,010	418,065,594	1,611,555,776	10.4	40.2	50.6
1945.....	3,564,315,899	417,857,619	1,427,915,830	11.7	40.1	51.8

¹ Equivalent to "net value of products"; see footnote 1, Table 1, p. 7.

Subsection 4.—Size of Manufacturing Establishments

The size of the manufacturing establishment is generally measured either by the value of product, or by the number of employees, but each of these methods has its limitations. The latter takes no account of the differences in capital equipment at different times or in various industries and obviously the increased use of machinery, as in the flour-milling industry, may lead to an increase in production concurrently with a decrease in the number of employees. The former measure has to be adjusted for changes in the price level; and, as between industries, it makes those in which the cost of raw materials is relatively high, appear to operate on a larger scale.

Size as Measured by Gross Value of Products.—While in 1922 the 420 establishments each producing over \$1,000,000 had an aggregate value of products of \$1,268,056,129 or 51 p.c. of the total production of all manufacturing industries, the 719 establishments producing over \$1,000,000 each in 1929 had an aggregate value of products of \$2,516,064,954, or 62 p.c. of the grand total for all manufacturing establishments—a very significant change in the short period of eight years. In 1931, however, the number of plants with a production of over \$1,000,000 dropped again to 482, their output being valued at \$1,451,658,954, or 53 p.c. of the total. With the increased production resulting from war needs, the number of plants with a production of \$1,000,000 or over jumped to 1,376 in 1944 and their output was

about 75 p.c. of the total value of manufactures. With the end of the war and the consequent decline in production of the huge war plants the number of establishments with a production of \$1,000,000 or over, although increasing to 1,384 in 1945, nevertheless saw a decline in the proportion of their output to 71 p.c. of the total.

33.—Manufacturing Establishments, Grouped According to Gross Value of Products, with Totals and Average Values of Products in each Class, for Canada, 1929, 1939, 1944 and 1945

Group of Gross Values	1929 ¹			1939 ²		
	Estab-lishments	Total Production	Average per Estab-lishment	Estab-lishments	Total Production	Average per Estab-lishment
	No.	\$	\$	No.	\$	\$
Under \$25,000.....	14,024	106,735,470	7,611	15,623	120,903,054	7,738
\$ 25,000 but under \$ 50,000....	2,802	99,529,725	35,521	2,803	99,558,383	35,519
50,000 " 100,000....	2,209	156,308,744	70,760	2,215	156,410,769	70,614
100,000 " 200,000....	1,688	237,532,492	140,718	1,584	225,582,130	142,413
200,000 " 500,000....	1,519	504,218,217	331,941	1,285	390,626,844	303,990
500,000 " 1,000,000....	636	443,597,677	697,481	689	466,441,130	676,983
1,000,000 " 5,000,000....	601	1,217,866,089	2,026,400	520	1,091,293,939	2,098,642
5,000,000 and over.....	118	1,298,198,865	11,001,685	81	923,724,311	11,404,004
Totals and Averages.....	23,597	4,063,987,279	172,225	24,800	3,474,540,560	140,102
	1944			1945		
	Estab-lishments	Total Production	Average per Estab-lishment	Estab-lishments	Total Production	Average per Estab-lishment
	No.	\$	\$	No.	\$	\$
Under \$25,000.....	13,942	128,782,147	9,237	13,715	128,803,172	9,392
\$ 25,000 but under \$ 50,000....	4,011	143,023,914	35,658	4,220	151,887,857	35,992
50,000 " 100,000....	3,442	245,273,500	71,259	3,611	257,256,629	71,242
100,000 " 200,000....	2,513	355,235,489	141,359	2,741	386,049,931	140,843
200,000 " 500,000....	2,256	714,546,348	316,731	2,363	742,817,414	314,354
500,000 " 1,000,000....	943	661,670,696	701,666	1,016	709,212,751	698,044
1,000,000 " 5,000,000....	1,089	2,294,546,053	2,107,021	1,118	2,310,055,058	2,066,239
5,000,000 and over.....	287	4,530,614,372	15,786,113	266	3,564,286,054	13,399,572
Totals and Averages.....	28,483	9,073,692,519	318,565	29,050	8,250,368,866	284,006

¹ Includes central electric stations and dyeing, cleaning and laundry establishments. of Yukon and the Northwest Territories.

² Exclusive

Size as Measured by Number of Employees.—In 1923, establishments employing 501 hands or over accounted for 21.4 p.c. of the total number of employees engaged in manufacturing. By 1929 the proportion had increased to 27.3 p.c. of the total, thereby showing the increasing concentration of production into larger units. This tendency, however, was checked by the depression, the percentage having dropped in 1933 to 20.5 p.c. (central electric stations included). With the recovery in production since 1933 the percentage has risen again, and in 1939 stood at 25.6. The same also holds true for establishments employing 101 hands or over. In 1923 they employed 58.6 p.c. of the total, in 1929, 61.9 p.c., in 1933, 55.7 p.c., in 1939, 61.5 p.c.

The impact of the War on the concentration of war industries into large units is illustrated by the increase in the number of establishments employing 500 hands or over. In 1939 such establishments numbered 172 and employed 25.6 p.c. of the

total number of employees engaged in manufacturing. By 1944 the number had increased to 383 and the percentage of total employees to 47.0. In a further subdivision of this group in 1944 it was found that 226 establishments employed between 500 and 999 persons, 56 between 1,000 and 1,499, and 101 employed over 1,500. All told there were twelve plants employing over 7,000 persons. The largest one had an employment of a little over 13,000 with the next three largest employing between 9,000 and 10,000. Three other plants employed between 8,000 and 9,000 persons while the lowest five plants in this group employed between 7,000 and 8,000 workers.

In 1945 the size of establishment declined. The largest ones, viz. those employing 1,500 and over numbered only 80 as compared with 100 in 1944. Also the largest manufacturing plant in Canada which employed over 13,000 persons in 1944 employed only a little over 9,000 employees in 1945. The second largest establishment had 7,000 employees, while the other plants of this group ranged as follows:

5,000 to 6,000 employees.....	5 establishments
4,000 to 5,000 employees.....	6 establishments
3,000 to 4,000 employees.....	15 establishments
1,500 to 3,000 employees.....	52 establishments

Total..... 80 establishments

34.—Manufacturing Establishments, Classified by Number of Employees, by Provinces, 1945

Province	Up to 500	500 to 799	800 to 999	1,000 to 1,499	1,500 and over	Total
Prince Edward Island.....	234	Nil	Nil	Nil	Nil	234
Nova Scotia.....	1,285	9	1	Nil	2	1,297
New Brunswick.....	882	3	2	1	1	889
Quebec.....	9,912	57	19	20	30	10,038
Ontario.....	10,694	84	24	31	36	10,869
Manitoba.....	1,294	1	Nil	4	3	1,302
Saskatchewan.....	923	3	Nil	Nil	Nil	926
Alberta.....	1,151	5	1	Nil	Nil	1,157
British Columbia.....	2,307	7	2	2	8	2,326
Yukon and Northwest Territories.....	12	Nil	Nil	Nil	Nil	12
Canada.....	28,694	169	49	58	80	29,050

35.—Establishments and Employees in Canadian Manufactures, Grouped According to Number of Employees per Establishment, 1929, 1939, 1944 and 1945

Group	1929 ¹			1939 ²		
	Estab- lishments	Employees	Average per Estab- lishment	Estab- lishments	Employees	Average per Estab- lishment
	No.	No.	No.	No.	No.	No.
Under 5 employees.....	12,273	30,446	2.5	13,002	28,020	2.2
5 to 20 employees.....	6,160	62,310	10.1	6,985	68,151	9.8
21 " 50 ".....	2,531	81,846	32.3	2,330	75,324	32.3
51 " 100 ".....	1,262	90,238	71.5	1,158	81,646	70.5
101 " 200 ".....	745	103,944	139.5	695	97,063	139.7
201 " 500 ".....	444	136,397	307.2	458	139,687	305.0
501 and over.....	182	189,253	1,040.0	172	168,168	977.7
Totals and Averages..	23,597	694,434	29.4	24,800	658,059	26.5
	1944			1945		
	No.	No.	No.	No.	No.	No.
Under 5 employees.....	13,208	29,958	2.3	12,959	30,052	2.3
5 to 14 employees.....	7,111	58,404	8.2	7,483	61,995	8.3
15 " 49 ".....	4,615	124,408	27.0	4,972	133,801	26.9
50 " 99 ".....	1,622	113,869	70.2	1,666	116,422	69.9
100 " 199 ".....	900	126,192	140.2	982	136,961	139.5
200 " 499 ".....	644	196,707	305.4	632	193,122	305.6
500 and over.....	383	573,344	1,497.0	356	447,019	1,255.2
Totals and Averages..	28,483	1,222,882	42.9	29,050	1,119,372	38.5

¹ Includes central electric stations, dyeing, cleaning and laundry establishments.

² Exclusive of Yukon and the Northwest Territories.

Size of Establishment in Leading Industries.—Table 36 summarizes the degree of concentration in some of the leading industries of Canada. Concentration is extremely marked in the case of automobiles, railway rolling-stock, aircraft, cotton yarn and cloth, shipbuilding and repairs, miscellaneous chemical products, non-ferrous metal smelting and refining, and pulp and paper; whereas in the case of bread and other bakery products, women's factory clothing, butter and cheese, and sawmills, the degree of concentration is low. This concentration is analysed in detail for each of the twenty-five leading industries in the tables following.

36.—Percentage Importance of Establishments, each Employing 200 or more Persons in the Twenty-Five Leading Industries, 1945

Industry	Number of Such Estab- lish- ments	Percentage of Total Number in the Industry	Percentage of Total Production in the Industry
1 Slaughtering and meat packing.....	28	18.4	77.3
2 Pulp and paper.....	55	50.5	90.5
3 Non-ferrous smelting and refining.....	13	76.5	97.4
4 Aircraft.....	20	52.6	98.7
5 Sawmills.....	22	0.4	22.8
6 Electrical apparatus and supplies.....	43	17.4	77.8
7 Automobiles.....	4	66.7	99.5
8 Flour and feed mills.....	8	0.8	42.1
9 Butter and cheese.....	12	0.5	13.7
10 Shipbuilding and repairs.....	29	32.6	93.5
11 Petroleum products.....	9	19.6	66.3
12 Primary iron and steel.....	33	52.4	91.1
13 Rubber goods.....	20	36.4	95.5
14 Railway rolling stock.....	23	62.2	96.9
15 Miscellaneous chemical products.....	15	6.4	75.6
16 Clothing, women's factory.....	8	0.8	7.3
17 Iron and steel products, mis.....	25	13.4	86.8
18 Clothing, men's factory.....	31	6.8	39.8
19 Machinery.....	33	12.4	61.1
20 Bread and other bakery products.....	20	0.7	25.7
21 Automobile supplies.....	23	21.3	77.5
22 Cotton yarn and cloth.....	26	63.4	94.9
23 Miscellaneous foods.....	7	2.6	28.8
24 Sheet metal products.....	25	12.8	68.8
25 Brass and copper products.....	16	9.9	60.7

37.—Principal Statistics of the Twenty-Five Leading Industries of Canada, Grouped According to Number of Employees per Establishment, 1945

NOTE. For principal statistics in the manufacturing industries in each province by size of establishments, see Table 3 of Part II, p. 77

Group and Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1. Slaughtering and Meat Packing—						
Under 5 employees.....	25	56	63,902	10,683	1,357,637	1,495,818
5 to 14 employees.....	31	261	390,487	44,200	5,785,837	6,560,751
15 " 49 ".....	40	1,047	1,542,782	144,955	21,019,588	25,433,359
50 " 99 ".....	17	1,211	2,082,261	205,402	36,710,132	42,132,345
100 " 199 ".....	11	1,564	2,604,943	234,996	34,263,922	39,054,635
200 " 499 ".....	13	4,098	6,799,095	525,558	69,415,346	80,338,329
500 and over.....	15	14,978	26,526,418	1,750,409	258,615,652	309,834,286
Totals.....	152	23,215	40,009,888	2,916,203	427,168,114	504,849,523
2. Pulp and Paper—						
Under 5 employees.....	1	65	203,883	11,936	48,215	164,820
5 to 14 employees.....	2					
15 " 49 ".....	15	844	1,894,168	264,537	2,119,171	4,294,706
50 " 99 ".....	17	1,539	3,201,884	875,090	4,683,112	8,978,202
100 " 199 ".....	19	3,378	6,598,685	2,099,959	12,818,254	24,547,503
200 " 499 ".....	23	8,049	15,905,866	8,541,561	35,266,194	80,315,329
500 and over.....	32	26,121	52,658,158	27,240,048	124,434,553	280,503,752
Totals.....	109	39,996	80,462,644	39,033,131	179,369,499	398,804,515
3. Non-Ferrous Smelting and Refining—						
50 to 99 employees.....	3	419	699,428	281,957	7,102,387	9,206,699
100 to 199 ".....	1					
200 to 499 ".....	5	2,129	4,350,365	3,629,119	75,194,061	92,627,125
500 and over.....	8	14,223	28,803,327	22,926,086	156,644,038	253,842,702
Totals.....	17	16,771	33,853,120	26,837,162	238,940,486	355,676,526
4. Aircraft—						
Under 5 employees.....	1	23	32,136	793	15,065	79,352
5 to 14 employees.....	2					
15 to 49 ".....	6	173	347,272	7,061	89,362	614,137
50 to 99 ".....	6	459	878,205	18,011	166,712	1,544,368
100 " 199 ".....	3	439	803,140	16,860	205,569	1,513,400
200 " 499 ".....	6	1,933	3,866,354	204,196	2,996,171	9,589,736
500 and over.....	14	34,785	78,303,396	1,566,086	111,620,388	265,311,887
Totals.....	38	37,812	84,230,503	1,813,007	115,093,267	278,652,880
5. Sawmills—						
Under 5 employees.....	3,662	8,898	4,084,445	406,436	14,936,604	25,746,254
5 to 14 employees.....	1,153	8,980	8,902,953	509,059	26,428,088	46,012,919
15 " 49 ".....	361	9,370	12,763,386	467,618	28,461,333	52,596,568
50 " 99 ".....	68	4,516	7,057,064	179,694	14,226,738	26,340,532
100 " 199 ".....	29	4,211	6,798,122	137,399	16,256,894	27,663,464
200 " 499 ".....	19	5,961	10,252,958	177,643	19,693,888	40,346,431
500 and over.....	3	2,104	4,158,572	69,661	6,003,209	12,401,862
Totals.....	5,295	44,040	54,017,500	1,947,510	126,006,754	231,108,030
6. Electrical Apparatus and Supplies—						
Under 5 employees.....	38	99	128,202	8,726	276,777	604,692
5 to 14 employees.....	46	401	614,604	24,513	1,337,751	2,737,376
15 " 49 ".....	70	1,915	2,947,373	96,327	5,159,216	11,697,657
50 " 99 ".....	27	2,061	3,278,043	93,573	4,420,293	9,379,232
100 " 199 ".....	23	3,292	5,144,395	235,430	11,105,023	26,663,853
200 " 499 ".....	25	7,199	12,334,762	366,009	14,840,071	36,281,184
500 and over.....	18	29,162	52,021,416	1,746,367	54,901,899	143,167,880
Totals.....	247	44,129	76,468,795	2,570,945	92,041,030	230,531,874

37.—Principal Statistics of the Twenty-Five Leading Industries of Canada, Grouped According to Number of Employees per Establishment, 1945—continued

Group and Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
7. Automobiles—						
50 to 99 employees.....	1	17,915	43,623,220	1,744,299	164,963,785	228,695,109
100 " 199 ".....	1					
200 " 499 ".....	1					
500 and over.....	3					
Totals.....	6	17,915	43,623,220	1,744,299	164,963,785	228,695,109
8. Flour and Feed Mills—						
Under 5 employees.....	839	1,446	1,164,878	372,894	27,694,651	32,549,111
5 to 14 employees.....	128	974	1,240,506	314,749	17,732,215	20,853,769
15 " 49 ".....	33	792	1,258,070	212,125	19,396,088	22,668,074
50 " 99 ".....	6	381	643,797	69,239	8,169,894	9,812,472
100 " 199 ".....	9	1,234	2,269,421	406,079	36,674,710	43,931,212
200 " 499 ".....	7	2,084	4,746,243	608,911	82,603,387	94,454,742
500 and over.....	1					
Totals.....	1,023	7,511	11,322,915	1,983,997	192,270,945	224,269,380
9. Butter and Cheese—						
Under 5 employees.....	1,594	3,671	3,109,788	964,728	53,214,417	60,133,612
5 to 14 employees.....	434	3,468	4,069,477	924,919	45,034,332	54,503,591
15 " 49 ".....	154	3,891	5,239,726	832,417	31,242,772	41,439,123
50 " 99 ".....	36	2,580	3,933,871	468,412	16,143,518	25,650,976
100 " 199 ".....	11	1,552	2,485,479	227,790	7,379,128	11,688,212
200 " 499 ".....	10	4,273	8,026,113	634,714	17,997,049	30,759,056
500 and over.....	2					
Totals.....	2,241	19,435	26,864,454	4,052,980	171,011,216	224,174,572
10. Shipbuilding and Repairs—						
Under 5 employees.....	3	11	10,570	827	8,274	24,719
5 to 14 employees.....	11	126	169,334	7,227	90,664	340,805
15 " 49 ".....	23	696	1,198,642	42,780	619,729	2,590,534
50 " 99 ".....	17	1,216	2,338,345	51,190	1,393,908	6,764,679
100 " 199 ".....	6	838	2,161,860	29,730	707,789	3,526,743
200 " 499 ".....	8	2,859	5,302,527	146,625	3,439,058	14,092,730
500 and over.....	21	42,372	88,289,415	2,375,271	54,034,831	177,254,113
Totals.....	89	48,118	99,470,593	2,653,650	60,294,253	204,594,323
11. Petroleum Products—						
Under 5 employees.....	8	20	30,047	1,641	104,361	179,153
5 to 14 employees.....	12	108	203,919	49,703	698,647	1,559,882
15 " 49 ".....	4	116	202,576	35,846	1,984,553	2,594,776
50 " 99 ".....	6	438	787,842	266,043	9,538,736	12,376,211
100 " 199 ".....	7	990	2,019,599	1,564,080	38,944,141	51,131,381
200 " 499 ".....	6	1,991	3,939,980	2,690,462	41,035,715	54,522,489
500 and over.....	3	3,112	6,707,347	4,498,614	58,847,276	79,319,787
Totals.....	46	6,775	13,891,310	9,106,389	151,153,429	201,683,679
12. Primary Iron and Steel—						
Under 5 employees.....	1	22	33,518	4,760	34,023	155,569
5 to 14 employees.....	2					
15 " 49 ".....	5					
50 " 99 ".....	9					
100 " 199 ".....	13	1,479	2,619,921	348,353	6,073,102	10,598,992
200 " 499 ".....	12	2,576	4,928,940	1,234,405	4,645,743	15,142,638
500 and over.....	21	24,423	48,604,532	14,124,322	73,643,417	160,048,097
Totals.....	63	29,378	57,862,489	16,002,411	86,417,375	192,279,159

37.—Principal Statistics of the Twenty-Five Leading Industries of Canada, Grouped According to Number of Employees per Establishment, 1945—continued

Group and Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
13. Rubber Goods—						
Under 5 employees.....	4	14	16,500	815	30,128	58,323
5 to 14 employees.....	11	87	113,460	6,453	73,545	242,857
15 " 49 ".....	7	184	247,484	24,502	224,329	773,883
50 " 99 ".....	7	555	782,552	67,009	1,200,380	2,730,114
100 " 199 ".....	6	805	1,079,567	149,002	1,950,191	4,422,874
200 " 499 ".....	6	2,069	3,037,197	255,754	4,070,706	10,545,743
500 and over.....	14	19,776	33,834,717	3,572,574	70,951,613	162,639,432
Totals.....	55	23,490	39,111,477	4,076,109	78,500,892	181,413,226
14. Railway Rolling Stock—						
Under 5 employees.....	3	29	46,521	3,551	422,084	607,610
5 to 14 employees.....	2					
15 " 49 ".....	2	170	277,341	9,657	491,156	903,714
50 " 99 ".....	2					
100 " 199 ".....	5	759	1,531,996	197,575	1,593,183	4,090,670
200 " 499 ".....	7	2,255	4,179,686	202,322	3,597,085	8,296,128
500 and over.....	16	27,302	55,758,395	3,768,139	78,160,807	167,351,720
Totals.....	37	30,515	61,793,939	4,181,244	84,264,315	181,249,842
15. Miscellaneous Chemical Products—						
Under 5 employees.....	73	148	166,706	13,488	341,022	1,049,306
5 to 14 employees.....	65	553	846,080	43,054	2,044,147	4,431,816
15 " 49 ".....	53	1,473	2,461,204	228,431	7,719,929	14,489,210
50 " 99 ".....	12	781	1,274,516	134,385	3,789,633	6,781,282
100 " 199 ".....	14	2,171	3,559,786	269,437	7,863,398	16,711,370
200 " 499 ".....	4	1,518	2,555,675	262,347	4,040,113	10,031,540
500 and over.....	11	22,570	39,332,704	3,294,942	57,956,446	124,167,023
Totals.....	232	29,214	50,197,271	4,246,084	83,754,688	177,661,547
16. Clothing, Women's Factory—						
Under 5 employees.....	120	325	455,284	6,362	1,509,367	3,172,714
5 to 14 employees.....	291	2,718	3,864,934	43,364	7,554,989	14,961,645
15 " 49 ".....	446	12,200	18,125,965	148,144	34,011,647	65,119,798
50 " 99 ".....	98	6,496	9,183,556	74,038	18,027,213	34,610,991
100 " 199 ".....	26	3,855	4,891,589	43,523	11,271,735	20,129,588
200 " 499 ".....	8	2,381	2,964,499	27,229	6,010,501	10,833,146
Totals.....	989	27,975	39,485,827	342,660	78,385,452	148,827,882
17. Miscellaneous Iron and Steel Products—						
Under 5 employees.....	41	93	111,315	8,550	115,253	335,710
5 to 14 employees.....	47	437	679,152	40,390	569,491	1,724,664
15 " 49 ".....	50	1,264	2,276,794	112,636	2,154,485	6,293,613
50 " 99 ".....	16	1,043	1,668,432	65,853	2,126,644	5,031,919
100 " 199 ".....	7	921	1,760,350	157,551	2,511,921	5,788,149
200 " 499 ".....	15	4,063	7,916,851	668,770	12,392,734	26,056,691
500 and over.....	10	12,842	27,355,310	1,154,159	51,350,689	100,491,697
Totals.....	186	20,663	41,768,204	2,207,909	71,221,217	145,722,443
18. Clothing, Men's Factory—						
Under 5 employees.....	84	203	356,026	3,024	2,171,561	3,998,293
5 to 14 employees.....	93	853	1,239,114	14,609	5,328,727	9,815,521
15 " 49 ".....	135	3,948	5,234,564	61,095	12,179,232	21,761,560
50 " 99 ".....	73	5,134	6,431,573	86,777	12,670,321	22,767,632
100 " 199 ".....	37	5,092	6,894,333	87,088	14,344,925	25,822,752
200 " 499 ".....	23	7,372	9,556,125	126,216	18,071,587	32,002,952
500 and over.....	8	4,821	7,222,165	58,524	13,787,853	23,751,508
Totals.....	453	27,423	36,933,900	437,333	78,554,206	139,920,218

37.—Principal Statistics of the Twenty-Five Leading Industries of Canada, Grouped According to Number of Employees per Establishment, 1945—continued

Group and Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
19. Machinery—						
Under 5 employees.....	18	50	73,997	3,802	103,051	220,152
5 to 14 employees.....	52	486	800,890	34,421	957,968	2,253,103
15 " 49 ".....	86	2,483	4,665,526	174,547	5,898,273	14,108,756
50 " 99 ".....	52	3,624	6,663,074	213,314	6,353,136	18,836,513
100 " 199 ".....	26	3,759	6,306,575	223,344	5,620,018	18,270,040
200 " 499 ".....	24	7,221	13,682,558	490,312	9,230,860	33,726,009
500 and over.....	9	8,662	14,789,756	610,576	16,654,013	50,777,517
Totals.....	267	26,285	46,982,376	1,750,316	44,817,319	138,192,090
20. Bread and Other Bakery Products—						
Under 5 employees.....	1,699	3,960	3,812,843	878,874	7,226,288	14,466,715
5 to 14 employees.....	853	6,418	6,962,827	877,628	11,805,333	23,845,687
15 " 49 ".....	223	5,608	7,373,266	752,377	12,510,735	25,956,199
50 " 99 ".....	36	2,446	3,572,666	287,694	6,943,299	13,909,450
100 " 199 ".....	29	3,945	6,024,891	460,310	9,958,825	20,811,385
200 " 499 ".....	16	4,231	6,671,759	545,035	9,590,741	21,865,638
500 and over.....	4	2,437	3,910,222	306,035	4,794,213	12,163,138
Totals.....	2,860	29,045	38,328,474	4,107,953	62,829,434	132,518,212
21. Automobile Supplies—						
Under 5 employees.....	11	34	54,387	2,216	36,739	143,313
5 to 14 employees.....	26	237	396,078	20,337	620,599	1,478,112
15 " 49 ".....	22	509	793,088	33,293	1,092,617	2,676,392
50 " 99 ".....	13	1,027	1,641,740	88,330	2,216,006	5,570,765
100 " 199 ".....	13	1,952	3,838,721	172,529	8,938,253	18,667,992
200 " 499 ".....	14	4,288	7,789,320	378,534	14,434,191	28,758,468
500 and over.....	9	9,343	18,602,533	1,242,163	38,559,345	69,267,787
Totals.....	108	17,390	33,115,867	1,937,402	65,897,750	126,562,829
22. Cotton Yarn and Cloth—						
5 to 14 employees.....	4	24	20,761	1,650	54,972	94,970
15 " 49 ".....	3	188	196,698	22,971	605,179	982,251
50 " 99 ".....	1					
100 " 199 ".....	7	940	1,464,102	118,576	2,383,953	4,717,946
200 " 499 ".....	10	3,062	3,601,471	277,928	10,250,579	16,387,898
500 and over.....	16	17,432	22,737,301	2,606,522	53,234,297	92,499,737
Totals.....	41	21,646	28,020,333	3,027,647	66,528,980	114,682,802
23. Miscellaneous Foods—						
Under 5 employees.....	81	201	242,143	15,018	1,054,751	1,616,457
5 to 14 employees.....	94	831	1,169,499	71,505	7,067,408	9,559,690
15 " 49 ".....	61	1,693	2,338,360	142,966	15,564,377	21,816,820
50 " 99 ".....	12	854	1,146,800	75,412	9,234,607	13,083,921
100 " 199 ".....	12	1,760	2,297,225	210,838	22,199,997	32,238,562
200 " 499 ".....	7	1,767	2,458,110	80,169	24,532,243	31,616,030
Totals.....	267	7,106	9,652,137	595,908	79,653,383	109,931,480
24. Sheet Metal Products—						
Under 5 employees.....	32	86	110,646	7,040	174,765	355,048
5 to 14 employees.....	46	415	578,374	21,739	655,682	1,720,907
15 " 49 ".....	54	1,484	2,268,841	97,705	3,898,151	8,186,999
50 " 99 ".....	22	1,457	2,258,040	102,584	3,518,514	7,287,315
100 " 199 ".....	17	2,284	3,434,553	235,723	9,376,902	15,586,902
200 " 499 ".....	18	5,827	10,446,793	439,908	20,362,162	39,390,594
500 and over.....	7	5,568	8,639,308	477,140	20,256,733	33,729,954
Totals.....	196	17,121	27,736,555	1,381,839	58,242,909	106,257,719

37.—Principal Statistics of the Twenty-Five Leading Industries of Canada, Grouped According to Number of Employees per Establishment, 1945—concluded

Group and Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
25. Brass and Copper Products—						
Under 5 employees.....	25	68	92,267	6,221	119,300	312,176
5 to 14 employees.....	50	457	834,946	46,908	823,582	2,189,241
15 " 49 ".....	40	1,083	1,984,427	159,825	8,187,479	12,457,744
50 " 99 ".....	17	1,236	2,090,277	141,956	2,595,982	6,334,245
100 " 199 ".....	13	1,842	3,308,751	303,613	11,371,928	20,045,246
200 " 499 ".....	11	4,200	8,241,237	687,150	13,109,033	26,771,404
500 and over.....	5	4,381	9,129,044	745,707	17,448,391	37,040,694
Totals.....	161	13,267	25,680,949	2,091,380	53,655,695	105,150,750

Subsection 5.—Power and Fuel

Power.—Power equipment installed in manufacturing establishments is a very good barometer of the industrial development of Canada, inasmuch as production is increasingly dependent on power equipment. Increases and decreases in productive capacity, measured in horse-power, are not the result of temporary fluctuations in costs and values in the same manner as capital investments, values of products, etc. Of course, power equipment installed is not a measure of the actual utilization of power for there is generally an excess over actual requirements, i.e., over power equipment in operation. Producers must have an installed operating margin in excess of normal requirements to provide for booming business conditions or break-down of part of the plant; in times of depression this margin increases. Then, too, the practice in factories, etc., of installing individual motors to each machine in place of large central motors increases total installed capacity. If spare or idle machinery could be deducted from total installation over a long period of time, the resultant data would be more informative. Reports of such spare or idle equipment are available, however, only since 1934, and the percentage of equipment not in regular use has been approximately the same each year, viz., about 6 p.c. Power equipment figures, unless such deductions can be made over a long term, will not reflect temporary depressions.

Electric motors in the manufacturing industries operated by purchased power are included with primary power equipment and consequently the central electric stations producing the power are not included as manufacturing industries. Electric motors operated by power generated within these industries are not included in Table 38 with the primary power equipment that produces the power to operate them but they are shown separately, together with the total of all electric motors for each year. These totals indicate the rate of growth of electric drive in these industries in Canada, which has increased from 61.3 p.c. of the total power equipment in 1923 to 81.2 p.c. in 1945.

Of the total increase in power equipment employed in manufacturing industries since 1923, over 81.4 p.c. was in electric motors operated on power purchased from central electric stations. However, some sections of Canada are not well provided with water power and in such sections primary power derived from steam engines or turbines, and internal combustion engines—which include all gasoline engines, gas engines (natural, coal, and producer gas), and compression-ignition engines—has also

increased rapidly during the period covered. During the period 1923-45 there was an increase of 21 p.c. in the capacity of water wheels, 83 p.c. in the capacity of steam engines, while the capacity of electric motors and internal combustion engines more than quadrupled during the same period.

In the Provinces of Prince Edward Island, Nova Scotia, New Brunswick, Saskatchewan, and Alberta, primary power produced from fuels is an important factor in power utilization.

38.—Power Equipment Installed in the Manufacturing Industries of Canada, 1931-44, with Details by Provinces and Industrial Groups, 1945

Year and Province or Group	Steam Engines and Turbines	Internal Combustion Engines	Hydraulic Turbines and Water Wheels	Total	Electric Motors Operated by Purchased Power	Total Power Equipment	Electric Motors Operated by Power Generated by Establishments Reporting	Total Electric Motors
	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.
Totals, 1931.....	780,487	73,376	667,546	1,521,409	2,578,523	4,099,932	539,430	3,117,953
Totals, 1932.....	735,980	68,551	653,204	1,457,735	2,684,923	4,142,658	510,837	3,195,760
Totals, 1933.....	738,297	76,583	657,683	1,472,563	2,662,445	4,135,008	497,392	3,159,837
Totals, 1934.....	774,494	87,120	597,675	1,459,289	2,770,383	4,229,672	544,714	3,315,097
Totals, 1935.....	774,166	88,265	603,717	1,466,148	2,865,340	4,331,488	512,177	3,377,517
Totals, 1936.....	743,184	92,480	648,489	1,484,153	2,977,714	4,461,867	528,501	3,506,215
Totals, 1937.....	834,703	98,233	649,557	1,582,493	3,129,790	4,712,283	602,955	3,732,745
Totals, 1938.....	830,897	111,645	723,377	1,665,919	3,303,804	4,969,723	659,741	3,963,545
Totals, 1939.....	827,801	121,997	731,390	1,681,188	3,364,099	5,045,287	694,450	4,058,549
Totals, 1940.....	848,596	152,240	727,051	1,727,887	3,563,048	5,290,935	724,769	4,287,817
Totals, 1941.....	917,474	179,461	724,199	1,821,134	4,028,942	5,850,076	740,112	4,769,054
Totals, 1942.....	927,509	224,358	741,751	1,893,618	4,168,402	6,062,020	800,917	4,969,319
Totals, 1943.....	988,280	257,873	749,593	1,995,746	4,420,105	6,415,851	760,630	5,180,735
Totals, 1944.....	1,013,615	288,312	729,216	2,031,143	4,437,296	6,468,439	779,717	5,217,013
PROVINCE								
P.E. Island.....	1,404	1,110	1,491	4,005	1,374	5,379	—	1,374
Nova Scotia.....	71,644	18,440	14,824	104,908	95,236	200,144	65,597	160,833
New Brunswick...	86,741	13,148	28,485	128,374	135,800	264,174	53,549	189,349
Quebec.....	212,418	58,490	317,360	588,268	1,777,161	2,365,429	170,568	1,947,729
Ontario.....	421,994	97,431	236,211	755,636	1,977,890	2,733,526	336,498	2,314,388
Manitoba.....	17,312	7,859	34	25,205	155,365	180,570	6,128	161,493
Saskatchewan.....	18,515	17,678	—	36,193	47,260	83,453	287	47,547
Alberta.....	28,479	21,426	25	49,930	95,711	145,641	914	96,625
British Columbia.	156,743	59,031	111,168	326,942	300,822	627,764	154,389	455,211
Yukon and N.W.T.	44	510	—	554	17	571	—	17
Totals, 1945.....	1,015,294	295,123	709,598	2,020,015	4,586,636	6,606,651	787,930	5,374,566
INDUSTRIAL GROUP								
Vegetable products	111,503	46,313	25,816	183,632	344,973	528,605	49,393	394,366
Animal products...	25,232	13,534	2,780	41,546	155,675	197,221	4,541	160,216
Textiles and textile products.....	27,242	3,686	25,223	56,151	229,711	285,862	29,567	259,278
Wood and paper products.....	39,675	162,495	595,034	1,297,204	1,690,231	2,987,435	521,400	2,211,631
Iron and its products.....	184,789	45,086	2,576	232,451	1,011,774	1,244,225	119,311	1,131,085
Non-ferrous metal products.....	27,683	6,273	46,507	80,463	556,437	636,900	26,678	583,115
Non-metallic mineral products....	56,586	13,990	840	71,416	246,705	318,121	9,476	256,181
Chemicals and allied products..	39,712	3,436	10,822	53,970	317,565	371,535	24,594	342,159
Miscellaneous industries.....	2,872	310	—	3,182	33,565	36,747	2,970	36,535

¹Includes "steam engines" 548,841 h.p. and "steam turbines" 466,453 h.p.

Fuel and Electricity.—Fuel is used quite generally throughout the industrial field for the generation of power by means of steam and internal combustion engines. It is also used for the heating of plants, and for providing the heat necessary to some manufacturing processes. The most important industries where heat is applied to the materials to facilitate or accomplish the desired transformation are foundries and machine shops, brick, tile, lime, and cement-making, petroleum refining, the glass industry, distilleries, food preparation, rubber goods, etc. Fuel used for such heating purposes, as well as for power, is included in the figures of Table 39. In addition to the electricity used for ordinary power purposes, the figures include also the electricity used for heating boilers in the pulp and paper industry. Consumption of surplus energy in electric boilers increased rapidly during the years preceding the Second World War.

The figures of the table do not include coke charged to iron-blast furnaces or foundry cupolas. Neither do they include fuels that constitute the raw materials to be transformed as coal in the coke and gas industries and crude petroleum in the refining industry.

The value of fuel consumed increased 139 p.c. from 1924 to 1945. Part of the increase was due to an increase in the quantity used and part to the rise in the unit cost of fuels of all kinds. Electricity, on the other hand, has increased during the same period by 348 p.c., although there has been a decline in the average unit cost of electricity. The groups of industries in which fuel was most extensively used in 1945 were: iron and its products, wood and paper products, non-ferrous metals and non-metallic mineral products.

Quebec is the largest user of electric power, having used 46.7 p.c. of the Dominion total in 1945.

39.—Fuel and Electricity Used in the Manufacturing Industries of

Year and Province or Group	Bituminous Coal				Anthracite	
	Canadian		Imported			
	short tons	\$	short tons	\$	short tons	\$
Totals, 1932	1,578,341	8,433,592	2,255,296	12,004,969	136,947	1,002,634
Totals, 1933	1,499,715	7,571,912	2,026,113	10,770,107	145,017	1,033,154
Totals, 1934	1,812,712	9,220,235	2,123,376	12,151,844	166,242	1,166,745
Totals, 1935	1,889,361	9,681,361	2,135,592	12,427,515	173,188	1,194,905
Totals, 1936	2,122,583	10,886,270	2,383,166	13,683,753	176,869	1,274,078
Totals, 1937	2,907,671	15,648,467	2,828,519	16,255,262	173,993	1,253,376
Totals, 1938	2,484,071	13,553,411	2,455,613	14,266,262	152,194	1,107,168
Totals, 1939	2,893,613	15,744,444	2,262,378	13,386,496	167,465	1,151,278
Totals, 1940	3,306,682	19,381,414	3,204,513	19,707,934	171,271	1,347,910
Totals, 1941	3,121,155	19,940,895	4,689,123	31,835,408	180,189	1,540,230
Totals, 1942	3,469,131	24,312,873	5,301,273	38,940,599	236,494	2,126,707
Totals, 1943	2,971,872	21,853,184	6,510,494	50,089,082	265,537	2,372,290
Totals, 1944	2,538,345	19,785,479	7,336,983	55,667,410	228,795	2,231,277
PROVINCE						
Prince Edward Island	9,811	94,359	417	3,957	12	154
Nova Scotia	480,049	3,075,027	56	597	904	14,163
New Brunswick	479,537	3,576,105	16,266	104,331	977	15,777
Quebec	446,826	4,231,590	1,895,972	17,082,707	100,671	944,275
Ontario	230,879	2,075,357	4,276,216	34,025,004	83,501	828,324
Manitoba	112,046	982,140	31,988	359,775	9,871	123,519
Saskatchewan	82,964	659,457	92	1,152	2,015	15,791
Alberta	78,662	366,250	14	156	164	1,150
British Columbia	341,291	2,274,730	408	6,379	16,860	151,772
Yukon and Northwest Territories	260	4,069	5	502	—	—
Totals, 1945	2,262,325	17,339,084	6,221,434	51,584,560	214,975	2,094,925
INDUSTRIAL GROUP						
Vegetable products	246,264	1,982,555	962,610	7,466,799	57,026	622,226
Animal products	169,695	1,537,044	299,051	2,612,452	16,785	169,914
Textiles and textile products	106,452	923,560	464,406	4,209,949	27,631	246,872
Wood and paper products	633,799	5,017,844	1,599,447	13,454,709	26,619	236,736
Iron and its products	535,602	3,632,310	846,510	6,988,590	47,034	424,683
Non-ferrous metal products	196,060	1,444,998	758,794	6,528,483	9,619	88,155
Non-metallic minerals	231,724	1,714,325	568,653	4,501,890	20,259	194,854
Chemicals and allied products	132,625	990,900	683,930	5,489,226	8,136	85,961
Miscellaneous industries	10,104	95,548	38,033	332,462	1,866	25,524

¹ Includes gasoline and kerosene.² Includes fuel and electricity used in smelters for metallurgical purposes.

Canada, 1932-44, with Details by Provinces and Industrial Groups, 1945

Lignite		Coke		Fuel Oils	Wood	Gas	Other Fuel ¹	Elec- tricity	Total
short tons	\$	short tons	\$	\$	\$	\$	\$	\$	\$
156,097	497,154	322,829	1,592,015	4,684,042	1,483,066	4,692,700	974,884	34,764,666	70,129,722
158,437	522,626	288,811	1,574,426	4,606,527	1,635,689	4,827,310	981,591	33,092,334	66,615,676
193,820	601,520	319,410	1,670,877	5,182,216	1,450,553	5,734,229	1,549,086	38,150,061	76,877,366
215,341	684,396	376,928	1,921,138	5,981,169	1,419,130	5,707,589	1,773,040	40,489,645	81,279,888
233,138	740,099	344,797	1,883,025	6,381,311	1,421,076	6,583,603	1,962,450	43,781,481	88,597,146
265,440	759,600	657,994	5,169,524	8,580,369	1,636,098	7,404,919	2,867,421	50,032,810	109,607,846
223,536	692,428	585,467	4,493,824	8,103,428	1,614,941	7,381,904	2,803,022	47,900,172	101,916,560 ²
238,698	740,593	596,077	4,870,875	8,560,418	1,562,119	7,891,892	3,155,016	50,509,121	107,572,252 ²
319,499	965,229	689,878	5,797,070	12,360,737	1,754,791	10,172,976	7,062,852	58,429,262	136,980,175 ²
366,010	1,177,180	728,871	6,388,464	17,734,137	1,896,184	12,554,559	9,819,759	71,754,501	174,641,317 ²
359,534	1,166,125	724,264	7,002,130	21,345,936	2,213,637	13,180,067	11,224,569	85,205,846	206,718,489 ²
345,359	1,085,734	752,916	7,260,866	22,402,629	2,469,573	15,198,110	11,272,877	91,950,030	225,954,375 ²
421,351	1,522,417	803,179	7,909,168	21,822,975	2,340,460	16,890,106	9,714,478	87,699,383	225,583,153 ²
—	—	297	4,677	3,403	9,888	—	13,779	41,153	171,370
20	300	31,372	158,922	558,439	28,932	1,739,034	320,116	1,660,919	7,556,449
95	737	5,518	36,428	215,227	140,936	30,561	310,412	1,577,442	6,007,956
48	638	127,127	1,236,655	6,298,568	1,044,299	2,505,419	2,414,221	39,220,346	74,978,718
1,415	17,687	526,765	5,158,722	10,578,212	459,848	8,742,513	4,061,851	29,892,701	95,840,219
258,990	942,943	11,233	128,151	334,204	212,021	209,608	323,510	2,315,710	5,931,581
67,712	282,938	1,098	5,024	482,829	51,454	303,505	213,461	1,118,193	3,133,804
91,289	239,450	1,737	18,372	73,151	23,563	1,069,992	278,837	1,470,821	3,541,742
5,724	41,174	96,559	859,296	2,772,369	252,931	477,718	1,652,213	6,700,187	15,188,769
—	—	—	—	17,476	5,239	—	3,833	2,393	33,512
425,293	1,525,867	801,706	7,606,247	21,333,878	2,229,111	15,078,350	9,592,233	83,999,865	212,384,120 ²
133,947	456,264	54,597	565,810	860,819	628,430	1,153,846	2,121,562	5,648,148	21,506,459
130,212	517,301	22,360	110,411	458,218	741,191	302,232	1,477,800	3,048,061	10,974,624
1,620	10,763	5,052	30,380	323,753	58,139	82,304	205,260	4,442,120	10,533,100
3,740	19,766	3,485	39,028	2,087,212	217,611	192,377	2,457,082	23,727,442	47,449,807
116,149	357,499	82,583	545,770	7,617,673	85,282	5,089,412	1,612,342	15,433,417	41,786,978
551	3,810	318,261	3,963,802	2,931,872	29,126	550,908	326,307	17,031,393	32,898,854
34,673	137,986	310,506	2,288,125	6,360,993	430,921	7,423,702	701,324	5,443,394	29,197,514
4,000	19,275	4,294	55,856	662,177	29,353	213,341	602,724	8,484,637	16,633,450
401	3,203	568	7,065	31,161	9,058	70,228	87,832	741,253	1,403,334

PART II.—PROVINCIAL AND LOCAL DISTRIBUTION OF MANUFACTURING PRODUCTION

This part of the Report is introduced by a general analysis of the concentration of the manufacturing industries in the provinces. In the sections that follow, the principal features of the manufactures of each province are brought out and finally the distribution of manufacturing throughout the principal cities and towns of the Dominion is shown.

Ontario and Quebec are by far the most important manufacturing provinces of Canada. Their combined production in 1945 amounted to \$6,496,973,000 or 80 p.c. of the gross value of manufactured products of the Dominion. The proximity of Ontario to the coalfields of Pennsylvania, the water power and other varied resources of the two provinces, and their nearness to the larger markets of Canada and the United States have all contributed to the above result.

Table 1 shows the outstanding predominance of Ontario and Quebec in each industrial group. Quebec leads in the manufacture of textiles, but in each of the other groups Ontario has the greater production. The standing of these two provinces is most nearly approached by British Columbia in the case of the wood and paper products group, where the latter province accounts for 16.4 p.c. of the gross production compared with 35.6 p.c. for Ontario and 34.8 p.c. for Quebec; in each of the other groups the positions of Ontario and Quebec lead by a wide margin. Previous to 1941, Table 1 has shown the value of production in each province, by industry. With the establishment of many vital war plants throughout Canada, it was not possible to publish this detail during the war years, and the provincial distribution by groups, instead of by industries is given. In this way the publication of figures relating to individual establishments has, in many cases, been avoided.

1.—Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1945

Province and Group	Estab-lish-ments	Em-ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Canada						
Vegetable products.....	5,862	135,311	196,010,688	802,367,469	529,112,219	1,352,986,147
Animal products.....	4,470	98,267	138,405,263	839,885,434	261,069,677	1,111,929,735
Textiles and textile products	2,740	158,148	207,629,471	429,208,436	367,980,705	807,722,241
Wood and paper products...	10,653	199,373	306,179,416	551,143,890	586,057,023	1,184,650,720
Iron and its products.....	2,188	321,719	637,335,990	887,425,621	1,046,097,484	1,975,310,083
Non-ferrous metal products.	683	88,350	158,358,737	429,913,071	316,572,975	779,384,900
Non-metallic mineral products.....	789	32,525	57,193,679	231,341,920	145,197,043	405,736,477
Chemicals and chemical products.....	973	60,723	106,017,985	212,197,636	249,701,603	478,532,689
Miscellaneous industries.....	692	24,956	38,642,220	90,185,370	62,527,170	154,115,874
Totals.....	29,050	1,119,372	1,845,773,449	4,473,668,847	3,564,315,899	8,250,368,866
Prince Edward Island						
Vegetable products.....	33	331	316,276	1,032,065	728,001	1,809,291
Animal products.....	100	836	680,971	5,684,333	1,214,890	6,975,251
Wood and paper products...	90	371	259,696	369,385	512,523	901,201
Iron and its products.....	7	224	304,805	225,389	319,758	566,318
All other groups ¹	4	89	117,464	931,777	403,262	1,340,692
Totals.....	234	1,851	1,679,212	8,242,949	3,178,434	11,592,753

¹ Includes textiles, non-metallic minerals and chemicals.

1.—Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1945—continued

Province and Group	Estab-lish-ments	Em-employees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Nova Scotia						
Vegetable products.....	159	3,151	3,874,928	10,419,546	8,565,020	19,466,381
Animal products.....	220	3,923	4,445,632	25,399,156	10,531,431	36,333,363
Textiles and textile products	28	2,439	2,560,556	5,551,216	4,770,436	10,524,187
Wood and paper products...	771	6,145	6,925,946	13,255,828	12,709,355	27,166,180
Iron and its products.....	78	16,000	30,675,797	31,665,579	40,531,647	75,706,067
Non-metallic mineral products.....	21	1,325	2,559,533	19,018,066	5,275,170	25,952,948
Chemicals and chemical products.....	15	393	604,328	2,475,320	1,894,341	4,466,716
Miscellaneous industries.....	5	47	56,525	75,828	80,789	159,335
Totals.....	1,297	33,423	51,703,245	107,860,539	84,358,189	199,775,177
New Brunswick						
Vegetable products.....	152	3,157	4,079,682	26,703,583	10,065,193	37,485,690
Animal products.....	176	3,017	2,926,420	16,568,272	6,444,579	23,337,762
Textiles and textile products	19	1,875	2,074,724	3,357,807	3,775,379	7,319,349
Wood and paper products...	472	8,611	12,549,366	32,163,621	25,763,227	61,915,277
Iron and its products.....	35	4,372	8,498,184	3,561,587	12,683,683	16,703,161
Non-metallic mineral products.....	20	306	430,348	709,819	1,148,660	2,062,677
Chemicals and chemical products.....	9	308	516,874	3,002,980	1,621,014	4,669,382
Miscellaneous industries ¹	6	857	1,332,450	1,167,678	1,878,340	3,130,080
Totals.....	889	22,503	32,408,048	87,235,347	63,380,075	156,623,378
Quebec						
Vegetable products.....	1,822	40,759	56,583,993	195,333,338	144,518,966	345,016,091
Animal products.....	1,817	32,613	41,145,706	189,485,820	69,882,403	261,891,709
Textiles and textile products	1,507	87,138	113,140,537	238,235,148	206,341,435	450,393,106
Wood and paper products...	3,510	64,883	96,996,239	195,261,915	193,993,415	412,696,856
Iron and its products.....	474	89,382	179,693,454	195,698,240	283,706,158	489,010,669
Non-ferrous metal products.	171	25,185	45,804,177	138,406,136	99,425,297	251,066,236
Non-metallic mineral products.....	198	8,226	14,160,986	62,338,579	34,164,368	105,368,067
Chemicals and chemical products.....	323	29,967	51,840,402	80,421,057	101,976,975	188,403,106
Miscellaneous industries.....	216	5,878	8,107,949	12,353,960	15,381,902	28,057,990
Totals.....	10,038	384,031	607,473,443	1,307,534,193	1,149,390,919	2,531,903,830
Ontario						
Vegetable products.....	2,510	67,436	101,868,388	400,819,048	273,404,628	685,590,383
Animal products.....	1,524	33,511	51,626,181	287,865,972	87,678,403	380,202,219
Textiles and textile products	987	59,721	81,438,877	156,672,002	138,739,534	299,520,873
Wood and paper products...	3,017	74,607	117,524,616	191,121,330	217,607,003	422,071,993
Iron and its products.....	1,151	166,406	327,818,322	589,049,644	571,687,625	1,185,566,783
Non-ferrous metal products.	434	57,896	102,268,168	242,322,267	199,387,977	456,734,685
Non-metallic mineral products.....	382	17,204	30,695,908	100,378,003	78,610,495	193,064,892
Chemicals and chemical products.....	511	25,276	43,423,000	108,038,521	114,592,595	230,267,807
Miscellaneous industries.....	353	15,999	25,819,927	72,023,816	39,229,939	112,049,386
Totals.....	10,869	518,056	882,483,387	2,148,290,603	1,720,938,199	3,965,069,021

¹ Includes non-ferrous metals.

1.—Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1945—concluded

Province and Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Manitoba						
Vegetable products.....	258	5,270	7,379,148	44,793,270	22,449,936	68,338,232
Animal products.....	207	7,925	12,368,207	103,346,997	27,928,202	132,051,384
Textiles and textile products	102	4,393	5,123,253	16,647,155	8,503,872	25,270,701
Wood and paper products...	504	6,037	8,761,004	12,202,918	17,395,652	30,490,049
Iron and its products.....	95	10,186	18,498,989	16,804,111	25,912,274	43,873,398
Non-ferrous metal products.	25	673	1,051,581	8,244,720	2,612,473	11,099,927
Non-metallic mineral pro- ducts.....	38	1,087	1,708,110	4,935,182	4,615,086	10,532,495
Chemicals and chemical pro- ducts.....	36	1,995	3,688,319	6,791,831	6,008,865	13,393,992
Miscellaneous industries.....	37	801	1,235,498	2,348,392	2,348,766	4,771,105
Totals	1,302	38,367	59,814,109	216,114,576	117,775,126	339,821,283
Saskatchewan						
Vegetable products.....	170	2,423	3,552,959	33,875,237	10,383,048	44,934,956
Animal products.....	98	3,730	5,618,385	51,451,063	11,500,399	63,486,320
Textiles and textile products	5	55	62,331	1,097,972	175,477	1,275,079
Wood and paper products...	567	3,089	3,411,516	4,809,884	6,620,757	11,667,725
Iron and its products.....	39	1,035	1,779,191	5,802,694	2,648,202	8,581,359
Non-metallic mineral pro- ducts.....	29	725	1,384,025	14,082,230	4,369,355	19,346,870
Chemicals and chemical pro- ducts.....	10	123	175,592	405,539	423,713	841,537
Miscellaneous industries ¹	8	437	921,607	14,754,583	2,154,176	17,554,287
Totals	926	11,617	16,905,606	126,279,202	38,275,127	167,688,133
Alberta						
Vegetable products.....	273	4,100	5,915,351	38,302,114	22,716,441	61,674,533
Animal products.....	149	5,741	8,923,166	93,608,667	20,435,876	114,710,920
Textiles and textile products	28	834	1,085,430	1,945,966	1,475,506	3,439,686
Wood and paper products...	565	4,741	6,082,791	11,156,417	11,401,806	22,884,055
Iron and its products.....	67	3,887	6,339,062	5,437,408	7,759,509	13,524,096
Non-ferrous metal products.	6	83	137,861	312,579	252,125	573,185
Non-metallic mineral pro- ducts.....	43	1,932	3,047,243	14,197,771	9,956,715	25,133,911
Chemicals and chemical pro- ducts.....	14	464	917,693	895,410	3,915,202	5,356,245
Miscellaneous industries.....	12	204	311,729	341,804	634,446	990,873
Totals	1,157	21,486	32,760,326	166,198,136	78,547,626	248,287,504
British Columbia						
Vegetable products.....	482	8,676	12,428,973	51,068,809	36,263,604	88,627,977
Animal products.....	179	6,971	10,670,595	66,475,154	25,453,494	92,940,807
Textiles and textile products	62	1,642	2,096,172	5,165,163	4,036,916	9,277,222
Wood and paper products...	1,152	30,876	53,655,481	90,784,742	100,031,442	194,814,486
Iron and its products.....	241	30,700	63,660,813	39,175,134	100,781,255	141,695,474
Non-ferrous metal products.	43	3,709	7,540,178	25,597,579	12,135,027	41,434,461
Non-metallic mineral pro- ducts.....	56	1,699	3,155,391	15,571,001	6,626,813	23,717,201
Chemicals and chemical pro- ducts.....	54	2,169	4,804,857	9,782,436	19,057,043	30,535,922
Miscellaneous industries.....	57	1,532	2,406,673	2,139,818	3,568,925	5,859,574
Totals	2,326	87,974	160,419,133	305,759,836	307,954,519	628,903,124
Yukon and N.W.T.						
Vegetable products.....	3	8	10,990	20,459	17,382	42,613
Wood and paper products...	5	13	12,761	17,850	21,843	42,898
All other groups ²	4	43	103,189	115,157	478,460	619,152
Totals	12	64	126,940	153,466	517,685	704,663

¹ Includes non-ferrous metals.² Includes iron and its products, non-ferrous metal products, non-metallic mineral products, and miscellaneous industries.

The degree of concentration of manufacturing production in large units is illustrated in Table 2. In the Province of Quebec 44.0 p.c. of all persons engaged in manufacturing were employed in establishments having 500 or more employees as compared with 39.9 p.c. for Canada as a whole. Ontario ranked second with 40.5 p.c., followed by Nova Scotia with 37.7 p.c., British Columbia 36.5 p.c., Manitoba 28.7 p.c., New Brunswick 28.4 p.c., Alberta 20.1 p.c., and Saskatchewan 14.8 p.c. There were no plants in Prince Edward Island with an employment of 500 persons.

2.—Concentration of Manufacturing Production in Each Province, 1945

Province	Number of Establishments Employing 500 or More Persons	Percentage of Total Number of Establishments in Province	Provincial Percentage of Number of Employees Accounted for by these Establishments
Prince Edward Island.....	Nil	—	—
Nova Scotia.....	12	0.9	37.7
New Brunswick.....	7	0.8	28.4
Quebec.....	126	1.3	44.0
Ontario.....	175	1.6	40.5
Manitoba.....	8	0.6	28.7
Saskatchewan.....	3	0.3	14.8
Alberta.....	6	0.5	20.1
British Columbia.....	19	0.8	36.5
Canada.....	356	1.2	39.9

3.—Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Number of Employees per Establishment, 1945

Provinces and Groups	Estab-lish-ments	Em-ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Canada—						
Under 5 employees...	12,959	30,052	25,628,880	3,769,060	132,557,961	191,580,905
5 to 14 employees...	7,483	61,995	78,193,558	6,220,494	223,902,432	380,852,288
15 " 49 " ..	4,972	133,801	191,919,981	12,460,439	475,215,076	861,165,560
50 " 99 " ..	1,666	116,422	172,105,838	12,246,094	446,680,066	805,288,720
100 " 199 " ..	982	136,961	210,131,503	20,620,615	569,081,715	1,041,036,300
200 " 499 " ..	632	193,122	317,982,669	40,543,391	790,626,700	1,465,915,880
500 and over.....	356	447,019	849,801,020	116,524,027	1,835,604,897	3,504,529,213
Totals.....	29,050	1,119,372	1,845,773,449	212,384,120	4,473,668,847	8,250,368,866
Prince Edward Island—						
Under 5 employees...	149	329	169,316	27,439	1,513,829	2,020,642
5 to 14 employees...	54	490	389,883	41,800	1,770,018	2,600,065
15 " 49 " ..	28	685	641,212	52,759	3,393,520	4,723,597
50 " 99 " ..	2	347	478,801	49,372	1,565,582	2,248,449
100 " 199 " ..	1					
Totals.....	234	1,851	1,679,212	171,370	8,242,949	11,592,753

3.—Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Number of Employees per Establishment, 1945 —continued

Provinces and Groups	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Nova Scotia—						
Under 5 employees...	637	1,509	883,384	91,425	4,235,872	6,212,531
5 to 14 employees...	384	3,091	3,056,209	250,590	9,694,139	16,509,806
15 " 49 " "	178	4,642	5,476,073	430,958	16,288,286	26,490,405
50 " 99 " "	46	3,129	4,473,649	625,850	9,548,451	19,950,220
100 " 199 " "	24	3,358	5,504,140	381,021	9,747,401	19,364,916
200 " 499 " "	16	5,094	8,872,540	1,869,208	16,980,253	36,194,437
500 and over.....	12	12,600	23,437,250	3,907,397	41,366,137	75,052,862
Totals.....	1,297	33,423	51,703,245	7,556,449	107,860,539	199,775,177
New Brunswick—						
Under 5 employees...	417	1,038	685,631	93,817	2,623,024	4,176,531
5 to 14 employees...	268	2,166	2,109,603	200,470	7,500,938	12,158,733
15 " 49 " "	128	3,136	3,594,087	391,565	12,613,045	20,052,974
50 " 99 " "	38	2,704	3,578,857	279,053	11,919,504	20,034,808
100 " 199 " "	16	2,214	3,205,602	406,946	6,036,699	11,866,678
200 " 499 " "	15	4,856	7,094,450	906,439	18,403,694	33,207,964
500 and over.....	7	6,389	12,139,818	3,729,666	28,138,443	55,125,690
Totals.....	889	22,503	32,408,048	6,007,956	87,235,347	156,623,378
Quebec—						
Under 5 employees...	4,876	11,261	9,586,180	1,390,522	55,013,889	77,047,184
5 to 14 employees...	2,332	19,364	23,650,802	1,478,812	65,698,051	114,159,433
15 " 49 " "	1,666	45,192	61,631,902	3,098,076	145,120,774	266,903,037
50 " 99 " "	542	37,988	51,857,108	2,943,544	120,296,824	221,735,838
100 " 199 " "	303	41,794	59,467,593	6,114,605	171,925,355	306,417,822
200 " 499 " "	193	50,553	90,917,093	14,427,232	236,150,602	441,701,981
500 and over.....	126	168,879	310,362,765	45,525,327	513,328,698	1,103,938,535
Totals.....	10,038	384,031	607,473,443	74,978,718	1,307,534,193	2,531,903,830
Ontario—						
Under 5 employees...	4,233	9,698	9,141,251	1,464,698	55,143,971	77,101,223
5 to 14 employees...	2,839	23,736	31,638,103	2,644,044	85,131,968	147,199,784
15 " 49 " "	2,058	55,728	83,901,084	5,793,246	197,394,068	367,802,556
50 " 99 " "	751	52,524	80,611,453	5,752,918	195,890,122	360,861,753
100 " 199 " "	486	68,751	107,190,988	9,469,075	262,490,359	496,411,655
200 " 499 " "	327	97,635	165,492,769	17,176,523	335,679,133	658,436,513
500 and over.....	175	209,984	404,507,739	53,539,715	1,016,560,982	1,857,255,537
Totals.....	10,869	518,056	882,483,387	95,840,219	2,148,290,603	3,965,069,021
Manitoba—						
Under 5 employees...	587	1,379	1,125,964	156,916	3,948,008	6,375,651
5 to 14 employees...	343	2,849	3,548,844	328,219	12,844,848	19,832,418
15 " 49 " "	220	5,893	7,922,102	671,668	27,216,567	43,275,633
50 " 99 " "	81	5,616	8,079,293	813,280	33,342,565	51,934,774
100 " 199 " "	42	5,793	8,791,878	1,320,454	28,087,904	50,378,626
200 " 499 " "	21	5,844	10,016,845	1,292,185	30,406,111	54,859,381
500 and over.....	8	10,993	20,329,183	1,348,859	80,268,573	113,164,800
Totals.....	1,302	38,367	59,814,109	5,931,581	216,114,576	339,821,283
Saskatchewan—						
Under 5 employees...	568	1,248	774,221	118,686	1,685,729	3,442,574
5 to 14 employees...	234	1,871	2,251,963	365,179	11,511,182	16,727,203
15 " 49 " "	84	2,256	3,162,134	333,382	12,397,646	19,503,944
50 " 99 " "	26	1,847	2,868,480	312,506	8,678,292	16,876,686
100 " 199 " "	6	743	1,353,037	323,918	15,374,183	18,995,683
200 " 499 " "	5	1,938	3,477,195	1,465,333	49,974,644	60,173,992
500 and over.....	3	1,714	3,018,576	214,800	26,657,526	31,968,051
Totals.....	926	11,617	16,905,606	3,133,804	126,279,202	167,688,133
Alberta—						
Under 5 employees...	611	1,410	1,197,013	167,755	4,801,791	7,430,560
5 to 14 employees...	324	2,558	3,274,432	334,006	12,849,600	19,461,218
15 " 49 " "	140	3,568	5,210,270	363,620	13,278,903	24,044,932
50 " 99 " "	42	3,068	4,642,303	372,238	20,003,418	31,561,273
100 " 199 " "	23	2,980	4,682,877	642,599	26,210,085	43,244,300
200 " 499 " "	11	3,587	6,102,346	1,284,668	27,003,986	45,064,061
500 and over.....	6	4,315	7,651,085	376,856	62,050,353	77,481,160
Totals.....	1,157	21,456	32,760,326	3,541,742	166,198,136	248,287,504

3.—Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Number of Employees per Establishment, 1945 —concluded

Provinces and Groups	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$.\$	\$	\$
British Columbia—						
Under 5 employees...	872	2,160	2,044,615	251,490	3,555,348	7,694,655
5 to 14 employees...	703	5,853	8,235,457	559,724	16,790,557	31,661,077
15 " 49 "	469	12,674	20,313,744	1,315,015	47,506,432	88,285,724
50 " 99 "	138	9,368	15,756,384	1,112,278	45,584,718	80,501,730
100 " 199 "	81	11,159	19,694,898	1,947,052	49,060,319	93,939,809
200 " 499 "	44	14,615	26,019,431	2,121,803	76,028,277	136,277,551
500 and over.....	19	32,145	68,354,604	7,881,407	67,234,185	190,542,578
Totals.....	2,326	87,974	160,419,133	15,188,769	305,759,836	628,903,124
Yukon and Northwest Territories—						
Under 5 employees...	9	20	21,305	6,312	36,500	79,354
5 to 14 employees...	2	44	105,635	27,200	116,966	625,309
15 " 49 "	1					
Totals.....	12	64	126,940	33,512	153,466	704,663

Section 1.—The Manufactures of the Maritime Provinces, 1945

In Prince Edward Island the predominant agricultural and fishery resources make butter and cheese, fish-curing and packing, and slaughtering and meat packing the leading manufactures of the Province. Nova Scotia is renowned for its coal mines and its fisheries, as well as extensive forests and agricultural lands and is favoured with easy access by sea to the high-grade iron-ore supply of Newfoundland. On these resources are based the leading manufactures of primary iron and steel, shipbuilding and repairs, fish-curing and -packing, sawmills, pulp and paper, and butter and cheese. In addition to this, important petroleum refineries and coke and gas plants add to the diversification of manufacturing in the Province. The forests of New Brunswick give a leading place to its pulp and paper and sawmilling industries, although fish and agricultural products add to the varied output. Sugar refining and the production of railway rolling-stock also form important branches of manufacturing production.

4.—Statistics of the Leading Industries of the Maritime Provinces, 1945

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
PRINCE EDWARD ISLAND						
	No.	No.	\$	\$	\$	\$
1 Fish curing and packing.....	68	597	382,901	2,794,782	738,556	3,566,949
2 Butter and cheese.....	29	145	148,269	1,717,924	323,051	2,069,968
3 Fruit and vegetable preparations..	5	181	173,987	678,157	434,990	1,143,137
4 Castings, iron.....	3	170	240,929	149,920	253,845	418,886
5 Sawmills.....	71	163	55,627	208,938	193,685	407,865
6 Bread and other bakery products.	12	85	72,225	164,443	137,179	312,333
7 Printing and publishing.....	4	125	135,586	43,652	202,752	254,060
8 Aerated waters.....	4	20	24,222	26,915	77,420	106,135
9 All other leading industries ¹	5	174	238,494	2,161,771	500,332	2,680,245
Totals, Leading Industries.	201	1,660	1,472,240	7,946,502	2,861,810	10,959,578
Totals, All Industries.....	234	1,851	1,679,212	8,242,949	3,178,434	11,592,753

4.—Statistics of the Leading Industries of the Maritime Provinces, 1945—concluded

Industry	Estab-lish-ments	Em-employees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
NOVA SCOTIA						
	No.	No.	\$	\$	\$	\$
1 Fish curing and packing.....	172	3,108	3,412,546	19,237,558	8,305,521	27,800,121
2 Shipbuilding.....	31	6,349	12,631,648	8,138,542	18,098,171	26,666,505
3 Primary iron and steel.....	6	5,421	9,985,430	13,123,112	8,799,121	24,418,793
4 Sawmills.....	564	2,956	2,226,527	6,605,700	4,700,732	11,395,270
5 Railway rolling-stock.....	3	1,172	2,161,294	6,193,013	3,720,573	10,160,615
6 Butter and cheese.....	27	556	710,650	4,293,478	1,677,806	6,081,739
7 Pulp and paper.....	5	724	1,480,349	2,396,777	2,500,424	5,838,613
8 Fruit and vegetable preparations.....	23	849	933,015	3,350,644	1,573,120	5,111,605
9 Bread and other bakery products.....	85	768	958,510	2,331,093	1,815,103	4,288,062
10 Biscuits, confectionery, cocoa, etc.....	8	772	931,388	1,954,632	1,646,675	3,655,225
11 Planing mills, sash and door fac-tories.....	38	625	853,477	2,024,747	1,084,603	3,161,967
12 Hosiery and knitted goods.....	4	803	855,370	1,508,278	1,501,459	3,065,046
13 Printing and publishing.....	33	777	1,195,337	507,924	2,459,921	3,020,757
14 Aerated waters.....	29	341	464,944	783,058	1,826,337	2,657,661
15 Clothing, men's, factory.....	6	474	466,747	1,186,539	860,039	2,060,490
16 All other leading industries ¹	8	2,898	5,379,169	22,077,723	11,140,765	34,912,095
Totals, Leading Industries.....	1,042	28,593	44,646,401	95,712,818	71,710,370	174,294,564
Totals, All Industries.....	1,297	33,423	51,703,245	107,860,539	84,358,189	199,775,177
NEW BRUNSWICK						
	No.	No.	\$	\$	\$	\$
1 Pulp and paper.....	6	3,272	6,426,543	17,882,030	14,104,900	35,684,065
2 Sawmills.....	342	2,901	2,887,204	8,653,165	5,888,461	14,640,642
3 Fish curing and packing.....	120	1,896	1,448,790	8,096,371	3,345,516	11,628,680
4 Foods, miscellaneous.....	8	407	543,947	7,306,992	1,415,922	8,740,673
5 Shipbuilding.....	3	1,597	3,513,100	828,028	6,073,610	7,032,809
6 Slaughtering and meat packing.....	3	331	509,269	3,920,564	1,216,853	5,168,867
7 Butter and cheese.....	35	388	491,608	3,522,757	1,025,127	4,637,373
8 Bread and other bakery products.....	77	711	874,321	1,917,124	1,623,368	3,661,843
9 Fertilizers.....	3	186	313,127	2,471,615	1,066,973	3,550,907
10 Planing mills, sash and door fac-tories.....	29	741	920,858	1,779,239	1,273,506	3,094,187
11 Biscuits, confectionery, cocoa, etc.....	8	600	667,205	1,270,662	1,421,962	2,741,230
12 Foods, stock and poultry.....	7	121	182,140	2,368,650	301,191	2,692,148
13 Heating and cooking apparatus.....	3	553	864,484	642,665	1,875,585	2,561,322
14 All other leading industries ¹	6	3,475	5,546,212	15,219,299	9,813,634	25,789,046
Totals, Leading Industries.....	650	17,179	25,188,808	75,879,161	50,446,608	131,623,792
Totals, All Industries.....	889	22,503	32,408,048	87,235,347	63,380,075	156,623,378

¹ Individual statistics cannot be given because there are fewer than three establishments in each industry. Such industries are: in Prince Edward Island: slaughtering and meat packing, planing mills, fertilizers, cotton and jute bags; in Nova Scotia: cotton yarn and cloth, aircraft, miscellaneous iron and steel products, wire, coke and gas, and petroleum; in New Brunswick: sugar refineries, railway rolling-stock, cotton yarn and cloth, silk and artificial silk goods and veneer and plywoods.

Section 2.—The Manufactures of Quebec, 1945

Among the assets of Quebec that have tended to develop manufacturing industries in the Province may be mentioned its natural resources of forests, water powers, minerals, and agricultural lands, and also its geographic position astride the St. Lawrence estuary permitting sea-going shipping to reach its main centres of population. Added to these natural advantages, there is a stable and industrious population, which is an important factor in industries such as textiles, clothing, boots and shoes, etc., where a large labour force is required.

The most notable change among the manufactures of Quebec in recent years has been the development of the non-ferrous metal smelting industry. This industry first appeared among the forty leading industries of the Province in nineteenth place in 1927. It has been in second place since 1935, with the exception of 1942 when it was in first place.

Quebec, with about 31 p.c. of the Dominion output in 1945, was the second largest manufacturing province. The production of pulp and paper again occupied the premier position which was held during 1943 and 1944 by miscellaneous chemical products and non-ferrous metal smelting and refining. In addition to accounting for about 8 p.c. of the gross value of Quebec manufactures in 1945, the pulp and paper industry furnished about 50 p.c. of the Dominion total for this industry. The value of tobacco products totalled approximately 89 p.c., cotton yarn and cloth 74 p.c., women's factory clothing 67 p.c., leather boots and shoes 66 p.c., men's factory clothing 60 p.c. and railway rolling-stock 53 p.c. of the Dominion totals of these products. Quebec is thus an outstanding manufacturing province by reason of her large individual industries and not so much on account of a great diversification of manufacturing activity.

5.—Statistics of the Leading Industries of the Province of Quebec, 1945

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1 Pulp and paper.....	49	19,824	38,934,914	88,056,690	89,884,983	199,172,142
2 Non-ferrous metal smelting and refining.....	8	6,234	12,519,068	79,769,166	40,186,056	131,570,344
3 Clothing, women's, factory.....	611	18,427	25,225,844	53,483,921	46,727,353	100,420,371
4 Miscellaneous chemicals.....	76	19,105	33,331,370	37,866,981	58,450,107	98,958,463
5 Railway rolling-stock.....	10	14,833	31,086,860	43,102,775	50,109,205	95,360,595
6 Cotton yarn and cloth.....	16	14,905	19,525,386	50,835,478	32,045,805	85,187,647
7 Clothing, men's, factory.....	266	14,848	19,433,697	47,483,461	35,539,364	83,252,216
8 Aircraft.....	16	17,354	38,322,958	22,070,104	54,231,615	77,090,671
9 Slaughtering and meat packing.....	32	3,361	5,755,421	65,206,046	10,252,087	75,983,490
10 Tobacco, cigars and cigarettes.....	46	9,243	12,110,295	39,448,456	33,463,931	73,166,256
11 Electrical apparatus and supplies.....	43	12,069	21,625,846	26,311,135	35,794,701	62,741,255
12 Shipbuilding.....	12	15,496	33,507,488	27,222,759	34,527,563	62,564,711
13 Iron and steel products, mis.....	58	5,872	12,467,016	32,758,441	27,545,716	61,036,164
14 Butter and cheese.....	1,012	4,446	5,222,713	47,498,415	9,346,309	57,915,964
15 Sawmills.....	1,873	10,774	10,147,205	34,122,053	21,627,572	56,109,217
16 Boots and shoes, leather.....	167	13,401	15,674,940	30,689,894	24,787,696	55,727,621
17 Petroleum products.....	7	1,298	2,650,621	41,891,685	7,093,945	51,235,894
18 Machinery.....	45	7,609	13,180,813	15,078,724	29,909,222	45,613,301
19 Silk and artificial silk goods.....	24	7,926	10,392,527	13,697,721	22,088,169	36,835,222
20 Brass and copper products.....	40	3,932	7,370,937	19,710,899	14,618,228	35,097,505
21 Hosiery and knitted goods.....	83	9,370	10,768,100	16,077,442	18,335,210	34,877,258
22 Bread and other bakery products.....	1,051	7,621	9,802,309	16,012,070	16,380,770	33,568,292
23 Primary iron and steel.....	16	5,745	11,348,835	10,301,898	20,137,409	32,797,360
24 Breweries.....	8	2,979	6,049,955	7,532,493	21,543,061	29,619,718
25 Sheet metal products.....	40	5,394	8,570,744	14,314,718	13,176,142	27,838,520
26 Rubber goods, including footwear.....	17	6,074	8,016,565	13,671,606	13,131,313	27,277,995
27 Medicinal and pharmaceutical preparations.....	84	3,620	5,839,515	10,620,892	14,797,689	25,659,846
28 Foods, miscellaneous.....	72	1,531	2,268,911	15,990,458	8,514,084	24,714,359
29 Sugar refineries.....	3	772	1,422,668	18,998,103	4,494,433	24,017,311
30 Fur goods.....	241	2,729	4,231,779	17,046,775	6,759,955	23,863,379
31 Flour and feed mills.....	165	1,022	1,712,994	18,530,177	4,877,189	23,627,541
32 Hardware, tools and cutlery.....	53	4,528	7,622,391	6,168,962	16,412,654	22,957,221
33 Biscuits, confectionery, cocoa, etc.....	62	3,548	4,144,199	12,191,934	9,352,696	21,868,339
34 Printing and publishing.....	75	4,857	8,639,592	4,822,726	16,614,913	21,643,692
35 Foods, stock and poultry.....	53	714	1,131,171	18,619,369	2,512,025	21,260,565
36 Castings, iron.....	53	4,011	7,375,449	9,430,299	10,815,596	20,728,506
37 Furniture.....	198	5,241	7,064,666	9,475,452	10,873,851	20,596,930
38 Acids, alkalies, salts, etc.....	10	2,516	4,881,888	9,021,273	7,728,275	20,228,837
39 Distilleries.....	7	1,414	2,483,303	8,624,499	10,778,725	19,928,203
40 Planing mills, sash and door fac- tories.....	422	3,763	4,511,047	11,880,707	7,064,990	19,196,818
Totals, Leading Industries.....	7,124	298,406	486,372,000	1,066,536,657	912,530,607	2,041,307,739
Totals, All Industries.....	10,038	384,031	607,473,443	1,307,534,193	1,149,390,919	2,531,903,830
Percentage of Leading Industries to All Industries.....	71.0	77.7	80.1	81.6	79.4	80.6

Section 3.—The Manufactures of Ontario, 1945

The gross value of the manufactured products of Ontario in 1945 represented about 48 p.c. of the total for the whole Dominion, while that of Quebec amounted to about 31 p.c. This premier position in manufacturing has been fairly uniformly maintained by Ontario, as the following percentages show: 1926, 52 p.c.; 1918, 53 p.c.; 1910, 50 p.c.; 1900, 50 p.c.; 1890, 51 p.c.; and 1880, 51 p.c. In spite of the rapid industrial development in recent years in other provinces, such as Quebec, British Columbia and Manitoba, Ontario is maintaining a manufacturing production roughly equal to that of the remainder of the Dominion.

The geographic position of Ontario on the Great Lakes waterway system, by means of which the iron ore of Minnesota and the coal of Pennsylvania are readily accessible; the wide range of natural resources of forests, minerals, water powers, and agriculture; a large population and excellent water and rail transportation facilities to other parts of the country, have all encouraged industrial development. Other factors have been proximity to one of the most densely populated sections of the United States and the establishment within the Province of branch factories of United States industries, as in automobile manufacturing.

Industries producing capital or durable goods, which constitute an important factor in the manufactures of Ontario, were particularly hard hit during the early years of the depression preceding the Second World War. Thus, production was disproportionately curtailed in such important industries as automobiles, electrical equipment, machinery, agricultural implements, primary iron and steel, etc. This resulted in a lowering of the manufacturing production of the whole Province relatively to that of other provinces less affected by these influences. With the recovery since 1933 and the expansion in production resulting from the Second World War these industries in general have made good recovery, and Ontario, which accounted for 49 p.c. of the gross value of all products manufactured in the Dominion in 1933, had by 1942 increased the relative value to 50·5 p.c. In 1945 the percentage dropped again to 48·2, thus indicating a relatively greater expansion of war production in other provinces.

Ontario also has the greatest diversification of manufacturing production of any province. Outstanding among the industries in which this Province is pre-eminent are those of automobiles, agricultural implements, starch, bicycles and carpet manufacture which are carried on practically in this Province alone. Other important industries in which Ontario leads, with the percentage which the production of each bears to that of the Dominion total, in 1945, are as follows: abrasives 89, leather tanneries 86, rubber goods 85, miscellaneous non-ferrous metal products 83, cordage, rope and twine 80, soaps and washing compounds 80, woollen yarn 76, salt 73, clay products from imported clay 72, electrical apparatus and supplies 71, primary iron and steel 68, aluminum products 67, toilet preparations 65, coke and gas products 62, iron castings 61, fruit and vegetable preparations 57, flour and feed mills 56, medicinal and pharmaceutical preparations 55, glass, and glass products 55, monumental and ornamental stone 54, acids, alkalies and salts 54, hosiery and knitted goods 54, and furniture 53.

6.—Principal Statistics of the Leading Industries of the Province of Ontario, 1945

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1 Automobiles.....	5	17,803	43,421,132	164,768,163	61,443,813	227,952,315
2 Aircraft.....	17	16,083	35,211,924	90,437,042	93,540,281	184,740,970
3 Electrical apparatus and supplies..	175	31,437	53,938,253	64,121,596	98,146,320	164,152,400
4 Non-ferrous metal smelting and refining.....	7	7,144	14,132,261	114,646,696	37,171,103	162,606,005
5 Rubber goods.....	32	17,361	30,998,159	64,808,212	85,584,164	153,979,169
6 Slaughtering and meat packing...	69	7,474	13,516,934	133,447,033	13,513,948	153,058,002
7 Primary iron and steel.....	27	17,007	34,447,216	61,499,625	57,614,863	129,796,623
8 Flour and feed mills.....	680	4,040	5,892,797	109,029,435	15,167,860	125,158,165
9 Automobile supplies.....	68	16,379	31,471,962	63,363,746	55,555,739	120,588,379
10 Pulp and paper.....	40	11,712	24,022,401	55,689,480	51,954,748	117,787,559
11 Butter and cheese.....	833	8,220	12,079,364	64,765,074	19,557,993	86,000,958
12 Machinery.....	173	15,142	28,577,522	24,840,303	52,454,696	78,262,192
13 Petroleum products.....	16	3,171	6,579,079	53,309,218	19,596,248	77,042,532
14 Miscellaneous chemical products...	127	8,558	13,743,360	41,366,218	27,542,260	69,969,765
15 Scientific and professional equip- ment.....	26	6,588	12,840,833	51,813,715	16,074,366	68,178,475
16 Miscellaneous iron and steel pro- ducts.....	95	11,631	23,287,643	28,701,894	36,589,155	66,508,082
17 Brass and copper products.....	97	8,412	16,639,815	32,223,202	32,479,493	65,912,656
18 Sheet metal products.....	108	9,888	16,115,354	35,750,876	27,760,209	64,397,424
19 Bread and other bakery products...	1,054	13,799	18,399,792	27,727,401	30,469,183	60,076,898
20 Fruit and vegetable preparations...	191	7,892	9,047,036	32,229,332	23,158,016	56,310,477
21 Agricultural implements.....	24	13,024	23,680,039	25,288,092	28,866,915	55,191,394
22 Hosiery and knitted goods.....	117	12,768	14,234,051	21,500,103	25,378,776	47,568,149
23 Castings and forgings.....	92	9,214	17,539,349	17,599,975	27,437,780	46,738,836
24 Biscuits, confectionery, cocoa, etc.	87	7,411	9,762,375	22,085,406	23,857,323	46,518,405
25 Railway rolling-stock.....	15	6,304	12,947,173	22,250,327	23,274,252	46,397,923
26 Printing and publishing.....	294	8,804	16,564,221	9,939,944	33,571,462	43,925,917
27 Hardware tools and cutlery.....	168	9,886	17,622,553	13,220,715	29,552,615	43,647,260
28 Miscellaneous foods.....	114	3,465	4,792,958	28,923,974	13,320,935	42,482,190
29 Coke and gas products.....	18	2,970	5,388,380	25,086,610	14,043,783	42,190,328
30 Clothing, men's, factory.....	123	9,100	13,703,320	22,607,116	19,438,312	42,185,312
31 Leather tanneries.....	28	3,969	6,682,250	25,712,180	14,068,628	40,531,336
32 Clothing, women's, factory.....	312	7,574	11,759,063	19,344,356	19,226,257	38,670,506
33 Tobacco processing and packing...	9	1,187	1,593,870	33,465,844	4,430,880	37,975,292
34 Acids, alkalis and salts.....	20	3,811	7,922,574	10,935,622	20,694,168	36,546,373
35 Printing and bookbinding.....	574	8,872	13,365,898	14,585,227	21,470,213	38,375,677
36 Miscellaneous paper products.....	100	4,594	6,984,798	18,826,138	15,467,600	34,652,290
37 Boxes and bags, paper.....	82	6,046	8,262,337	18,540,730	15,024,873	33,836,895
38 Medicinal and pharmaceutical preparations.....	103	4,469	6,559,875	11,673,889	21,060,316	32,891,737
39 Breweries.....	21	2,319	5,058,111	6,734,118	25,271,814	32,413,856
40 Furniture.....	241	8,512	12,166,620	12,666,503	17,866,644	31,004,250
Totals, Leading Industries.....	6,382	374,040	660,952,652	1,695,525,130	1,273,498,004	3,044,232,968
Totals, All Industries.....	10,869	518,056	882,483,387	2,148,290,603	1,720,938,199	3,965,069,021
Percentage of Leading Industries to All Industries.....	58.7	72.2	74.9	78.9	74.0	76.8

Section 4.—The Manufactures of the Prairie Provinces, 1945

The leading industries of these Provinces are those based on their agricultural resources—their grain-growing, cattle-raising, and dairying areas. Next in importance, generally, are industries providing for the more necessary needs of the resident population, such as the baking of bread, printing and publishing, etc. The extensive railway services require large shops for the maintenance of rolling-stock, especially in the Winnipeg area. The widespread use of motor-vehicles and power machinery on farms has given rise to petroleum refineries in each province. The greatly increased production of crude petroleum in Alberta seems likely to lead to further development of the refining industry. Manitoba, as the early commercial centre of

the prairies, has had a greater industrial development than either of the other provinces. Its natural resources of accessible water powers, forests, and, more recently, minerals, have given rise to quite a diversification of industrial production.

Considering the Prairie Provinces as an economic unit, slaughtering and meat packing had the largest gross value of production in 1945, amounting to \$240,746,043, followed by flour and feed mills with \$74,977,845, butter and cheese \$52,918,011 and petroleum products \$39,976,131. These four industries accounted for about 54 p.c. of the total production of the Prairie Provinces. Other leading industries, in the order named, were: railway rolling-stock, breweries, miscellaneous foods, bread and other bakery products, sawmills, etc.

7.—Statistics of the Leading Industries of the Prairie Provinces, 1945

	Industry	Estab-lish-ments	Em-ployees	Salaries and Wages	Cost of Materials Used	Net Value of Products	Gross Value of Products
		MANITOBA					
		No.	No.		\$	\$	\$
1	Slaughtering and meat packing....	12	4,640	7,799,077	84,423,302	19,900,428	104,751,650
2	Flour and feed mills.....	37	764	1,084,221	20,127,079	3,629,208	23,952,504
3	Railway rolling-stock.....	4	5,200	9,960,933	9,795,612	10,110,896	20,379,116
4	Butter and cheese.....	92	1,543	2,301,275	12,214,807	4,329,985	16,833,508
5	Foods, miscellaneous.....	19	502	624,935	9,248,367	2,105,550	11,394,156
6	Clothing, factory, men's.....	35	1,889	2,029,005	4,699,234	3,162,603	7,896,712
7	Clothing, factory, women's.....	34	1,345	1,744,803	4,524,977	2,963,871	7,512,673
8	Miscellaneous chemical products..	7	1,284	2,632,729	3,653,992	2,769,213	6,925,406
9	Bags, cotton and jute.....	5	264	377,422	5,944,550	908,411	6,870,703
10	Breweries.....	6	557	1,026,937	1,533,936	4,934,458	6,591,924
11	Bread and other bakery products.	126	1,396	1,860,956	3,058,278	3,156,055	6,426,935
12	Biscuits, confectionery, cocoa, etc.	14	857	995,107	2,383,458	3,290,457	5,752,354
13	Printing and publishing.....	78	1,065	1,758,393	877,247	3,861,442	4,803,112
14	Printing and bookbinding.....	80	1,302	1,922,438	1,560,181	2,930,893	4,546,041
15	Fur goods.....	53	649	910,834	2,775,648	1,635,167	4,421,638
16	All other leading industries ¹	5	790	1,704,392	9,364,733	6,259,450	16,411,069
	Totals, Leading Industries.	607	24,047	38,733,457	176,185,401	75,948,087	255,469,501
	Totals, All Industries.....	1,302	38,367	59,814,109	216,114,576	117,775,126	339,821,283
		SASKATCHEWAN					
1	Slaughtering and meat packing...	8	2,112	3,529,583	36,496,842	7,048,016	43,802,202
2	Flour and feed mills.....	37	677	1,169,592	23,731,994	2,324,970	26,429,338
3	Butter and cheese.....	71	1,471	1,883,670	14,420,001	4,044,347	18,730,712
4	Petroleum products.....	7	553	1,088,958	13,718,277	3,624,929	18,172,753
5	Foods, miscellaneous.....	6	239	260,567	4,601,065	860,704	5,487,136
6	Breweries.....	5	318	554,977	843,061	4,067,952	5,007,391
7	Bread and other bakery products.	84	906	1,106,127	2,431,679	2,145,676	4,700,737
8	Sawmills.....	385	1,463	1,034,337	2,020,924	2,504,984	4,632,856
9	Printing and publishing.....	107	836	1,368,326	624,409	2,488,478	3,171,736
10	Feeds, stock and poultry.....	8	98	162,373	1,422,500	209,445	1,656,427
11	Planing mills, sash and door fac- tories.....	19	283	380,003	696,802	611,358	1,336,741
12	All other leading industries ¹	4	1,041	2,023,418	21,855,704	3,948,385	26,537,311
	Totals, Leading Industries.	741	9,997	14,561,931	122,863,258	33,879,244	159,665,340
	Totals, All Industries.....	926	11,617	16,905,606	126,279,202	38,275,127	167,688,133
		ALBERTA					
1	Slaughtering and meat packing...	11	3,927	6,473,278	76,868,818	14,938,754	92,192,191
2	Flour and feed mills.....	75	939	1,407,098	20,434,359	3,935,586	24,596,003
3	Petroleum products.....	4	558	1,099,153	12,000,140	5,354,572	17,902,009
4	Butter and cheese.....	106	1,469	2,017,574	13,259,157	3,849,021	17,353,791

For footnote, see end of table.

7.—Statistics of the Leading Industries of the Prairie Provinces, 1945—concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials Used	Net Value of Products	Gross Value of Products
ALBERTA—concluded						
	No.	No.	\$	\$	\$	\$
5 Breweries.....	5	449	871,060	1,643,017	7,358,453	9,075,310
6 Bread and other bakery products.	117	1,240	1,637,333	3,390,910	3,503,103	7,014,952
7 Sawmills.....	327	1,893	1,716,502	3,078,720	3,507,757	6,729,682
8 Planing mills.....	43	742	1,031,133	2,881,729	1,650,573	4,578,586
9 Railway rolling-stock.....	3	1,304	2,475,081	1,917,389	2,426,569	4,511,641
10 Printing and publishing.....	82	826	1,409,010	625,817	3,161,283	3,832,664
11 Foods, miscellaneous.....	13	139	167,776	3,069,481	670,093	3,746,913
12 Feeds, stock and poultry.....	22	186	270,796	2,340,233	536,806	2,909,675
13 Glass products.....	3	406	617,043	1,162,388	1,364,426	2,594,208
14 Clothing, men's, factory.....	7	533	725,731	1,486,494	950,268	2,445,136
15 Castings, iron.....	10	565	885,863	739,076	1,243,521	2,021,031
16 Fruit and vegetable preparations.	7	263	263,387	1,117,660	876,352	2,014,155
17 Printing and publishing.....	52	474	757,596	473,294	1,105,366	1,598,986
18 Boxes, wooden.....	6	287	411,463	790,585	641,070	1,446,674
19 Clay products from domestic clay	11	553	652,042	34,694	1,333,255	1,401,875
20 Aerated and mineral waters.....	18	173	286,306	412,802	751,605	1,189,871
21 All other leading industries ¹	11	1,822	3,466,480	11,597,065	11,528,030	24,070,216
Totals, Leading Industries.	933	18,748	28,641,705	159,323,828	70,686,463	233,225,569
Totals, All Industries.....	1,157	21,486	32,760,326	166,198,136	78,547,626	248,287,504

¹ Other leading industries, individual statistics for which cannot be given because there are fewer than three establishments in each industry are: Manitoba, bridge and structural steel, non-ferrous metal smelting and refining and pulp and paper; Saskatchewan, non-ferrous metal smelting and refining, miscellaneous iron and steel products, bags, cotton and jute, and wood preservation; Alberta, cement, miscellaneous iron and steel products, wood preservation, malt and malt products, sugar refineries, acids, alkalies and salts, and cheese processed.

Section 5.—The Manufactures of British Columbia, 1945

British Columbia with a gross value of production of \$628,903,124 in 1945 was again the third most important manufacturing province in the Dominion. About 17 p.c. of this amount; viz., \$104,972,850 was contributed by the sawmilling industry. Shipbuilding with a value of production of \$82,125,280 was in second place. This industry, which occupied first place during the war years was an important factor in British Columbia's manufacturing operations. At the height of its productive effort in 1943 it employed 31,238 persons who were paid \$64,939,484 in salaries and wages, while the value of production reached the unprecedented figure of \$155,536,396. In spite of its decline, the shipbuilding industry in 1945 was still the largest employer of labour and also paid out the highest amount in salaries and wages. Emphasizing the importance of the forests in the industrial life of the Province, the sawmilling industry ranked first with a gross value of production of \$104,972,850, and the pulp and paper industry fourth with \$35,304,731. Third in importance was fish-curing and packing, based principally on the estuarial salmon fisheries. British Columbia accounted for 47 p.c. of the total production of this industry in Canada. Other important industries are: slaughtering and meat packing, fruit and vegetable preparations, petroleum products, fertilizers, butter and cheese, etc. The varied resources on the Pacific Coast have resulted in a wide diversification of its manufactures.

8.—Statistics of the Leading Industries of the Province of British Columbia, 1945

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials Used	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1 Sawmills.....	618	16,575	28,568,039	53,326,451	50,752,936	104,972,850
2 Shipbuilding and repairs.....	22	19,100	40,570,215	16,797,130	64,423,369	82,125,280
3 Fish curing and packing.....	72	3,561	5,175,141	27,621,020	15,781,146	43,837,973
4 Pulp and paper.....	7	4,125	8,851,835	13,480,370	19,383,228	35,304,731
5 Slaughtering and meat packing...	11	1,251	2,245,069	24,678,292	2,717,209	27,571,637
6 Fruit and vegetable preparations.	62	2,062	2,577,098	11,031,096	5,184,517	16,430,054
7 Petroleum products.....	6	443	908,994	13,172,999	2,558,482	16,230,791
8 Fertilizers.....	5	1,040	2,408,527	5,017,158	9,865,704	15,901,652
9 Butter and cheese.....	36	1,197	2,009,330	9,319,603	4,956,737	14,550,559
10 Bread and other bakery products.	251	2,511	3,605,911	5,775,977	6,333,006	12,425,547
11 Veneer and plywood.....	9	1,763	2,952,007	4,397,302	7,363,065	11,908,799
12 Machinery.....	29	2,929	4,232,331	4,008,595	7,780,233	11,888,930
13 Miscellaneous foods.....	30	628	741,764	9,292,791	2,204,782	11,542,986
14 Sheet metal products.....	17	910	1,656,997	5,747,829	3,583,027	9,416,240
15 Breweries.....	11	586	1,183,809	1,489,903	6,567,682	8,176,519
16 All other leading industries ¹	5	6,917	15,874,479	37,547,591	28,643,661	70,319,328
Totals, Leading Industries.	1,191	65,598	123,561,546	242,704,107	238,098,784	492,603,876
Totals, All Industries.....	2,326	87,974	160,419,133	305,759,836	307,954,519	628,903,124

¹ Includes: Aircraft, distilleries, non-ferrous metal smelting and sugar refining.

Section 6.—Manufacturing Industries in Urban Centres

The prosperity of most of the cities and towns of Canada, especially in the east, is intimately connected with their manufacturing industries, which provide employment for a large proportion of their gainfully occupied population. In the west the cities are more largely distributing centres, though manufactures are rapidly increasing there also.

Table 9, indicating the extent to which the manufacturing industries of Canada are concentrated in urban centres, shows by provinces the proportion of the gross manufacturing production contributed by cities and towns having a gross production of over \$1,000,000 each. In the more highly industrialized provinces of Ontario and Quebec such cities and towns in 1945 accounted for 89.9 p.c. and 91.5 p.c., respectively, of the totals for those provinces, while in the Maritime Provinces and British Columbia, where sawmilling, fish-packing, and dairying are leading industries, the proportions fell to 70.4 p.c. and 76.2 p.c., respectively. In the Prairie Provinces manufacturing is confined largely to a few urban centres.

**9.—Cities and Towns Each with a Gross Manufacturing Production of Over \$1,000,000.
Number of Establishments and Total Production in such Urban Centres as a
Percentage of the Grand Total, by Provinces, 1945**

NOTE.—Statistics published in this table are in some cases higher than the figures published in Table 12, since, in the table below are included statistics of towns with less than three establishments and production of over \$1,000,000 each. It was not possible to publish this information, except in summary form in Table 12 without disclosing the operations of individual establishments.

Province	Urban Centres with a Gross Production of over \$1,000,000 each	Establishments Reporting in Urban Centres Producing over \$1,000,000 each	Total Production in Urban Centres Producing over \$1,000,000 each	Total Production in each Province	Production in Urban Centres as a Percentage of Total Production in each Province
	No.	No.	\$	\$	p.c.
Prince Edward Island.....	2	53	5,876,714	11,592,753	50.7
Nova Scotia.....	19	375	142,432,709	199,775,177	71.3
New Brunswick.....	14	292	110,965,521	156,623,378	70.8
Quebec.....	105	5,546	2,316,864,733	2,531,903,830	91.5
Ontario.....	141	7,708	3,564,301,555	3,965,069,021	89.9
Manitoba.....	7	835	306,551,235	339,821,283	90.2
Saskatchewan.....	7	304	132,972,918	167,688,133	79.3
Alberta.....	7	485	210,617,900	248,287,504	84.8
British Columbia.....	16	1,545	479,114,856	628,903,124	76.2
Yukon and Northwest Territories...	—	—	—	704,663	—
Canada.....	318	17,143	7,269,698,111	8,250,368,566	88.1

**10.—Principal Statistics of the Manufacturing Industries of the Six Leading
Manufacturing Cities of Canada, 1933-45**

NOTE.—The dyeing, cleaning and laundry industry is included for the years prior to 1936.

City and Year	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$
Montreal.....1933	2,226	363,342,078	80,212	74,150,933	145,504,215	300,636,197
1935	2,346	382,332,791	94,612	89,934,540	201,022,033	383,547,972
1937	2,474	415,816,451	105,931	112,652,112	281,407,645	511,481,054
1939	2,501	423,234,648	105,315	114,602,118	254,188,246	483,246,583
1940	2,519	475,575,804	118,774	138,118,813	334,350,566	604,806,394
1941	2,669	556,538,023	147,917	187,239,445	444,557,884	803,685,931
1942	3,007	629,809,985	169,987	240,888,491	541,625,660	976,767,738
1943	2,992	721,223,427	194,643	307,922,631	665,209,935	1,184,114,458
1944	3,109	2	185,708	308,396,358	650,618,563	1,215,988,014
1945	3,404	2	181,679	304,247,761	600,919,272	1,144,175,108
Toronto.....1933	2,604	388,995,096	75,645	80,855,883	146,286,472	308,983,639
1935	2,689	386,898,652	86,226	97,144,947	190,370,255	385,883,455
1937	2,797	423,350,508	96,247	115,520,050	247,422,098	475,470,149
1939	2,885	447,009,768	98,702	122,553,435	240,532,281	482,532,331
1940	2,911	500,559,305	112,136	145,538,148	306,675,426	595,913,172
1941	3,045	554,317,600	133,099	184,267,132	391,328,916	756,923,939
1942	3,211	635,981,329	151,639	228,875,152	451,198,158	886,256,494
1943	3,238	647,907,281	156,459	259,307,913	481,504,056	961,923,997
1944	3,344	2	154,538	260,776,613	513,429,109	1,020,345,353
1945	3,482	2	146,335	244,055,112	496,204,721	961,736,716
Hamilton.....1933	469	171,625,714	21,524	21,523,337	35,672,272	83,530,255
1935	484	176,246,963	26,769	30,162,244	53,740,074	114,691,789
1937	479	182,730,036	32,616	40,255,040	83,978,873	170,651,205
1939	461	206,584,330	31,512	39,563,423	70,829,034	152,746,340
1940	474	230,821,923	39,081	54,139,253	106,595,186	212,587,274
1941	491	255,862,917	45,421	72,845,604	136,403,197	283,670,019
1942	482	273,212,977	50,744	85,111,817	166,078,144	347,752,196
1943	485	315,896,136	54,671	95,576,332	164,271,139	362,743,019
1944	480	2	53,500	94,982,915	171,117,467	363,033,672
1945	482	2	50,520	89,639,262	166,349,884	351,676,308

For footnotes, see end of table, p. 88.

10.—Principal Statistics of the Manufacturing Industries of the Six Leading Manufacturing Cities of Canada, 1933-45—concluded

City and Year		Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
		No.	\$	No.	\$	\$	\$
Windsor.....	1933	247	66,398,372	10,212	10,719,819	25,752,258	49,359,245
	1935	236	64,298,564	15,227	20,714,545	64,062,711	104,908,197
	1937	228	77,750,511	18,650	26,919,449	78,667,058	136,896,194
	1939	222	80,436,233	17,729	25,938,890	63,907,106	122,474,320
	1940	215	102,896,682	20,916	37,260,970	112,991,063	194,174,159
	1941	223	138,929,934	29,486	57,653,986	175,847,231	289,027,790
	1942	233	206,556,146	37,057	76,276,589	240,384,518	383,323,348
	1943	229	206,850,571	38,516	85,965,874	247,504,385	417,745,229
	1944	231	2	35,912	80,667,573	232,102,240	387,603,874
	1945	241	2	28,826	63,515,050	167,675,110	280,743,622
Vancouver.....	1933	746	74,209,271	12,094	11,754,124	28,588,106	55,160,883
	1935	811	83,594,899	15,633	16,789,590	39,863,397	73,981,872
	1937	824	85,851,189	17,641	20,783,032	53,139,109	95,717,017
	1939	829	92,797,032	17,957	22,382,192	56,565,511	101,267,243
	1940	849	101,429,495	20,767	26,502,084	70,468,864	120,981,388
	1941	864	115,960,608	25,223	34,132,996	90,720,812	162,982,858
	1942	897	136,336,017	37,858	60,779,827	116,153,100	223,295,187
	1943	898	193,795,910	45,971	81,059,815	130,442,455	288,196,900
	1944	933	2	43,473	79,141,407	142,416,371	289,390,718
	1945	992	2	37,599	66,144,015	137,118,244	265,034,773
Winnipeg.....	1933	600	73,886,398	15,336	15,155,537	28,355,612	50,287,280
	1935	616	71,837,683	16,649	17,568,803	36,825,174	67,217,042
	1937	622	72,419,041	17,284	19,687,511	45,498,865	80,108,696
	1939	648	73,255,368	17,571	20,717,273	44,873,043	81,024,272
	1940	657	79,684,791	19,026	22,673,057	56,496,847	98,266,933
	1941	677	105,406,381	23,831	30,169,726	73,427,543	127,913,351
	1942	692	113,297,399	27,768	38,191,886	88,897,218	156,332,353
	1943	688	100,511,565	24,898	35,807,283	106,485,838	174,523,234
	1944	686	2	25,870	38,824,299	119,917,745	198,169,626
	1945	716	2	26,205	40,115,513	117,453,819	197,523,922

¹ Net value is derived from gross value by deducting cost of materials, fuel, and electricity. For cost of fuel and electricity in 1945 see Table 12.

² Information not collected.

11.—Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, Grouped According to the Number of Employees per Establishment, 1945

GREATER MONTREAL

Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Under 5 employees.....	805	1,991	2,491,453	119,117	7,018,423	13,684,034
5 to 14 employees.....	1,099	9,577	13,251,669	500,215	31,208,099	58,639,653
15 " 49 ".....	1,087	29,772	43,727,582	1,492,126	96,690,050	180,168,647
50 " 99 ".....	329	23,096	33,659,082	1,290,884	72,390,027	136,956,648
100 " 199 ".....	166	22,762	34,929,665	2,545,449	114,768,171	196,027,402
200 " 499 ".....	106	33,125	53,820,555	6,878,216	108,983,790	229,087,396
500 and over.....	64	90,806	177,595,834	9,879,814	300,572,153	601,365,620
Totals.....	3,656	211,129	359,475,840	22,705,821	731,630,713	1,415,929,400

11.—Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, Grouped According to the Number of Employees per Establishment, 1945—con.

GREATER TORONTO

Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Under 5 employees.....	920	2,254	2,893,827	217,982	6,288,012	13,052,373
5 to 14 employees.....	1,138	9,921	14,716,675	598,927	26,530,705	53,931,307
15 " 49 ".....	1,000	26,386	41,607,453	1,526,874	85,222,321	165,379,845
50 " 99 ".....	314	21,568	34,364,882	1,455,364	78,827,839	149,530,503
100 " 199 ".....	153	21,539	35,058,787	1,816,632	85,985,595	161,746,964
200 " 499 ".....	101	30,654	53,014,134	2,863,580	85,105,570	184,773,139
500 and over.....	57	66,749	125,851,763	6,171,653	310,018,962	543,573,315
Totals.....	3,683	179,071	307,507,521	14,651,012	677,979,004	1,271,987,446

GREATER HAMILTON

Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Under 5 employees.....	137	339	396,414	34,460	842,225	1,520,175
5 to 14 employees.....	137	1,212	1,741,348	116,926	2,548,682	5,692,863
15 " 49 ".....	96	2,833	4,521,572	312,610	6,828,617	16,165,285
50 " 99 ".....	39	2,715	4,477,094	272,286	16,186,278	25,625,789
100 " 199 ".....	38	5,673	9,527,208	1,639,179	28,948,104	51,291,025
200 " 499 ".....	28	8,159	13,571,912	1,730,987	40,693,201	55,641,552
500 and over.....	21	29,784	55,618,987	7,536,063	70,945,014	196,992,519
Totals.....	496	50,715	89,854,535	11,642,511	166,992,121	352,929,208

GREATER WINDSOR

Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Under 5 employees.....	66	145	189,333	20,350	379,656	809,318
5 to 14 employees.....	64	545	784,401	47,012	1,587,789	2,954,345
15 " 49 ".....	53	1,557	2,982,390	152,286	6,862,581	13,272,732
50 " 99 ".....	23	1,690	3,355,806	177,179	5,686,250	12,396,662
100 " 199 ".....	18	2,483	4,624,966	337,074	8,490,268	19,300,334
200 " 499 ".....	17	5,135	9,974,216	1,401,798	15,973,634	38,154,913
500 and over.....	9	17,687	42,250,121	2,024,634	130,386,647	196,664,943
Totals.....	250	29,242	64,161,233	4,160,333	169,366,825	283,553,247

GREATER WINNIPEG

Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Under 5 employees.....	231	578	658,688	63,078	1,524,403	2,860,901
5 to 14 employees.....	224	1,890	2,532,277	161,038	6,121,825	10,877,319
15 " 49 ".....	198	5,313	7,181,180	475,894	24,639,034	39,351,957
50 " 99 ".....	73	5,069	7,236,211	452,913	24,794,120	40,728,072
100 " 199 ".....	38	5,211	7,851,235	1,212,716	23,602,353	43,983,991
200 " 499 ".....	17	4,841	8,312,386	494,759	27,703,964	47,298,531
500 and over.....	5	7,116	12,845,116	643,687	72,358,243	96,610,055
Totals.....	786	30,018	46,617,093	3,504,085	180,743,942	281,710,826

GREATER VANCOUVER

Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Under 5 employees.....	338	820	949,279	73,836	1,340,872	3,103,229
5 to 14 employees.....	365	3,098	4,564,632	227,841	8,074,939	16,266,492
15 " 49 ".....	276	7,286	11,864,507	719,503	27,663,760	49,868,499
50 " 99 ".....	86	5,834	10,107,382	627,420	28,891,025	51,052,439
100 " 199 ".....	55	7,558	12,879,218	612,856	32,475,444	60,564,171
200 " 499 ".....	29	9,746	17,439,669	1,437,884	53,538,660	93,883,098
500 and over.....	10	19,764	41,239,250	1,277,615	23,603,545	91,363,064
Totals.....	1,159	54,106	99,043,937	4,976,955	175,588,245	366,100,992

12.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1945

NOTE—Statistics for cities and towns with three or more establishments cannot be published when one establishment has 75 p.c. or two establishments 90 p.c. of the total production.

Province and Municipality	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products ¹
	No.	No.	\$	\$	\$	\$
Prince Edward Island—						
Charlottetown.....	34	606	752,076	61,698	2,337,535	3,617,229
Summerside.....	19	341	351,145	46,564	1,519,578	2,259,485
Nova Scotia—						
Amherst.....	26	1,615	2,529,656	205,078	2,015,486	6,203,636
Berwick.....	7	236	243,459	53,311	1,049,188	1,500,420
Dartmouth.....	13	217	309,673	39,190	709,053	1,412,611
Digby.....	9	256	295,494	14,239	744,915	1,166,836
Halifax.....	116	7,135	12,988,289	580,954	18,486,466	42,074,965
Kentville.....	9	249	283,544	55,703	855,591	1,375,243
Lockport.....	3	261	366,177	38,767	1,179,147	1,966,312
Lunenburg.....	14	710	1,215,327	82,478	2,498,790	4,464,846
Middleton.....	7	243	266,249	58,800	964,162	1,573,223
New Glasgow.....	25	709	1,146,384	120,247	757,320	2,339,949
North Sydney.....	12	345	502,610	27,161	1,820,412	3,158,839
Pictou.....	8	1,299	2,085,104	123,494	3,066,990	5,826,406
Sydney.....	42	6,125	11,186,166	3,133,271	17,620,091	34,272,316
Trenton.....	4	1,971	4,027,913	456,801	10,166,829	17,569,746
Truro.....	29	1,263	1,312,783	118,556	2,989,225	5,580,439
Windsor.....	10	318	333,024	31,584	1,490,145	2,132,463
Yarmouth.....	27	984	1,080,471	121,831	2,915,311	5,088,485
New Brunswick—						
Campbellton.....	13	363	548,615	41,970	530,404	1,282,581
Fredericton.....	27	691	874,834	84,742	2,521,184	4,203,434
Moncton.....	51	3,124	4,773,336	337,255	7,459,461	14,786,851
Newcastle.....	13	329	299,582	19,850	1,214,264	1,682,880
Sackville.....	8	555	847,185	42,149	722,783	2,422,662
Saint John.....	116	4,387	6,852,089	784,643	28,861,411	43,779,905
St. Stephen.....	14	532	666,717	66,692	1,659,774	3,262,550
Sussex.....	15	244	310,154	11,846	1,013,083	1,695,473
Quebec—						
Acton Vale.....	15	735	880,069	49,206	1,123,256	2,981,717
Asbestos.....	11	524	738,122	169,472	2,254,274	3,721,169
Beauharnois.....	12	1,384	2,564,509	872,451	3,896,694	9,663,734
Bedford.....	10	651	743,191	32,490	334,083	2,216,359
Berthier.....	16	728	829,859	141,479	1,831,667	4,110,642
Brownburg.....	6	1,091	1,921,666	70,628	1,830,720	4,854,902
Buckingham.....	13	935	1,589,016	617,079	4,192,854	9,062,895
Chamblé.....	5	305	339,307	3,423	744,733	1,569,250
Cap-de-la-Madeleine.....	20	1,662	2,301,524	203,518	4,372,389	10,429,926
Chambly Canton.....	6	432	606,404	68,381	804,763	1,855,636
Chicoutimi.....	23	357	454,143	34,442	764,223	1,616,350
Coaticook.....	23	935	1,020,625	73,070	2,772,597	4,884,548
Danville.....	11	166	193,762	66,623	698,721	1,030,970
Drummondville.....	31	6,768	8,933,747	1,066,289	11,206,342	31,847,944
Farnham.....	17	769	977,666	112,803	2,112,288	4,307,491
Granby.....	50	4,603	5,743,330	312,874	13,919,039	27,471,333
Grand Mère.....	19	2,035	2,688,749	908,209	6,289,667	14,768,594
Hull.....	49	3,652	5,635,139	1,076,130	13,993,515	23,824,148
Huntingdon.....	10	547	870,783	54,263	2,548,396	4,609,579
Iberville.....	17	257	317,532	27,962	566,951	1,314,657
Joliette.....	47	1,703	2,031,902	199,925	3,882,130	7,464,117
Jonquière.....	15	391	687,925	110,323	1,805,391	3,277,625
Lachine.....	39	6,667	12,813,587	779,985	16,233,146	46,745,543
La Pêrade (Ste. Anne de).....	10	265	280,303	67,124	1,635,249	2,195,239
La Prairie.....	21	642	911,951	393,059	580,299	2,653,743
La Salle.....	18	1,857	2,982,065	549,162	12,973,900	27,962,148
L'Assomption.....	11	235	286,358	13,207	869,221	1,288,773
Lennoxville.....	9	297	425,797	98,349	791,680	1,624,088
L'Epiphanie.....	15	357	364,265	15,927	376,957	1,059,732
Lévis.....	24	331	440,999	18,569	1,049,827	1,774,494
Longueuil.....	19	5,093	11,632,555	334,221	14,818,235	51,194,326
Loretteville.....	27	729	664,045	17,544	1,492,152	2,699,622
Louiseville.....	15	1,012	1,093,538	121,188	2,271,728	5,307,771
Marieville.....	18	628	622,733	35,239	1,755,692	3,127,814
Matane.....	12	295	323,207	4,043	991,418	1,834,386

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

12.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1945—continued

Province and Municipality	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products ¹
	No.	No.	\$	\$	\$	\$
Quebec—Concluded						
Mégantic (Lac).....	14	521	547,520	13,421	553,290	1,266,673
Montmagny.....	32	1,187	1,391,845	68,747	2,649,648	5,077,087
Montmorency.....	4	1,598	2,200,846	176,733	4,769,251	9,666,838
Montreal.....	3,404	181,679	304,247,761	15,603,977	600,919,272	1,144,175,108
Montreal East.....	19	3,471	6,688,091	4,376,454	90,552,525	115,317,019
Nicolet.....	12	424	410,129	15,707	755,902	1,830,278
Outremont.....	19	1,058	1,844,431	66,518	4,263,999	8,291,155
Plessisville.....	13	775	933,218	47,210	1,348,002	2,694,857
Pointe aux Trembles.....	9	353	470,652	33,251	1,179,352	1,946,931
Pont Rouge.....	10	268	308,118	147,514	1,542,906	3,035,160
Portneuf Station.....	10	169	223,926	50,448	768,192	1,113,214
Princeville.....	10	246	295,348	36,285	2,175,925	2,608,868
Quebec.....	333	17,547	25,272,950	2,759,042	38,938,542	79,981,114
Richmond.....	10	568	593,830	25,710	1,275,288	2,302,093
Rimouski.....	21	679	918,205	25,112	2,907,796	4,860,173
Rivière du Loup.....	19	391	580,762	80,609	442,240	1,199,827
Roberval.....	9	276	193,630	13,263	678,415	1,192,280
Rock Island.....	11	699	1,192,209	63,224	822,695	3,741,429
St. Césaire.....	28	335	398,953	20,506	739,416	1,302,987
St. Felicien.....	19	136	195,224	19,134	693,929	1,002,060
St. Georges Est.....	11	351	461,678	39,415	697,565	1,316,460
St. Hyacinthe.....	70	5,064	5,956,313	369,897	14,872,895	25,690,358
St. Jean.....	58	4,328	5,870,390	544,491	9,917,739	20,154,821
St. Jérôme (Terrebonne).....	37	3,787	4,552,470	331,695	9,650,331	18,161,900
St. Lambert.....	15	815	922,583	60,303	1,638,022	3,891,132
St. Laurent.....	16	2,473	4,186,512	243,703	6,895,633	12,561,677
Ste. Marie.....	16	352	382,932	18,009	774,756	1,250,262
St. Pie.....	12	186	203,341	14,893	704,179	1,065,775
St. Pierre.....	9	2,196	4,662,846	654,301	3,555,483	13,369,984
St. Rémi.....	12	324	328,799	27,387	1,204,395	2,057,802
Ste. Thérèse de Blainville.....	26	3,216	4,901,983	291,855	12,382,054	18,383,880
St. Tite.....	21	310	332,730	9,272	887,029	1,500,067
Sayabec (Saindon).....	6	170	206,779	3,094	1,332,521	1,707,791
Shawinigan Falls.....	41	5,220	9,488,193	5,772,619	20,862,010	48,276,743
Sherbrooke.....	87	8,050	11,226,070	786,069	19,096,732	42,572,728
Sorel.....	33	2,534	4,954,791	625,653	3,832,176	13,527,329
Terrebonne.....	17	577	824,270	27,036	1,305,407	2,691,947
Three Rivers.....	73	6,989	11,150,709	4,334,307	25,039,851	51,430,644
Trois Pistoles.....	11	111	155,075	8,963	888,333	1,229,662
Valleyfield.....	40	3,724	4,597,988	418,915	6,882,946	14,309,583
Verdun.....	33	1,873	2,844,493	65,609	3,487,754	5,818,792
Victoriaville.....	34	1,910	2,256,834	77,877	3,965,824	7,812,849
Warwick.....	12	314	411,993	44,596	1,146,223	2,010,738
Waterloo.....	16	776	948,759	68,991	1,345,783	3,315,113
Westmount.....	14	1,753	3,102,986	219,739	4,447,834	10,713,687
Windsor (Mills).....	8	826	1,368,385	544,708	3,554,508	6,946,436
Ontario—						
Acton.....	17	1,012	1,334,129	167,595	5,972,891	8,917,214
Almonte.....	12	357	444,722	53,543	1,875,525	2,820,854
Amherstburg.....	10	682	1,268,089	1,040,272	2,117,199	9,093,453
Amprior.....	16	477	646,811	64,844	1,468,546	2,877,445
Aurora.....	8	465	682,937	42,627	2,680,914	4,595,987
Aylmer (West).....	13	246	301,403	67,479	2,794,913	3,462,020
Barrie.....	16	544	776,846	64,020	3,758,078	5,171,792
Belleville.....	43	2,115	3,031,234	419,561	3,870,978	9,980,857
Bowmanville.....	13	913	1,463,781	133,015	3,044,983	6,523,039
Brampton.....	22	942	1,509,602	59,172	2,641,010	5,006,914
Brantford.....	123	12,245	19,812,302	1,101,805	27,093,154	58,688,808
Brockville.....	35	1,524	2,222,095	217,377	9,351,539	14,477,197
Burlington.....	9	344	497,524	53,481	1,926,283	3,001,392
Cache Bay.....	3	122	189,530	859	828,887	1,178,350
Caledonia.....	10	260	422,398	122,151	1,275,270	2,378,616
Campbellford.....	14	359	397,576	40,774	1,667,128	2,523,268
Carleton Place.....	10	858	1,132,903	86,727	1,842,835	3,582,564
Chatham.....	57	2,555	4,235,918	539,082	22,371,258	31,031,099
Chesley.....	12	973	1,742,392	62,659	1,627,827	4,123,152
Cobourg.....	24	634	916,548	114,739	2,098,927	4,053,243
Collingwood.....	17	1,331	2,220,978	72,102	1,698,341	5,046,720
Cornwall.....	47	5,789	8,557,896	1,913,927	12,959,131	30,317,955
Dryden.....	12	506	806,257	232,399	1,652,335	3,354,361

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

12.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1945—continued

Province and Municipality	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products ¹
	No.	No.	\$	\$	\$	\$
Ontario—Continued						
Dundas.....	23	863	1,236,261	53,539	1,309,856	3,601,760
Dunnville.....	20	757	1,004,506	69,006	2,261,997	4,149,387
Eastview.....	11	313	493,142	71,975	3,180,712	4,199,712
Elmira.....	19	502	792,369	72,731	2,011,152	3,906,405
Elora.....	7	310	449,146	19,608	460,315	1,059,856
Essex.....	10	316	367,795	39,040	791,007	1,471,898
Exeter.....	6	116	168,400	27,821	565,348	1,008,333
Fergus.....	12	809	1,406,498	70,154	2,207,807	3,913,341
Forest.....	10	202	244,375	31,136	764,097	1,300,648
Fort Erie.....	14	1,626	3,550,192	72,303	3,455,341	6,795,551
Fort William.....	45	5,690	11,375,159	1,467,932	13,647,340	28,592,228
Frankford.....	7	298	688,138	35,255	636,013	2,015,888
Galt.....	76	5,530	8,201,917	505,419	10,265,781	24,003,738
Gananoque.....	14	790	1,226,145	136,650	2,085,800	4,158,046
Georgetown.....	14	710	1,102,106	150,803	2,323,030	4,347,336
Goderich.....	15	464	629,542	196,417	5,676,008	7,622,857
Gravenhurst.....	8	382	519,634	14,255	896,934	1,936,487
Grimsby.....	14	442	534,786	35,163	807,738	1,770,182
Guelph.....	90	5,381	8,144,122	560,253	14,110,763	29,716,709
Hagersville.....	5	97	144,569	40,085	779,177	1,628,257
Hamilton.....	482	50,520	89,639,292	11,611,077	166,349,884	351,676,308
Hanover.....	17	974	1,263,564	49,196	2,162,152	4,035,850
Hespeler.....	13	1,472	2,022,050	180,513	4,579,923	7,953,798
Humberstone.....	11	628	962,517	64,542	5,501,690	8,159,448
Huntsville.....	16	430	580,831	55,200	2,875,592	4,371,412
Ingersoll.....	19	1,292	2,109,242	143,136	4,679,853	8,617,812
Kincardine.....	12	587	592,630	40,344	1,026,359	2,301,624
Kingston.....	49	5,630	9,818,107	847,491	14,489,444	34,209,137
Kingsville.....	12	275	372,605	28,136	6,077,606	6,765,597
Kitchener.....	156	13,344	20,807,035	1,107,018	52,644,963	97,598,675
Leamington.....	12	1,177	1,428,989	185,055	10,315,970	17,971,086
Leaside.....	47	9,963	19,583,457	527,166	63,106,280	89,888,595
Lindsay.....	29	1,204	2,136,191	247,601	2,983,359	5,248,641
Listowel.....	16	376	430,797	74,350	1,728,394	3,292,948
London.....	240	13,733	21,702,351	1,215,427	35,743,711	82,455,267
Long Branch.....	16	2,096	4,226,787	151,465	2,761,573	9,462,591
Lucknow.....	11	79	89,392	15,680	857,346	1,157,585
Meaford.....	15	314	388,761	29,103	813,943	1,485,059
Merrittton.....	13	1,985	3,819,586	617,323	7,843,810	14,901,066
Midland.....	15	939	1,526,303	72,005	3,611,309	6,630,430
Milton.....	13	435	642,229	189,520	862,004	2,864,414
Mimico.....	18	394	781,159	48,874	827,136	2,170,924
Napanee.....	14	334	425,708	59,662	647,233	1,554,972
New Hamburg.....	12	238	282,159	21,967	760,991	1,236,517
New Liskeard.....	15	656	860,816	28,810	1,219,402	2,470,944
Newmarket.....	13	795	1,162,259	95,293	2,625,408	5,477,993
New Toronto.....	27	7,084	13,801,122	1,206,780	40,712,600	79,982,588
Niagara Falls.....	62	6,325	11,074,098	4,226,445	18,836,600	51,428,530
North Bay.....	21	399	596,299	53,112	1,057,454	2,245,859
Oakville.....	23	743	1,124,947	75,709	2,193,062	4,761,137
Orangeville.....	14	235	252,530	17,745	886,287	1,458,892
Orillia.....	36	2,168	3,283,650	181,815	3,064,120	9,429,210
Oshawa.....	51	7,962	16,174,863	874,655	54,077,488	80,262,272
Ottawa.....	203	9,413	15,029,886	1,003,197	21,249,504	50,362,303
Owen Sound.....	45	2,750	4,055,336	224,164	4,631,753	11,854,796
Paris.....	20	1,076	1,337,523	95,037	3,094,706	5,985,526
Pembroke.....	37	1,234	1,456,872	72,287	2,119,616	5,155,012
Penetanguishene.....	13	472	629,498	27,325	664,916	1,998,936
Perth.....	19	912	1,321,057	69,083	2,652,755	5,582,987
Peterborough.....	85	8,625	14,254,180	828,689	43,089,924	67,960,755
Port Arthur.....	37	2,797	5,468,094	1,062,677	6,495,464	16,630,934
Port Colborne.....	22	2,747	5,074,938	2,330,612	71,926,041	103,794,157
Port Hope.....	20	868	1,479,419	125,775	1,635,859	4,673,028
Prescott.....	15	894	1,135,570	32,135	946,106	2,561,527
Preston.....	31	2,492	3,760,881	182,037	5,668,374	12,256,383
Renfrew.....	23	1,020	1,448,441	113,498	2,837,053	5,801,114
Ridgetown.....	10	213	266,177	13,793	559,896	1,206,816
St. Catharines.....	94	9,351	16,630,392	1,003,074	32,277,338	61,830,037
St. Mary's.....	20	539	780,146	500,067	2,320,491	4,472,907
St. Thomas.....	37	1,422	2,031,562	124,850	3,767,659	7,446,490
Sarnia.....	43	6,297	12,760,287	5,217,496	47,868,020	88,985,552

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

12.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1945—concluded

Province and Municipality	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products ¹
	No.	No.	\$	\$	\$	\$
Ontario—Concluded						
Sault Ste. Marie.....	48	5,790	11,655,554	3,870,954	29,842,310	56,360,015
Seaforth.....	12	229	309,271	25,262	1,679,650	2,281,069
Simcoe.....	26	1,355	1,858,212	146,724	8,948,607	13,644,835
Smith's Falls.....	20	1,244	1,885,719	88,261	2,515,088	4,473,772
Southampton.....	5	327	507,088	22,055	695,014	1,563,446
Stratford.....	57	3,507	5,638,088	269,212	8,555,388	16,796,212
Strathroy.....	20	613	704,505	34,962	1,910,625	3,415,563
Streetsville.....	10	135	208,473	33,552	1,802,896	2,175,954
Sudbury.....	39	792	1,144,142	94,980	2,866,887	5,097,409
Swansea.....	6	606	1,020,180	133,415	1,299,112	3,676,245
Tavistock.....	13	225	263,258	24,334	1,634,207	2,204,776
Thorold.....	21	1,713	3,682,705	2,028,980	9,094,134	18,559,503
Tillsonburg.....	19	595	880,303	96,771	5,533,591	7,842,275
Timmins.....	24	454	579,775	49,479	1,093,680	2,378,717
Toronto.....	3,482	146,335	244,055,112	11,765,313	496,204,721	961,736,716
Trenton.....	22	1,568	1,997,560	311,534	11,617,385	16,113,465
Walkerton.....	15	439	519,020	21,329	784,429	1,635,782
Wallaceburg.....	20	2,514	3,901,127	649,850	5,530,424	12,677,040
Waterloo.....	48	2,578	4,083,187	245,812	6,368,609	16,929,728
Welland.....	51	8,518	15,726,147	3,731,515	27,616,432	64,345,427
Wellington.....	9	164	167,218	37,178	703,706	1,180,766
West Lorne.....	8	206	282,306	12,099	1,251,062	2,101,095
Weston.....	29	3,180	5,767,144	231,596	9,136,460	16,094,347
Whitby.....	14	397	504,117	32,745	954,689	1,691,108
Windsor.....	241	28,826	63,515,050	4,053,119	167,675,110	280,743,622
Wingham.....	12	310	404,574	29,923	1,395,614	2,226,285
Woodbridge.....	6	178	261,184	79,859	230,112	1,029,217
Woodstock.....	59	3,476	5,102,258	316,229	10,597,200	21,217,536
Manitoba—						
Brandon.....	30	683	957,352	118,132	5,360,718	7,220,847
Portage La Prairie.....	13	185	189,130	17,597	648,987	1,022,351
St. Boniface.....	55	3,453	5,950,529	478,351	61,805,269	80,034,359
Selkirk.....	8	634	1,041,518	301,615	1,050,641	2,931,653
The Pas.....	7	155	246,832	5,649	376,560	1,179,737
Transcona.....	6	3,278	6,450,408	748,869	9,163,025	16,638,366
Winnipeg.....	716	26,206	40,115,513	2,530,202	117,453,819	197,523,922
Saskatchewan—						
Melville.....	9	65	74,217	25,925	1,365,179	1,538,689
Moose Jaw.....	42	1,625	2,680,991	440,423	29,301,227	34,587,925
Prince Albert.....	32	1,132	1,665,207	156,450	11,102,700	15,239,233
Regina.....	108	3,150	5,278,125	976,595	26,482,645	39,912,106
Saskatoon.....	86	2,319	3,575,178	425,169	29,877,533	39,048,802
Swift Current.....	14	153	205,646	28,073	979,227	1,406,878
Yorkton.....	13	169	215,032	30,995	842,344	1,239,285
Alberta—						
Calgary.....	216	6,673	11,082,003	1,697,775	56,066,787	87,601,407
Edmonton.....	195	7,368	11,742,160	702,185	68,514,779	93,360,524
Lethbridge.....	30	717	1,037,697	88,890	3,477,238	7,866,855
Medicine Hat.....	25	1,087	1,476,802	90,480	10,390,061	13,619,427
Red Deer.....	12	105	159,833	27,892	1,213,969	1,669,585
British Columbia—						
Cranbrook.....	17	304	479,151	44,419	799,282	1,630,972
Kamloops.....	20	236	355,404	20,146	528,164	1,103,721
Kelowna.....	25	606	878,526	60,624	2,306,470	3,666,080
Mission.....	18	286	377,331	37,026	2,326,070	3,372,202
Nanaimo.....	26	483	767,730	41,570	778,511	2,668,660
Nelson.....	27	332	481,432	46,118	929,901	1,988,517
New Westminster.....	100	5,209	9,160,477	567,860	23,866,512	44,563,011
Port Alberni.....	14	1,097	2,114,578	34,534	3,641,381	9,093,511
Port Moody.....	4	421	744,742	2,400	1,404,498	2,586,594
Prince George.....	47	356	509,131	48,136	798,003	1,858,476
Prince Rupert.....	25	1,294	2,651,675	153,754	5,217,934	9,788,217
Trail.....	17	4,284	9,482,238	5,214,477	28,938,912	58,130,359
Vancouver.....	992	37,599	66,144,015	3,443,141	137,118,244	265,034,773
Vernon.....	23	402	580,734	95,535	1,179,073	2,106,508
Victoria.....	163	5,010	9,048,679	497,943	11,741,067	26,389,895

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

13.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1945

County	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products ¹
	No.	No.	\$	\$	\$	\$
Prince Edward Island—						
Kings.....	63	472	323,462	33,434	1,568,517	2,262,961
Prince.....	86	624	508,064	62,342	3,512,784	4,625,424
Queens.....	85	755	847,686	75,594	3,161,648	4,704,368
Totals.....	234	1,851	1,679,212	171,370	8,242,949	11,592,753
Nova Scotia—						
Annapolis.....	42	523	604,866	93,289	1,812,346	3,156,212
Antigonish.....	23	139	109,814	8,427	378,841	586,662
Cape Breton North.....	20	376	523,728	29,734	1,917,123	3,332,930
Cape Breton South.....	80	6,507	11,705,835	3,165,743	18,655,924	36,349,991
Colchester.....	91	1,798	1,763,746	141,988	4,676,971	8,385,433
Cumberland.....	90	2,312	3,298,964	275,193	3,843,443	9,534,559
Digby.....	88	1,042	1,063,772	56,965	2,457,267	4,221,222
Guysborough.....	43	379	290,880	21,194	1,003,970	1,628,497
Halifax.....	200	8,351	14,979,671	1,471,974	34,378,032	62,586,156
Hants.....	61	867	895,553	116,499	2,712,280	4,507,628
Inverness.....	62	317	203,213	12,683	911,364	1,310,128
Kings.....	73	925	927,782	162,670	3,882,216	5,636,586
Lunenburg.....	130	1,856	2,552,217	132,704	4,430,131	9,505,553
Pictou.....	94	4,361	7,623,523	754,461	15,618,165	28,104,375
Queens.....	25	1,596	3,085,099	918,382	3,227,672	8,711,230
Richmond.....	20	79	30,361	1,880	102,206	174,770
Shelburne.....	62	605	702,678	56,670	2,552,031	3,968,941
Victoria.....	28	152	97,857	6,608	372,106	624,724
Yarmouth.....	65	1,238	1,243,686	129,385	4,928,451	7,449,580
Totals.....	1,297	33,423	51,703,245	7,556,449	107,860,539	199,775,177
New Brunswick—						
Albert.....	21	193	216,216	36,403	956,743	1,770,092
Carleton.....	49	562	610,149	63,597	1,578,923	2,614,935
Charlotte.....	62	1,965	2,285,379	234,731	7,598,182	13,230,859
Gloucester.....	83	1,719	2,333,910	767,650	6,745,954	11,804,972
Kent.....	49	429	248,154	13,384	1,261,304	1,770,277
Kings.....	52	416	476,165	23,626	1,745,616	2,801,636
Madawaska.....	46	1,046	1,839,140	825,679	5,433,704	10,858,728
Northumberland.....	70	951	893,104	34,939	2,689,302	4,370,386
Queens.....	19	188	271,151	56,763	788,726	1,316,115
Restigouche.....	51	1,956	3,502,100	2,027,277	9,204,473	18,958,697
St. John.....	142	6,763	11,191,412	1,240,624	33,342,476	56,536,018
Sunbury.....	8	20	9,715	1,263	33,697	55,286
Victoria.....	27	457	487,796	39,445	1,230,932	2,227,960
Westmorland.....	133	4,350	6,246,236	446,280	10,039,819	20,289,578
York.....	77	1,488	1,797,421	190,295	4,585,496	8,017,839
Totals.....	889	22,503	32,408,048	6,007,956	87,235,347	156,623,378
Quebec—						
Abitibi.....	175	1,002	1,075,927	74,130	3,336,108	5,584,025
Argenteuil.....	68	2,691	3,892,284	301,650	6,821,498	13,994,642
Arthabasca.....	125	2,771	3,210,141	189,390	8,922,209	14,511,530
Bagot.....	76	1,110	1,246,994	104,322	3,468,044	6,043,482
Beauce.....	186	2,095	2,068,782	143,368	4,992,885	8,352,198
Beauharnois.....	69	6,345	9,513,429	2,259,750	15,311,460	31,575,200
Bellechasse.....	95	285	213,423	28,097	1,470,364	1,896,100
Berthier.....	107	1,403	1,401,652	175,541	3,156,891	6,367,968
Bonaventure.....	100	735	638,798	33,523	2,030,254	3,470,073
Brome.....	38	284	277,085	32,733	1,042,320	1,783,668
Chambly.....	63	6,509	13,313,750	474,902	17,728,093	57,699,224
Champlain.....	184	5,996	8,243,201	1,828,550	22,304,323	44,684,686
Charlevoix East.....	41	406	572,059	482,117	1,377,144	3,212,732
Charlevoix West.....	34	89	61,023	5,192	221,963	342,227
Chateauguay.....	40	393	412,376	43,489	1,254,681	2,061,697
Chicoutimi.....	170	7,631	14,490,277	10,323,868	35,739,494	90,111,945
Compton.....	70	1,341	1,915,729	666,233	5,069,186	8,662,538
Deux-Montagnes.....	47	248	194,829	30,232	844,027	1,232,774
Dorchester.....	97	503	482,851	66,220	2,055,482	3,021,251
Drummond.....	82	7,045	9,231,552	1,169,228	12,774,759	34,038,821

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

13.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1945—continued

County	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products ¹
	No.	No.	\$	\$	\$	\$
Quebec—Concluded						
Frontenac.....	94	821	801,599	33,701	2,039,464	3,291,702
Gaspe East.....	106	1,109	1,195,349	345,914	4,327,423	6,986,528
Gaspe West.....	29	334	418,385	10,227	1,057,460	1,735,555
Gatineau.....	60	229	212,592	21,945	1,064,391	1,625,115
Hull.....	65	5,337	8,892,571	3,525,641	22,252,064	42,322,663
Huntingdon.....	33	632	944,967	68,152	3,039,438	5,275,659
Iberville.....	32	325	378,946	40,739	891,489	1,795,706
Jesus Island.....	26	262	273,979	22,442	444,454	900,296
Joliette.....	119	2,328	2,821,720	443,471	6,953,003	12,367,231
Kamouraska.....	71	484	425,492	25,150	1,198,126	2,130,016
Labelle.....	82	375	319,161	17,575	1,576,241	2,344,645
Lac St. Jean East.....	73	1,220	2,256,759	1,689,349	10,035,911	20,465,479
Lac St. Jean West.....	151	1,197	1,565,774	781,440	5,731,675	10,257,014
Laprairie.....	35	816	1,147,478	436,335	2,766,214	5,481,911
L'Assomption.....	68	6,535	11,285,941	317,475	5,852,352	36,833,389
Lévis.....	71	5,692	11,258,691	274,522	9,500,935	19,436,395
L'Islet.....	92	603	669,165	38,284	1,276,991	2,622,740
Lotbinière.....	104	603	550,935	78,972	2,638,146	3,604,370
Madeleine Islands.....	25	336	211,025	22,673	1,432,754	2,120,091
Maskinonge.....	72	1,207	1,279,596	141,234	3,267,004	6,654,244
Matane.....	76	908	1,003,174	28,666	2,717,007	5,210,423
Matapédia.....	87	515	758,702	13,779	2,551,434	3,609,996
Mégantic.....	92	1,301	1,476,248	100,441	2,855,944	5,163,813
Missisquoi.....	65	2,860	3,509,741	350,618	7,139,890	15,770,318
Montcalm.....	52	310	238,228	18,890	1,246,797	1,688,911
Montmagny.....	82	1,405	1,565,895	88,388	3,352,283	6,116,103
Montmorency No. 1.....	45	566	910,900	785,705	2,050,149	5,448,175
Montmorency No. 2 (Isle d'Or- léans).....	18	83	108,576	7,321	164,347	319,704
Montreal.....	3,609	205,680	347,819,749	22,723,910	748,999,487	1,399,099,957
Napierville.....	26	432	435,217	49,901	1,769,110	2,935,561
Nicolet.....	110	788	749,351	69,182	3,377,743	5,094,345
Papineau.....	83	1,367	2,066,050	667,398	6,006,996	11,618,392
Pontiac.....	42	304	307,288	15,084	1,376,456	2,169,551
Portneuf.....	158	2,197	3,021,532	1,479,803	8,300,625	16,491,004
Quebec.....	434	20,704	28,998,073	3,018,051	47,881,320	96,620,251
Richelieu.....	69	5,094	10,681,722	743,507	6,126,037	21,176,666
Rimouski.....	65	2,422	3,345,897	929,392	9,199,189	16,278,667
Richmond.....	136	1,199	1,412,226	59,422	4,982,019	8,003,217
Rivière du Loup.....	108	812	1,037,199	116,141	2,816,277	4,580,878
Rouville.....	86	1,341	1,408,776	124,552	3,812,089	6,289,304
Saguenay.....	47	917	1,787,891	146,754	6,842,071	12,101,108
Shefford.....	124	5,750	7,174,846	447,543	17,673,551	34,285,669
Sherbrooke.....	103	8,445	11,746,670	888,292	20,159,301	44,604,383
Soulanges.....	24	123	124,850	19,937	387,833	669,688
Stanstead.....	92	4,173	5,648,222	728,607	21,635,902	32,344,426
St. Hyacinthe.....	126	5,374	6,243,549	406,638	16,313,080	27,599,200
St. Jean.....	80	4,496	6,046,919	567,446	10,491,516	21,157,236
St. Maurice.....	172	12,412	20,791,113	10,125,727	46,440,053	100,574,195
Témiscamingue.....	80	1,897	3,613,174	2,308,020	26,954,217	37,237,592
Témiscouata.....	74	705	702,900	17,194	1,947,790	3,435,655
Terrebonne.....	164	8,165	11,005,094	772,668	25,896,832	43,520,182
Vaudreuil.....	41	245	226,805	226,105	681,987	1,181,289
Verchères.....	77	1,162	1,787,888	219,221	5,123,920	8,574,073
Wolfe.....	72	314	307,570	101,576	1,255,341	1,833,976
Yamaska.....	64	238	225,121	43,083	1,738,880	2,202,387
Totals.....	10,038	384,031	607,473,443	74,978,718	1,307,534,193	2,531,903,830
Ontario—						
Addington.....	31	152	150,319	15,341	925,159	1,271,604
Algoma.....	91	6,194	12,161,926	3,902,057	31,410,090	58,539,266
Brant.....	160	13,404	21,259,081	1,231,409	31,395,426	66,235,584
Bruce.....	149	3,098	4,235,910	236,708	8,515,109	15,779,990
Carleton.....	289	10,080	15,927,935	1,155,178	26,100,978	57,106,703
Cochrane.....	111	3,388	6,262,822	1,333,736	15,105,405	34,887,284
Dufferin.....	35	298	314,537	29,614	1,654,583	2,386,676
Dundas.....	61	477	608,527	116,562	4,145,889	5,718,306
Durham.....	71	2,000	3,167,337	281,739	5,698,556	12,638,948

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

13.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1945—continued

County	Estab-lish-ments	Em-ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products ¹
	No.	No.	\$	\$	\$	\$
Ontario—Concluded—						
Elgin.....	94	2,061	2,799,800	252,799	8,859,990	14,525,709
Essex.....	321	31,968	67,912,584	5,494,092	190,065,983	320,870,904
Frontenac.....	100	5,782	9,945,478	895,203	16,098,545	36,182,513
Glengarry.....	89	340	289,997	56,025	2,222,702	2,767,479
Grenville.....	58	1,708	2,275,435	441,081	6,162,624	10,378,625
Grey.....	177	4,707	6,369,903	380,026	10,948,356	21,931,872
Haldimand.....	55	1,216	1,697,009	266,394	5,349,995	9,528,794
Haliburton.....	26	298	350,634	62,467	619,828	1,258,780
Halton.....	94	3,482	4,997,202	664,428	14,454,255	25,653,360
Hastings.....	212	6,034	8,285,077	1,280,352	25,357,618	43,261,660
Huron.....	131	1,558	1,923,399	360,597	12,672,263	17,566,169
Kenora.....	52	1,424	2,594,829	862,671	19,248,020	26,120,256
Kent.....	141	6,266	9,941,270	1,367,903	32,395,276	51,693,449
Lambton.....	115	7,149	13,965,006	5,596,515	55,365,510	98,700,748
Linark.....	113	3,566	4,941,437	319,746	9,752,577	17,642,396
Leeds.....	129	2,523	3,603,112	398,198	13,158,317	20,729,717
Lennox.....	43	537	654,635	194,209	1,731,663	3,194,974
Lincoln.....	168	12,479	21,872,397	1,714,577	42,861,847	82,606,082
Manitoulin.....	19	70	56,143	10,308	296,231	438,251
Middlesex.....	332	14,679	22,769,354	1,358,474	44,184,202	93,380,079
Muskoka.....	59	1,119	1,446,138	96,642	4,317,697	7,376,774
Nipissing.....	62	1,170	1,560,566	78,922	3,757,562	6,576,059
Norfolk.....	73	2,162	2,808,709	216,733	22,718,237	29,965,328
Northumberland.....	115	1,437	1,740,254	198,057	5,947,311	9,624,106
Ontario.....	123	10,497	20,057,039	1,250,849	79,451,911	117,770,424
Oxford.....	172	6,116	9,072,756	866,901	27,948,121	48,006,586
Parry Sound.....	71	1,947	3,081,493	405,076	4,464,817	10,587,027
Peel.....	74	7,063	14,147,910	1,201,460	41,279,373	96,268,446
Perth.....	164	5,011	7,546,696	965,805	17,426,362	30,986,620
Peterborough.....	129	8,803	14,425,587	866,288	44,072,334	69,454,765
Prescott.....	114	913	1,340,403	675,106	5,758,957	8,636,408
Prince Edward.....	73	759	703,204	105,159	2,994,911	4,694,484
Rainy River.....	38	933	1,638,848	632,025	3,171,783	6,973,931
Renfrew.....	179	3,519	4,392,325	411,528	9,725,631	19,200,528
Russell.....	69	268	217,762	38,180	1,692,791	2,183,018
Simcoe.....	184	5,768	8,721,469	466,217	14,906,225	31,067,103
Stormont.....	96	6,169	9,059,189	2,079,494	16,245,785	34,670,493
Sudbury.....	127	6,628	12,313,826	8,822,455	73,856,363	95,379,660
Thunder Bay.....	140	8,837	17,238,139	2,651,510	21,659,583	47,401,246
Timiskaming.....	83	1,144	1,514,437	85,810	2,495,289	5,019,957
Victoria.....	71	1,562	2,541,319	296,094	4,445,200	7,430,231
Waterloo.....	427	26,682	40,561,607	2,424,653	86,594,026	169,648,495
Welland.....	244	22,848	42,996,146	13,255,673	141,070,654	269,011,885
Wellington.....	188	7,107	10,659,752	796,118	20,511,882	39,865,201
Wentworth.....	543	51,791	91,337,568	11,735,033	189,039,156	357,786,457
York.....	3,777	180,834	309,994,072	14,935,842	685,928,587	1,286,303,180
District of Patricia.....	7	31	33,078	4,150	53,058	124,431
Totals.....	10,869	518,056	882,483,387	95,840,219	2,148,290,603	3,965,069,021
Manitoba—						
Division No. 1.....	55	211	145,092	31,660	1,037,341	1,364,256
Division No. 2.....	34	182	183,978	69,358	1,571,215	2,158,459
Division No. 3.....	23	99	106,018	14,882	716,976	900,877
Division No. 4.....	13	42	40,687	10,509	219,551	296,654
Division No. 5.....	57	3,814	7,325,410	1,316,645	11,886,398	22,643,552
Division No. 6.....	806	30,231	46,845,607	3,524,693	181,503,110	282,912,744
Division No. 7.....	54	744	1,013,085	130,087	5,675,628	7,656,275
Division No. 8.....	13	76	78,130	11,724	727,643	879,880
Division No. 9.....	21	1,703	2,702,000	416,800	1,633,258	5,925,083
Division No. 10.....	22	186	239,217	100,016	752,114	1,317,366
Division No. 11.....	20	84	77,193	11,397	684,840	859,850
Division No. 12.....	37	107	73,914	24,939	755,867	967,177
Division No. 13.....	35	148	130,131	19,160	660,603	924,794
Division No. 14.....	37	135	91,770	9,592	730,767	975,496
Division No. 15.....	24	65	36,300	7,584	387,365	516,392
Division No. 16.....	51	540	725,577	232,535	7,172,000	9,522,428
Totals.....	1,302	38,367	59,814,109	5,931,581	216,114,576	339,821,283

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

13.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1945—concluded

County	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products ¹
	No.	No.	\$	\$	\$	\$
Saskatchewan—						
Division No. 1.....	21	108	159,437	38,185	861,354	1,269,377
Division No. 2.....	13	78	90,698	15,201	721,712	930,663
Division No. 3.....	11	36	33,391	4,398	23,585	82,037
Division No. 4.....	11	37	37,458	9,045	231,610	365,065
Division No. 5.....	32	144	165,873	43,425	2,034,294	2,377,965
Division No. 6.....	117	3,171	5,297,316	979,671	26,600,750	40,066,201
Division No. 7.....	48	1,640	2,693,464	442,432	29,318,809	34,622,108
Division No. 8.....	22	171	219,371	30,117	1,000,117	1,450,315
Division No. 9.....	63	415	436,922	59,119	1,952,269	2,860,853
Division No. 10.....	15	63	67,183	11,918	652,792	802,216
Division No. 11.....	99	2,385	3,653,837	447,689	30,540,880	39,850,952
Division No. 12.....	17	62	76,206	26,742	834,466	1,099,129
Division No. 13.....	14	53	61,422	13,090	338,418	420,577
Division No. 14.....	204	972	858,741	109,264	2,378,829	4,480,388
Division No. 15.....	85	1,294	1,773,525	201,216	12,020,548	16,494,427
Division No. 16.....	76	334	262,562	32,239	1,244,407	1,888,753
Division No. 17 and 18.....	75	638	1,000,340	668,421	15,501,218	18,583,781
Unlocated sawmills.....	3	16	17,860	1,632	23,144	43,326
Totals.....	926	11,617	16,905,606	3,133,804	126,279,202	167,688,133
Alberta—						
Division No. 1.....	30	1,177	1,564,587	95,568	10,852,402	14,419,341
Division No. 2.....	75	1,356	1,826,724	201,941	6,340,024	13,498,084
Division No. 3.....	8	491	732,668	76,114	1,262,380	2,904,717
Division No. 4.....	20	342	565,913	68,593	3,548,587	6,309,752
Division No. 5.....	11	30	28,222	8,927	198,910	267,271
Division No. 6.....	278	7,609	12,906,139	1,980,789	58,488,420	93,089,564
Division No. 7.....	27	126	166,082	38,473	1,444,366	1,826,111
Division No. 8.....	71	456	583,287	93,899	4,150,147	5,553,544
Division No. 9.....	72	431	453,093	33,880	1,532,620	2,378,827
Division No. 10.....	32	105	125,295	29,883	1,321,047	1,645,085
Division No. 11.....	257	7,706	12,150,782	750,146	71,669,437	97,443,644
Division No. 12.....	73	607	653,621	58,260	1,837,495	3,250,932
Division No. 13.....	34	104	77,797	13,527	628,302	803,885
Division No. 14.....	62	296	266,593	27,905	1,589,026	2,184,471
Division No. 15.....	46	376	398,619	35,160	815,881	1,579,640
Division No. 16.....	58	280	250,854	27,757	493,432	1,079,232
Division No. 17.....	3	14	10,050	920	25,660	53,404
Totals.....	1,157	21,486	32,760,326	3,541,742	166,198,136	248,287,504
British Columbia—						
Division No. 1.....	77	881	1,257,390	123,065	2,092,042	4,601,462
Division No. 2.....	97	5,104	10,582,074	5,309,173	31,041,123	62,418,908
Division No. 3.....	155	2,247	2,956,393	255,778	6,200,522	11,612,996
Division No. 4.....	1,333	59,558	107,806,489	6,020,089	204,694,538	413,621,913
Division No. 5.....	341	13,033	24,606,707	1,782,877	29,613,576	73,101,865
Division No. 6.....	86	685	857,538	50,997	1,594,907	3,101,560
Division No. 7.....	23	3,122	6,509,341	1,277,172	17,597,502	35,618,879
Division No. 8.....	141	1,147	1,639,203	109,563	2,597,100	6,046,430
Division No. 9.....	49	2,108	4,110,015	250,642	10,021,729	18,298,087
Division No. 10.....	24	89	93,683	9,413	306,797	481,024
Totals.....	2,326	87,974	160,419,133	15,188,769	305,759,836	628,903,124

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

APPENDIX I

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1945

GREATER MONTREAL

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Vegetable Products—						
Aerated and mineral waters.....	31	1,025	1,854,140	123,335	2,938,433	9,685,726
Biscuits, confectionery, cocoa, etc.	47	3,094	3,688,367	286,409	10,872,572	19,601,001
Bread and other bakery products.....	159	4,316	6,217,964	552,571	9,390,300	20,627,629
Breweries.....	6	2,694	5,530,793	499,608	6,489,175	26,736,216
Distilleries.....	4	1,182	2,175,911	395,327	7,518,110	17,266,621
Feeds, prepared stock and poultry.....	12	464	808,214	76,890	14,970,146	16,864,871
Foods, miscellaneous.....	61	1,460	2,198,335	202,212	15,740,148	24,345,862
Fruit and vegetable preparations.....	34	1,012	1,222,006	91,353	4,492,627	7,016,357
Rubber goods, including footwear.....	6	2,132	3,155,890	235,779	5,234,884	9,601,107
Tobacco, cigars and cigarettes.....	34	6,868	9,525,803	166,638	29,556,623	55,151,447
Vegetable oil mills.....	3	216	312,719	38,741	3,666,563	4,579,382
All other industries.....	16	1,927	3,564,785	786,402	38,004,436	49,170,733
Totals.....	413	26,390	40,254,927	3,455,265	148,874,017	260,646,952
Animal Products—						
Belting, leather.....	6	117	188,607	9,128	456,932	750,147
Boot and shoe findings, leather.....	9	185	233,364	23,122	211,777	500,540
Boots and shoes, leather.....	74	7,119	9,008,858	129,265	16,145,736	29,132,904
Butter and cheese.....	5	1,129	2,029,967	184,880	4,221,845	7,675,973
Cheese, processed.....	5	321	384,892	18,345	3,514,216	5,098,478
Dairy products, other.....	8	104	152,242	21,573	511,465	1,043,177
Fur dressing and dyeing.....	8	766	1,217,888	38,066	393,301	2,027,028
Fur goods.....	199	2,223	3,672,079	44,354	15,656,284	21,643,917
Gloves and mittens, leather.....	24	1,049	1,161,860	10,897	2,087,838	3,936,843
Hair goods.....	6	74	100,366	2,182	187,321	317,620
Leather tanneries.....	6	248	391,032	35,278	1,092,726	1,757,761
Miscellaneous leather goods.....	71	2,029	2,284,610	35,705	3,778,467	7,378,226
Sausage and sausage casings.....	19	134	198,107	24,502	844,288	1,304,163
Slaughtering and meat packing.....	21	2,646	4,611,467	395,509	50,751,228	59,803,337
All other industries.....	1	6	15,854	-	38,291	64,914
Totals.....	462	18,150	25,651,193	972,806	99,891,715	142,435,028
Textiles and Textile Products—						
Awnings, tents and sails.....	18	544	690,299	10,311	1,893,333	2,914,991
Bags, cotton and jute.....	8	535	668,950	27,833	7,328,676	9,097,875
Batting and wadding.....	4	130	197,164	29,279	593,490	1,198,576
Clothing, men's factory.....	225	9,384	14,156,509	133,519	34,009,783	60,188,913
Clothing, women's factory.....	599	18,033	24,909,326	203,752	52,730,283	99,135,550
Clothing contractors, men's.....	81	1,671	2,279,643	23,694	146,004	2,889,582
Clothing contractors, women's.....	48	887	1,105,284	12,719	36,748	1,525,825
Corsets.....	9	312	423,024	3,264	410,376	1,051,458
Cotton and wool waste.....	8	149	205,435	19,136	927,140	1,392,349
Cotton textiles, miscellaneous.....	59	1,848	1,474,923	17,280	4,326,940	7,070,858
Cotton thread.....	4	681	821,309	52,030	2,630,327	4,260,245
Cotton yarn and cloth.....	5	3,101	4,604,658	515,891	8,115,599	14,691,325
Dyeing and finishing of textiles.....	19	296	491,555	49,566	139,984	1,134,808
Gloves and mittens, fabric.....	3	37	54,313	953	59,310	164,502
Hats and caps.....	71	2,577	3,528,206	75,908	5,053,037	10,793,509
Hosiery and knitted goods.....	38	2,250	2,649,793	65,183	4,101,431	8,200,584
Miscellaneous textiles.....	8	1,437	2,777,597	215,007	6,626,583	13,128,996
Narrow fabrics.....	11	383	586,739	17,256	461,632	1,233,785
Oiled and waterproofed clothing.....	6	185	277,379	3,900	715,884	1,247,809
Woolen cloth.....	5	235	272,998	310	124,604	346,734
All other industries.....	7	486	1,204,227	26,645	1,163,971	2,004,571
Totals.....	1,236	44,661	63,388,331	1,503,436	131,595,135	243,672,845
Wood and Paper Products—						
Blue-printing.....	4	81	112,153	4,144	66,283	291,569
Boxes and bags, paper.....	27	2,621	3,185,862	110,224	6,502,256	12,287,574
Boxes, wooden.....	10	617	850,962	38,977	1,716,144	3,310,508
Carriages, wagons and sleighs.....	3	32	47,506	2,089	25,770	93,292
Cooperage.....	4	72	98,416	6,525	371,984	647,632
Engraving, stereotyping and electrotyping.....	24	599	1,348,373	31,111	395,556	2,377,794
Furniture.....	104	2,192	3,280,213	87,157	4,482,006	9,436,850
Lasts, trees and shoe findings.....	7	409	518,393	20,710	518,199	1,269,489
Lithographing.....	6	537	1,089,617	23,797	1,418,125	3,199,293

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1945—con.

GREATER MONTREAL—continued

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Wood and Paper Products—conc.						
Miscellaneous paper products.....	37	976	1,291,469	40,516	2,990,925	5,393,099
Miscellaneous wooden products.....	38	356	475,369	18,549	318,999	1,005,995
Planing mills, sash and door fac- tories.....	34	601	912,020	47,537	2,960,197	4,519,005
Printing and bookbinding.....	275	3,781	5,963,296	143,255	4,597,725	14,050,496
Printing and publishing.....	25	3,306	6,309,480	135,676	3,687,563	16,442,567
Refrigerators, other than gas and electric.....	4	111	161,622	4,564	98,590	303,851
Roofing paper.....	3	572	1,026,751	91,421	2,564,751	5,623,154
Trade composition.....	9	156	323,381	6,936	37,232	533,005
Woodenware.....	3	13	11,669	735	16,394	39,555
Wood turning.....	4	30	42,545	2,087	37,404	97,976
All other industries.....	15	1,177	2,960,083	156,040	1,733,391	3,471,884
Totals.....	636	18,239	30,009,180	972,050	34,540,094	84,394,588
Iron and Its Products—						
Aircraft and parts.....	15	17,351	38,319,208	788,782	22,069,306	77,085,671
Automobile supplies.....	7	293	532,348	19,525	1,018,950	1,820,289
Boilers, tanks and platework.....	6	913	2,023,115	81,904	1,867,406	5,087,035
Bridge and structural steel.....	4	2,221	5,060,537	294,732	5,745,661	12,827,653
Castings, iron.....	13	2,071	4,029,440	333,344	6,470,588	13,610,989
Hardware, tools and cutlery.....	37	3,080	5,534,688	262,890	4,992,162	17,118,391
Heating and cooking apparatus.....	5	406	781,233	55,941	822,560	1,964,475
Iron and steel products, miscel- laneous.....	44	3,701	7,976,282	202,730	30,435,287	51,412,494
Machinery.....	26	3,689	6,864,767	299,930	8,436,924	25,943,921
Machine shops.....	69	1,601	3,070,695	79,858	1,380,979	6,094,043
Primary iron and steel.....	5	2,853	5,901,524	1,117,416	6,067,066	16,709,889
Railway rolling-stock.....	9	14,643	30,729,190	2,077,445	43,102,775	94,980,127
Sheet metal products.....	31	5,234	8,395,957	339,138	14,138,786	27,350,536
Shipbuilding and repairs.....	6	7,488	16,026,202	472,798	19,261,233	38,692,374
Wire and wire goods.....	20	1,436	2,393,994	278,195	2,422,267	9,180,380
All other industries.....	3	17	22,302	2,778	67,255	124,670
Totals.....	300	66,997	137,661,482	6,707,406	168,299,205	400,002,937
Non-ferrous Metal Products—						
Aluminum products.....	4	43	71,430	6,818	33,523	148,237
Brass and copper products.....	34	3,579	6,749,317	719,892	19,147,553	33,594,898
Electrical apparatus and supplies..	41	11,733	21,143,763	583,348	24,556,561	59,664,360
Jewellery and silverware.....	44	1,163	1,534,882	19,504	2,466,596	5,268,031
Miscellaneous non-ferrous metal products.....	5	177	266,882	8,166	502,908	1,048,038
White metal alloys.....	12	331	651,278	49,228	3,365,003	4,333,833
Totals (1).....	140	17,026	30,417,552	1,386,956	50,072,144	104,057,397
Non-metallic Mineral Products—						
Cement products.....	21	381	657,223	119,576	1,272,977	2,730,670
Glass products.....	22	1,894	2,948,771	801,610	3,196,319	9,242,131
Miscellaneous non-metallic mineral products.....	11	144	233,924	28,652	475,060	1,092,984
Petroleum products.....	6	1,291	2,631,044	2,249,564	41,870,030	51,180,678
Stone, monumental and ornamental	10	87	145,812	7,728	111,741	339,760
All other industries.....	11	1,400	2,774,463	3,394,481	6,442,281	18,925,294
Totals.....	81	5,197	9,391,237	6,601,611	53,368,408	83,511,517
Chemicals and Allied Products—						
Adhesives.....	4	124	179,384	10,154	592,872	1,041,656
Gases, compressed.....	8	285	498,857	77,138	351,226	2,059,409
Inks, printing and writing.....	8	111	178,494	8,045	327,906	751,263
Medicinal and pharmaceutical preparations.....	66	3,396	5,595,459	234,445	10,247,563	24,733,330
Miscellaneous chemical products..	43	2,235	3,521,545	166,851	5,440,489	10,406,929
Paints, pigments and varnishes....	23	1,996	3,428,162	179,151	9,214,996	18,450,638
Polishes and dressings.....	12	151	220,810	10,674	1,107,779	1,587,053
Soaps and washing compounds.....	26	415	713,119	46,132	1,291,792	3,343,811
Toilet preparations.....	27	826	1,170,536	18,976	2,462,292	6,154,456
All other industries.....	6	252	505,223	120,537	3,835,317	5,460,490
Totals.....	223	9,791	16,011,589	872,103	34,872,232	73,989,035

(1) Totals for non-ferrous metal products do not include the non-ferrous metal smelting and refining industry.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1945—con.

GREATER MONTREAL—concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Miscellaneous Industries—						
Artificial flowers and feathers.....	17	396	482,763	4,116	601,091	1,559,879
Brooms, brushes and mops.....	20	323	385,534	12,529	508,130	1,156,730
Buttons.....	12	330	452,088	14,786	437,009	1,164,367
Candles.....	7	127	148,606	8,890	265,481	635,278
Ice, manufactured.....	4	136	235,768	30,438	10,304	381,160
Lamps, electric and lamp shades..	8	224	290,053	8,051	414,608	952,485
Mattresses and springs.....	16	1,201	1,984,115	86,386	4,650,850	8,505,877
Pipes, tobacco.....	3	29	33,449	1,052	12,371	59,277
Scientific and professional equip- ment.....	8	173	257,522	6,021	306,804	736,186
Signs, electric, neon and other.....	4	139	226,996	6,214	68,002	540,356
Sporting goods.....	5	265	308,985	8,856	391,342	782,315
Stamps and stencils, rubber and metals.....	9	82	139,025	2,859	45,931	249,424
Statuary, art goods and novelties..	28	305	355,082	8,144	237,430	729,151
Toys and toy equipment.....	13	146	122,000	2,242	232,081	491,229
All other industries.....	11	802	1,268,363	33,604	1,936,329	5,275,387
Totals.....	165	4,678	6,690,349	234,188	10,117,763	23,219,101
Totals, Greater Montreal.....	3,656	211,129	359,475,840	22,705,821	731,630,713	1,415,929,400

GREATER TORONTO

Vegetable Products—						
Aerated and mineral waters.....	24	920	1,625,245	82,043	1,980,893	7,040,534
Biscuits, confectionery, cocoa, etc.	45	5,553	7,406,765	397,130	16,806,356	33,848,686
Bread and other bakery products..	252	5,759	8,007,423	660,602	11,925,804	25,988,072
Breweries.....	5	673	1,434,973	98,796	1,927,900	9,012,446
Feeds, prepared stock and poultry..	13	503	860,103	53,078	6,578,367	8,928,256
Flour and feed mills.....	10	364	676,044	57,545	5,662,736	6,187,189
Foods, breakfast.....	4	76	95,832	5,119	340,400	850,122
Foods, miscellaneous.....	62	2,317	3,405,847	131,438	18,901,401	28,370,720
Fruit and vegetable preparations..	26	1,246	1,479,793	85,259	6,472,308	10,403,328
Macaroni, vermicelli, etc.....	3	101	140,548	13,691	283,476	476,460
Rubber goods, including rubber footwear.....	12	7,025	13,143,782	821,300	26,886,225	60,752,110
Tobacco, cigars and cigarettes.....	10	426	540,964	13,011	1,182,183	2,301,917
Wine.....	6	90	196,236	10,246	410,618	943,367
All other industries.....	7	531	1,125,755	310,534	8,733,811	13,124,881
Totals.....	479	25,584	40,139,310	2,739,792	108,092,478	208,228,088
Animal Products—						
Animal oils and fats.....	3	50	114,465	21,048	280,655	506,746
Belting, leather.....	5	84	135,143	1,690	321,095	511,944
Boots and shoes, leather.....	27	1,216	1,686,995	17,931	2,485,287	5,041,131
Butter and cheese.....	9	1,607	3,291,689	192,796	7,478,111	12,129,106
Cheese, processed.....	4	228	303,641	18,179	5,091,544	6,634,166
Dairy products, other.....	11	55	73,522	12,108	202,485	381,250
Fur dressing and dyeing.....	6	363	480,848	17,910	222,380	848,137
Fur goods.....	192	1,723	3,139,986	33,413	13,598,609	18,942,376
Gloves and mittens, leather.....	5	53	56,121	1,380	86,002	170,395
Hair goods.....	6	112	125,635	3,448	208,018	423,916
Leather tanneries.....	5	615	996,464	106,756	3,332,384	5,460,775
Miscellaneous leather goods.....	67	1,681	2,095,485	34,093	3,925,503	7,365,878
Sausage and sausage casings.....	14	100	154,851	11,720	951,964	1,202,602
Slaughtering and meat packing....	23	4,396	8,651,173	695,162	85,330,905	96,526,957
All other industries.....	1	18	19,083	1,983	14,768	28,846
Totals.....	378	12,301	21,325,101	1,169,617	123,529,710	156,174,225

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1945—con.

GREATER TORONTO—continued

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Textiles and Textile Products—						
Awnings, tents and sails.....	14	175	216,120	5,579	381,226	720,247
Bags, cotton and jute.....	6	237	272,547	8,120	2,261,868	2,828,680
Carpets, mats and rugs.....	3	351	577,267	25,456	804,112	1,758,117
Clothing, men's factory.....	94	6,087	9,937,136	80,494	16,172,671	29,906,209
Clothing, women's factory.....	291	6,847	11,099,772	87,943	18,276,323	36,490,031
Clothing contractors, men's.....	14	154	249,930	2,485	27,000	320,838
Clothing contractors, women's.....	16	162	239,472	2,429	25,211	359,425
Corsets.....	17	660	737,338	5,165	952,898	2,396,785
Cotton and wool waste.....	10	188	334,745	23,132	2,411,111	3,156,809
Cotton textiles, miscellaneous.....	31	814	952,186	22,807	2,091,170	3,771,885
Dyeing and finishing of textiles.....	9	325	650,131	39,050	184,064	1,078,620
Hats and caps.....	60	1,301	1,970,566	30,824	2,886,982	5,894,316
Hosiery and knitted goods.....	50	3,223	3,814,127	140,842	6,906,216	13,763,776
Miscellaneous textiles.....	3	483	858,804	64,543	2,093,369	4,320,519
Narrow fabrics.....	13	281	337,886	6,451	564,973	1,136,700
Oiled and waterproofed clothing.....	5	229	332,157	8,768	999,090	1,650,870
Woolen cloth.....	6	692	1,101,796	77,422	2,582,959	4,240,063
Woolen goods, miscellaneous.....	12	398	744,612	68,648	2,858,210	4,454,866
Woolen yarn.....	6	728	883,848	70,633	2,250,850	3,882,491
All other industries.....	7	317	343,730	19,009	576,768	1,088,885
Totals.....	667	23,652	35,654,170	789,800	65,307,071	123,220,132
Wood and Paper Products—						
Blueprinting.....	4	33	57,254	1,669	49,954	188,478
Boatbuilding.....	3	77	73,041	927	88,620	188,773
Boxes and bags, paper.....	40	3,490	4,804,436	151,215	10,270,798	19,071,297
Boxes, wooden.....	9	574	1,054,542	22,033	1,168,439	2,875,937
Coffins and caskets.....	3	108	160,813	9,131	200,925	450,895
Engraving, stereotyping and elec- trotyping.....	36	1,319	2,889,013	60,537	1,070,019	5,815,188
Furniture.....	122	1,740	2,613,791	73,370	3,577,784	7,637,497
Hardwood flooring.....	3	130	206,380	24,969	285,661	684,570
Lithography.....	16	1,166	2,010,539	39,098	2,627,951	6,005,814
Miscellaneous paper products.....	53	2,146	3,276,765	92,632	6,662,815	13,282,654
Miscellaneous wooden products.....	73	887	1,166,156	34,385	1,054,208	2,898,032
Planing mills, sash and door fac- tories.....	29	700	972,607	45,045	2,726,792	4,324,587
Printing and bookbinding.....	309	6,138	9,317,488	202,713	10,970,665	26,104,029
Printing and publishing.....	40	4,920	10,280,313	202,092	7,295,087	27,873,228
Pulp and paper mills.....	6	905	2,358,905	656,856	3,889,863	7,829,301
Refrigerators, other than gas and electric.....	4	52	90,008	2,620	78,031	214,080
Trade composition.....	16	226	425,855	8,665	70,080	736,684
Wood turning.....	9	27	26,985	1,656	20,226	60,487
All other industries.....	11	716	1,308,653	73,713	2,081,829	5,163,250
Totals.....	786	25,354	43,093,544	1,703,326	54,189,747	131,404,781
Iron and Its Products—						
Aircraft and aircraft parts.....	9	5,721	13,243,802	319,583	58,572,042	95,120,166
Automobile supplies.....	24	2,847	5,049,572	240,098	7,778,417	16,104,310
Bicycles.....	4	630	1,069,872	66,935	1,202,187	2,866,483
Boilers, tanks and engines.....	6	1,865	4,068,294	193,160	3,398,270	9,690,582
Bridge and structural steel.....	4	641	1,327,797	52,207	1,878,170	4,634,455
Castings, iron.....	15	1,525	3,082,005	233,710	2,138,996	7,441,035
Hardware, tools and cutlery.....	68	2,998	5,748,398	233,219	3,339,254	12,765,174
Heating and cooking apparatus.....	15	1,403	2,391,236	78,925	2,874,403	7,430,675
Miscellaneous iron and steel prod- ucts.....	42	5,659	11,352,873	344,580	10,318,798	27,587,169
Machinery.....	78	4,400	8,636,020	279,530	6,930,944	22,510,691
Machine shops.....	99	1,257	2,494,038	55,320	1,437,181	5,515,215
Railway rolling-stock.....	4	1,085	2,199,647	80,495	2,450,782	5,293,096
Sheet metal products.....	52	4,595	7,602,487	361,298	14,026,775	27,531,293
Wire and wire goods.....	20	271	431,439	46,019	892,856	1,736,211
All other industries.....	6	4,403	7,137,484	331,916	9,214,566	21,674,826
Totals.....	446	39,300	75,834,964	2,916,995	126,453,644	267,901,381

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1945—con.

GREATER TORONTO—concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Non-ferrous Metal Products—						
Aluminum products.....	10	1,602	2,880,708	198,543	2,998,445	6,608,046
Brass and copper products.....	48	4,638	9,808,466	811,202	19,982,730	42,070,534
Electrical apparatus and supplies..	120	15,365	26,840,259	814,759	36,197,732	86,000,444
Jewellery and silverware.....	74	1,901	3,029,571	83,511	10,167,192	16,025,461
Miscellaneous non-ferrous metal products.....	15	703	1,022,191	27,084	1,289,741	4,264,049
White metal alloys.....	11	928	1,613,403	151,924	6,592,593	10,364,188
Totals.....	278	25,137	45,194,598	2,087,023	77,228,433	165,332,722
Non-metallic Mineral Products—						
Asbestos products.....	3	11	13,995	1,150	21,859	46,010
Cement products.....	25	243	415,624	66,592	724,695	1,933,357
Clay products from domestic clay	6	188	269,905	154,965	29,446	546,788
Clay products from imported clay	7	79	95,445	7,773	192,512	464,377
Glass products.....	37	771	1,089,140	48,016	1,094,074	2,727,303
Miscellaneous non-metallic mineral products.....	10	229	456,192	16,215	813,393	1,686,759
Stone, monumental and ornamental	19	233	414,631	41,248	293,393	1,014,782
All other industries.....	11	1,477	2,637,876	1,162,382	11,970,036	20,206,979
Totals.....	118	3,231	5,392,808	1,498,341	15,139,408	28,626,355
Chemicals and Allied Products—						
Acids, alkalis and salts.....	6	89	191,942	65,988	935,230	1,736,001
Adhesives.....	9	273	505,293	73,755	826,818	2,063,040
Gases, compressed.....	10	298	533,688	99,664	290,096	1,785,900
Inks, printing and writing.....	18	502	1,127,069	37,065	1,745,112	4,173,223
Medicinal and pharmaceutical pre- parations.....	64	2,512	3,547,816	56,253	6,491,460	16,702,073
Miscellaneous chemical products..	79	4,267	6,388,822	269,048	10,301,055	18,782,086
Paints, pigments and varnishes....	28	1,667	3,241,144	132,426	8,031,158	16,068,342
Polishes and dressings.....	22	246	308,913	8,306	1,044,852	1,917,392
Soaps and washing compounds.....	31	1,904	3,607,790	330,291	9,948,638	22,517,907
Toilet preparations.....	40	1,002	1,232,977	15,567	3,484,563	10,239,375
All other industries.....	4	210	392,490	118,195	1,980,184	3,096,344
Totals.....	311	12,970	21,077,944	1,206,558	45,079,166	99,081,683
Miscellaneous Industries—						
Artificial flowers and feathers....	10	193	173,901	3,334	165,522	426,777
Brooms, brushes and mops.....	12	420	554,309	9,499	984,622	2,203,187
Buttons.....	3	53	54,170	1,193	85,918	181,292
Fountain pens and pencils.....	6	775	1,142,262	13,194	1,241,091	3,512,480
Ice, manufactured.....	15	154	255,834	71,535	26,235	1,234,475
Lamps, electric, and lamp shades..	16	325	366,163	8,372	540,873	1,221,763
Mattresses and springs.....	26	773	1,371,131	44,551	2,885,000	5,150,613
Musical instruments.....	10	266	376,415	24,343	312,431	740,460
Scientific and professional equip- ment.....	19	6,096	12,111,229	278,570	51,297,689	65,377,988
Signs, electric, neon and other.....	7	147	254,412	9,144	202,438	664,021
Sporting goods.....	9	371	548,215	17,323	1,774,443	2,775,605
Stamps and stencils, rubber and metal.....	9	255	386,900	6,390	220,335	843,029
Statuary, art goods and novelties..	37	515	624,141	11,460	656,129	1,712,377
Toys.....	23	806	932,874	24,793	1,296,133	3,187,293
Typewriter supplies.....	5	205	399,286	9,394	739,210	1,557,711
Umbrellas.....	3	56	63,399	652	101,686	239,168
All other industries.....	10	132	180,441	5,813	429,592	989,840
Totals.....	220	11,542	19,795,082	539,560	62,959,347	92,018,079
Totals, Greater Toronto.....	3,683	179,071	307,507,321	14,651,012	677,979,004	1,371,987,446

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1945—con.

GREATER HAMILTON

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Vegetable Products—						
Aerated and mineral waters.....	15	151	254,639	19,391	330,132	1,013,701
Biscuits, confectionery, cocoa, etc.	10	242	334,470	31,128	784,130	2,500,599
Bread and other bakery products.....	57	1,206	1,665,727	120,649	2,207,814	4,605,682
Flour and feed mills.....	4	10	10,332	2,554	163,324	193,592
Foods, miscellaneous.....	13	305	368,422	13,104	1,574,684	2,298,123
Fruit and vegetable preparations.....	8	609	883,591	60,895	2,633,958	3,971,227
Rubber goods, including rubber footwear.....	4	1,571	3,159,704	230,969	8,831,348	23,028,524
All other industries.....	5	888	1,188,734	47,137	7,054,195	10,880,135
Totals.....	116	4,982	7,865,619	525,827	23,579,585	48,491,583
Animal Products—						
Fur goods.....	8	64	114,540	3,454	392,625	546,008
Miscellaneous leather goods.....	4	53	82,763	492	181,579	320,021
Slaughtering and meat packing.....	6	721	1,141,411	105,653	12,037,416	14,031,653
All other industries.....	6	165	307,198	23,404	667,334	1,272,766
Totals.....	24	1,003	1,645,912	133,003	13,278,954	16,170,448
Textiles and Textile Products—						
Awnings, tents and sails.....	3	48	62,103	900	84,544	200,077
Clothing, men's factory.....	5	738	943,273	15,135	1,520,302	3,080,682
Cotton yarn and cloth.....	5	1,921	2,454,770	219,099	3,988,436	7,746,034
Hosiery and knitted goods.....	7	3,385	3,857,753	166,765	5,397,656	11,912,462
All other industries.....	14	825	1,218,538	89,937	3,827,692	6,880,748
Totals.....	34	6,917	8,536,437	491,836	14,818,630	29,819,983
Wood and Paper Products—						
Boxes and bags, paper.....	9	439	665,230	32,567	2,285,738	3,697,093
Engraving, stereotyping and electrotyping.....	6	84	181,252	3,241	46,483	303,752
Furniture.....	5	50	66,069	3,655	30,819	116,356
Miscellaneous paper products.....	10	531	861,155	34,740	2,052,527	4,089,845
Miscellaneous wooden products.....	5	24	42,010	1,084	21,926	94,402
Planing mills, sash and door factories.....	6	143	222,785	10,697	394,654	847,309
Printing and bookbinding.....	45	442	676,813	22,694	859,279	1,994,061
All other industries.....	17	776	1,452,221	57,809	1,986,981	5,567,354
Totals.....	103	2,539	4,167,540	166,487	7,678,207	16,710,172
Iron and Its Products—						
Castings, iron.....	4	371	760,100	45,265	1,299,543	2,551,045
Hardware, tools and cutlery.....	14	728	1,386,480	78,969	1,834,955	4,385,680
Machinery.....	16	2,623	5,460,212	178,388	3,930,178	16,880,674
Machine shops.....	12	127	217,195	6,036	83,236	372,432
Miscellaneous iron and steel products.....	10	2,216	4,807,507	167,133	5,591,786	12,124,110
Primary iron and steel.....	11	8,464	17,288,639	5,616,642	34,153,691	67,654,179
Sheet metal products.....	13	1,172	1,840,658	113,033	9,562,902	13,048,708
Wire and wire goods.....	12	2,487	4,567,214	348,280	3,845,668	14,404,823
All other industries.....	11	5,107	10,515,579	793,593	17,254,314	36,671,135
Totals.....	103	23,295	46,843,584	7,347,339	77,556,273	168,092,786
Non-ferrous Metal Products—						
Aluminum products.....	3	52	74,827	9,654	60,813	209,264
Brass and copper products.....	9	577	998,682	30,788	868,403	2,645,696
Electrical apparatus and supplies.....	11	6,754	11,982,480	458,003	7,256,605	31,633,920
Jewellery and silverware.....	4	355	546,332	15,624	577,179	1,406,753
All other industries.....	4	118	202,854	24,959	376,531	650,866
Totals.....	31	7,856	13,805,175	539,028	9,139,531	36,546,499

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1945—con.

GREATER HAMILTON—concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Non-metallic Mineral Products—						
Cement products.....	7	80	67,077	5,739	147,937	298,184
Clay products from domestic clay..	5	116	225,355	54,147	4,452	323,448
Clay products from imported clay..	5	601	881,643	120,183	286,915	1,959,811
Coke and gas products.....	4	777	1,439,623	1,498,013	9,611,765	14,164,954
Miscellaneous non-metallic prod- ucts.....	3	32	38,795	1,399	48,143	101,235
Stone products.....	5	42	70,410	5,054	56,789	199,055
All other industries.....	11	1,151	1,802,971	413,015	2,058,517	6,071,749
Totals.....	40	2,799	4,525,874	2,097,550	12,214,518	23,118,436
Chemicals and Allied Products—						
Miscellaneous chemical products..	6	40	134,899	3,492	233,618	459,650
Polishes and dressings.....	4	64	65,840	3,885	332,507	654,587
Toilet preparations.....	3	44	60,402	1,101	87,831	193,674
All other industries.....	15	789	1,711,828	306,202	7,558,980	11,168,168
Totals.....	28	937	1,972,969	314,680	8,212,936	12,476,079
Miscellaneous Industries—						
Brooms, brushes and mops.....	7	274	343,453	10,515	461,597	1,217,565
Sporting goods.....	3	6	4,737	189	3,498	9,996
All other industries.....	7	107	143,235	16,057	48,392	275,661
Totals.....	17	387	491,425	26,761	513,487	1,503,222
Totals, Greater Hamilton.....	196	59,715	89,854,535	11,642,511	166,992,121	352,929,208

GREATER WINDSOR

Vegetable Products—						
Aerated and mineral waters.....	5	66	103,787	8,931	170,184	443,781
Bread and other bakery products..	25	476	710,003	52,030	1,058,459	2,273,204
Foods, miscellaneous.....	4	29	30,609	1,927	81,136	152,272
Fruit and vegetable preparations...	5	207	241,176	13,097	391,475	741,522
All other industries.....	8	909	1,748,330	301,683	5,100,304	14,445,495
Totals.....	47	1,687	2,833,905	377,668	6,801,558	18,056,274
Animal Products—						
Butter and cheese.....	5	451	913,656	78,601	1,735,664	2,979,197
Dairy products, other.....	3	43	72,286	5,819	230,538	524,934
Fur goods.....	3	15	24,830	240	116,256	177,401
Slaughtering and meat packing....	4	103	156,524	21,443	1,911,608	2,321,648
All other industries.....	3	15	11,935	2,922	59,321	83,122
Totals.....	18	627	1,179,231	109,025	4,053,387	6,086,302
Textiles and Textile Products—						
Totals, all industries.....	11	383	534,008	17,681	1,425,810	2,312,666
Wood and Paper Products—						
Boxes, wooden.....	3	206	214,184	5,987	620,574	1,148,530
Miscellaneous wooden products....	4	55	76,545	4,508	77,972	191,842
Planing mills, sash and door fac- tories.....	5	89	127,217	10,190	178,353	395,862
Printing and bookbinding.....	19	129	219,017	6,801	199,650	506,360
All other industries.....	13	503	946,939	25,803	1,009,217	3,019,821
Totals.....	44	982	1,583,902	53,289	2,085,771	5,262,415

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Winnipeg and Vancouver, 1945—con.

GREATER WINDSOR—concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Iron and Its Products—						
Automobile supplies.....	17	3,810	7,894,147	389,104	17,449,716	32,700,393
Castings, iron.....	7	967	2,028,555	245,028	1,398,948	4,392,676
Hardware, tools and cutlery.....	11	535	1,348,386	47,872	1,112,421	3,515,360
Machinery.....	7	282	595,016	22,564	1,410,401	2,987,564
Machine shops.....	4	65	146,076	4,121	144,065	336,805
All other industries.....	19	16,460	39,925,237	1,851,055	122,146,583	179,346,633
Totals.....	65	22,119	51,937,417	2,559,744	143,662,134	223,279,431
Non-ferrous Metal Products—						
Brass and copper products.....	4	159	393,131	34,898	640,726	1,218,454
All other industries.....	6	82	175,123	13,412	510,030	945,662
Totals.....	10	241	568,254	48,310	1,150,756	2,164,116
Non-metallic Mineral Products—						
Cement products.....	5	38	83,481	27,044	275,420	423,153
All other industries.....	7	354	699,333	212,843	578,701	2,321,444
Totals.....	12	392	782,814	239,887	854,121	2,744,597
Chemical and Allied Products—						
Medicinal and pharmaceutical pre- parations.....	10	1,280	1,965,687	47,285	3,473,140	10,924,677
Miscellaneous chemical products.....	5	29	54,960	1,640	117,209	218,657
Paints, pigments and varnishes....	3	169	364,186	16,445	822,034	1,698,691
Soaps, washing compounds, etc....	7	25	31,124	2,091	71,269	117,899
Toilet preparations.....	4	33	37,753	916	80,374	181,519
All other industries.....	4	428	1,010,742	630,364	1,064,937	4,517,385
Totals.....	33	1,964	3,464,452	698,741	5,628,963	17,658,828
Miscellaneous Industries—						
Totals, all industries.....	10	847	1,277,250	55,988	3,704,325	5,988,618
Totals, Greater Windsor.....	250	29,242	64,161,233	4,160,333	169,366,825	283,553,247

GREATER WINNIPEG

Vegetable Products—						
Aerated and mineral waters.....	12	274	455,768	42,810	776,709	2,389,283
Biscuits, confectionery, cocoa, etc.	14	857	995,107	78,439	2,383,458	5,752,354
Bread and other bakery products.	61	1,022	1,476,423	155,046	2,299,087	4,955,786
Breweries.....	6	557	1,026,937	123,530	1,533,936	6,591,924
Feeds, stock and poultry.....	12	171	296,915	34,632	2,747,305	3,360,421
Flour and feed mills.....	9	644	963,789	145,499	18,029,869	21,512,007
Foods, breakfast.....	3	19	26,417	3,063	180,214	503,500
Foods, miscellaneous.....	18	500	623,985	40,239	9,246,752	11,391,455
Fruit and vegetable preparations..	7	255	234,553	25,728	662,385	1,217,709
Macaroni, vermicelli, etc.....	3	64	74,263	10,693	199,748	478,972
All other industries.....	9	299	474,176	236,494	2,769,519	4,486,383
Totals.....	154	4,662	6,648,333	896,173	40,828,982	62,639,794
Animal Products—						
Boots and shoes, leather.....	5	180	200,712	2,901	540,156	816,625
Butter and cheese.....	14	979	1,650,512	150,467	4,993,382	7,958,395
Cheese, processed.....	3	84	95,427	4,782	693,201	942,705
Fur dressing and dyeing.....	4	134	205,919	5,585	66,337	352,714
Fur goods.....	52	632	886,878	10,823	2,745,718	4,352,557
Gloves and mittens, leather.....	8	193	206,795	4,432	463,188	741,061
Miscellaneous leather goods.....	15	290	342,183	6,695	830,086	1,340,110
Sausage and sausage casings.....	8	87	136,301	15,349	764,725	932,180
Slaughtering and meat packing..	11	4,459	7,572,126	406,378	81,913,691	101,850,364
All other industries.....	5	122	167,602	8,678	568,646	856,721
Totals.....	125	7,160	11,470,455	616,090	93,579,130	120,193,432

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1945—con.
GREATER WINNIPEG—continued

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Textiles and Textile Products—						
Awnings, tents and sails.....	3	31	34,039	1,478	102,072	157,941
Bags, cotton and jute.....	5	264	377,422	17,742	5,944,550	6,870,703
Clothing, men's factory.....	34	1,821	1,965,242	33,862	4,518,234	7,621,412
Clothing, women's factory.....	34	1,345	1,744,803	23,825	4,524,977	7,512,673
Hats and caps.....	13	293	321,043	5,587	608,611	1,029,166
Hosiery and knitted goods.....	5	180	187,557	6,353	465,463	780,609
All other industries.....	4	57	72,006	3,964	23,978	165,585
Totals.....	98	3,991	4,702,112	92,811	16,187,885	24,138,089
Wood and Paper Products—						
Boxes and bags, paper.....	7	432	663,109	26,385	2,308,107	3,891,232
Boxes, wooden.....	4	254	353,179	16,221	463,954	959,632
Engraving, stereotyping and elec- trotyping.....	6	180	410,441	6,102	75,874	701,303
Furniture.....	40	409	620,434	22,392	669,556	1,660,315
Miscellaneous paper products.....	7	178	222,189	9,227	507,225	1,006,501
Miscellaneous wooden products.....	12	44	43,066	1,600	51,880	112,196
Planing mills, sash and door fac- tories.....	12	342	518,653	17,529	656,796	1,429,100
Printing and bookbinding.....	74	1,288	1,912,504	54,070	1,551,482	4,524,272
Printing and publishing.....	23	841	1,493,633	43,810	788,183	4,285,180
Roofing paper, etc.....	4	154	197,589	27,125	726,027	1,250,289
Trade composition.....	3	8	9,967	652	4,712	22,900
All other industries.....	17	379	582,472	68,084	663,997	1,748,597
Totals.....	209	4,509	7,027,236	293,197	8,467,793	21,591,517
Iron and Its Products—						
Agricultural implements.....	4	202	311,140	18,739	572,270	1,162,686
Automobile supplies.....	8	391	580,535	25,299	921,385	2,541,355
Castings, iron.....	4	575	1,136,736	44,061	546,160	2,288,622
Hardware, tools and cutlery.....	5	76	86,146	9,310	66,695	266,578
Iron and steel products, miscel- laneous.....	7	392	678,295	47,544	389,619	1,615,082
Machinery.....	10	319	516,530	27,168	327,882	1,052,430
Machine shops.....	20	244	425,290	14,227	312,731	936,255
Sheet metal products.....	13	605	932,599	44,840	1,411,631	2,858,752
All other industries.....	10	4,089	7,852,517	425,051	6,730,322	18,156,521
Totals.....	81	6,893	12,519,788	656,239	11,278,695	30,878,281
Non-ferrous Metal Products—						
Brass and copper products.....	5	184	309,766	34,376	703,212	1,357,964
Electrical apparatus and supplies.....	10	269	380,988	31,185	866,761	1,703,585
Jewellery and silverware.....	3	32	46,001	1,439	15,699	74,074
All other industries.....	5	90	101,895	14,636	359,401	574,221
Totals.....	23	575	838,650	81,636	1,945,073	3,709,844
Non-metallic Mineral Products—						
Cement products.....	3	19	34,223	431	4,648	64,426
Glass products.....	3	23	30,781	2,955	39,476	86,460
Miscellaneous non-metallic mineral products.....	5	48	55,611	5,313	64,025	239,104
Stone, monumental and ornamental	5	27	40,936	3,527	25,138	81,276
All other products.....	10	573	918,242	690,244	2,705,328	6,604,691
Totals.....	26	690	1,079,793	702,470	2,838,615	7,075,957
Chemicals and Allied Products—						
Gases, compressed.....	3	81	130,824	13,791	82,810	559,231
Medicinal and pharmaceutical pre- parations.....	7	192	257,465	10,630	536,414	1,410,105
Miscellaneous chemical products.....	5	30	41,938	756	134,938	250,937
Paints, pigments and varnishes.....	5	267	427,617	27,026	1,536,693	2,761,753
Soaps and washing compounds.....	6	106	167,449	32,102	777,087	1,383,901
Toilet preparations.....	4	31	27,519	641	62,870	131,321
All other industries.....	4	34	44,716	6,905	141,965	222,275
Totals.....	34	741	1,097,528	91,851	3,272,777	6,719,523

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1945—con.
GREATER WINNIPEG—concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Product
	No.	No.	\$	\$	\$	\$
Miscellaneous Industries—						
Brooms, brushes and mops.....	5	98	117,954	3,380	165,371	326,073
Mattresses and springs.....	6	468	762,394	26,824	1,868,746	3,361,250
Scientific and professional equip- ment.....	5	34	42,440	1,720	29,630	80,748
Signs, electric, neon and other.....	5	101	177,919	23,823	65,805	491,270
Stamps and stencils, rubber and metal.....	4	11	21,480	502	11,348	42,506
Statuary, art goods and novelties.....	5	44	34,114	524	76,167	135,990
All other industries.....	6	41	76,897	16,845	127,925	326,582
Totals.....	36	797	1,233,198	73,618	2,344,992	4,764,389
Totals, Greater Winnipeg.....	786	30,018	46,617,093	3,504,085	180,743,942	281,710,826

GREATER VANCOUVER

Vegetable Products—						
Aerated and mineral waters.....	10	160	258,163	22,279	362,172	1,355,502
Biscuits, confectionery, cocoa, etc.	26	498	604,009	42,013	1,236,201	2,772,204
Bread and other bakery products.....	126	1,680	2,522,121	194,824	3,927,824	8,557,483
Breweries.....	3	382	812,921	56,917	1,001,582	5,690,332
Foods, prepared stock and poultry.....	10	301	466,240	38,820	4,112,009	4,969,200
Foods, breakfast.....	3	12	13,240	1,157	44,025	73,575
Foods, miscellaneous.....	28	619	733,826	44,553	9,253,219	11,494,880
Fruit and vegetable preparations.....	18	880	1,162,308	63,061	5,194,126	7,666,764
Macaroni, vermicelli, etc.....	3	51	54,455	7,755	123,364	267,468
Tobacco, cigars and cigarettes.....	4	13	15,556	267	13,400	37,347
All other industries.....	10	1,334	2,164,389	411,148	13,949,831	25,304,497
Totals.....	241	5,930	8,807,228	882,794	39,222,753	68,189,252
Animal Products—						
Boots and shoes, leather.....	8	272	347,313	9,850	563,263	1,022,045
Butter and cheese.....	10	710	1,272,524	128,589	5,818,804	9,089,978
Dairy products, other.....	8	113	170,625	17,969	538,109	919,216
Fish curing and packing.....	22	1,033	1,468,507	88,679	9,084,549	13,486,564
Fur goods.....	15	110	132,585	4,203	253,752	476,467
Gloves and mittens, leather.....	3	76	103,557	1,041	139,636	265,787
Leather tanneries.....	3	31	49,339	5,187	190,210	284,263
Miscellaneous leather goods.....	7	133	155,480	2,961	219,294	527,784
Sausage and sausage casings.....	6	102	103,479	8,010	517,190	721,850
Slaughtering and meat packing.....	10	1,248	2,241,455	174,771	24,666,892	27,558,117
All other industries.....	1	1	1,832	—	2,265	3,617
Totals.....	93	3,829	6,046,696	441,260	41,993,964	54,355,689
Textiles and Textile Products—						
Awnings, tents and sails.....	5	186	249,321	6,608	472,243	914,192
Clothing, men's factory.....	12	303	353,213	7,429	669,636	1,320,410
Clothing, women's factory.....	20	491	603,284	7,261	826,512	1,801,191
Cotton and wool waste.....	3	23	28,553	6,458	153,507	208,033
Hosiery and knitted goods.....	3	140	204,531	4,153	290,447	630,109
Woollen cloth.....	3	114	153,569	19,713	406,180	943,777
All other industries.....	9	306	412,738	20,087	2,275,632	3,181,822
Totals.....	55	1,563	2,005,209	71,709	5,094,157	8,999,534
Wood and Paper Products—						
Blue-printing.....	4	17	18,717	1,839	17,536	65,410
Boat building.....	19	214	381,454	8,637	410,941	937,576
Boxes and bags, paper.....	7	450	576,057	25,777	1,881,215	3,283,646
Boxes, wooden.....	8	204	303,438	22,264	644,771	1,148,734
Coffins and caskets.....	3	55	72,410	1,387	228,996	385,504
Cooperage.....	3	40	66,708	2,694	137,221	229,565

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1945—con.

GREATER VANCOUVER—continued

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Wood and Paper Products—conc.						
Engraving, stereotyping and elec- trotyping.....	8	113	257,389	5,202	71,037	372,786
Furniture.....	77	1,169	1,586,230	47,234	1,897,279	4,326,119
Lithographing.....	6	151	284,570	8,569	372,479	916,590
Miscellaneous paper products.....	12	462	621,915	20,952	2,490,368	3,833,069
Miscellaneous wooden products.....	16	152	300,786	5,861	565,031	917,761
Planing mills, sash and door fac- tories.....	41	776	1,223,035	61,464	2,119,900	4,019,805
Plywood and veneer.....	6	1,248	2,029,700	95,740	3,192,066	7,865,396
Printing and bookbinding.....	89	687	1,120,034	26,825	822,741	2,361,778
Printing and publishing.....	14	1,118	2,087,982	35,084	1,098,232	5,361,796
Sawmills.....	82	5,804	10,757,980	401,075	19,279,921	39,575,452
Woodenware.....	4	61	84,820	2,248	72,510	180,741
Wood preservation.....	3	97	166,661	40,653	968,111	1,445,872
Wood turning.....	4	69	103,876	4,420	203,282	385,599
All other industries.....	10	991	2,122,489	500,243	3,319,028	7,255,577
Totals.....	416	13,878	24,166,281	1,318,168	39,792,665	84,868,776
Iron and Its Products—						
Automobile supplies.....	8	91	160,513	7,574	254,731	645,464
Boilers, tanks and platework.....	5	173	386,249	19,820	1,065,990	1,687,982
Castings, iron.....	14	398	765,373	33,240	430,949	1,592,825
Hardware, tools and cutlery.....	13	365	634,448	31,843	657,856	1,779,060
Heating and cooking apparatus.....	7	148	264,310	4,369	160,889	507,318
Iron and steel products, miscel- laneous.....	20	1,006	1,689,517	78,914	872,090	3,413,840
Machinery.....	27	2,891	4,166,977	98,227	3,974,987	11,768,524
Machine shops.....	47	539	1,034,608	27,471	630,187	2,185,861
Primary iron and steel.....	5	267	520,757	75,352	183,339	1,129,027
Sheet metal products.....	15	866	1,620,413	84,154	5,705,485	9,308,402
Shipbuilding and repairs.....	16	14,347	29,845,428	645,013	13,173,676	64,297,550
Wire and wire goods.....	7	385	684,276	30,685	2,713,551	4,858,009
All other industries.....	5	3,971	10,348,027	295,291	5,184,534	18,770,448
Totals.....	189	25,447	52,120,896	1,431,953	35,008,264	121,944,310
Non-ferrous Metal Products—						
Brass and copper products.....	14	251	517,528	26,549	407,657	1,179,512
Electrical apparatus and supplies..	14	315	469,151	16,615	694,762	1,799,874
Jewellery and silverware.....	5	75	117,363	1,099	115,630	335,781
White metal alloys.....	4	69	127,414	20,243	787,775	1,076,007
All other industries.....	1	45	84,477	3,910	36,703	182,512
Totals.....	38	755	1,315,933	68,416	2,042,527	4,573,686
Non-metallic Mineral Products—						
Cement products.....	9	107	149,188	8,056	315,835	535,633
Glass products.....	6	85	138,452	6,506	143,895	323,610
Miscellaneous non-metallic mineral products.....	6	60	120,216	12,617	142,345	238,411
Petroleum products.....	5	168	314,449	134,276	5,929,261	7,836,019
Stone, monumental and ornamental	8	28	46,362	2,763	26,076	117,290
All other industries.....	3	319	600,418	405,413	1,051,872	2,753,723
Totals.....	37	767	1,369,085	569,631	7,609,284	11,804,686

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1945—con.

GREATER VANCOUVER—concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Chemicals and Allied Products—						
Fertilizers.....	4	69	126,861	7,850	618,537	933,302
Miscellaneous chemical products..	6	21	24,608	1,047	56,513	161,045
Paints, pigments and varnishes....	6	125	231,931	16,460	744,836	1,423,345
Soaps and washing compounds....	11	123	175,667	13,145	496,976	1,208,951
Toilet preparations.....	3	3	3,041	113	4,875	12,505
All other industries.....	12	244	452,187	40,137	997,136	2,427,081
Totals.....	42	585	1,014,295	78,752	2,918,873	6,166,229
Miscellaneous Industries—						
Brooms, brushes and mops.....	4	107	137,305	2,697	152,523	352,836
Ice, manufactured.....	7	115	205,029	53,179	16,555	530,138
Mattresses and springs.....	4	286	416,839	12,778	880,998	1,632,666
Musical instruments and materials.	4	6	5,344	245	3,875	12,696
Scientific and professional equip- ment.....	5	421	811,796	13,277	449,464	1,292,878
Signs, neon, electric and other....	4	145	303,165	23,781	106,728	565,216
Stamps and stencils, rubber and metal.....	7	67	90,468	2,632	36,059	188,049
Statuary, art goods and novelties..	4	32	29,106	337	14,809	56,602
Toys.....	3	57	51,088	703	59,037	149,971
All other industries.....	6	116	148,174	4,643	185,710	417,778
Totals.....	48	1,352	2,198,314	114,272	1,905,758	5,198,830
Totals, Greater Vancouver...	1,159	54,106	99,043,937	4,976,955	175,588,245	366,100,992

APPENDIX II

Alphabetical List of the Products Reported as having been Manufactured in Canada in 1945

The appended list of the products of Canadian manufacturing industries presents the value and in most cases the quantity of the individual products in a much more detailed form. Prior to 1927, in presenting statistics of manufacturing production, the whole production of an establishment was taken as a unit. This not only prevented the presentation of production figures for specific products in detail, but also involved numerous inaccuracies in the production statistics of classes of commodities, owing to the fact that commodities which may be the major line of production in one establishment may also be products of secondary importance in another establishment where the major line of production puts the establishment into a different class. The statistics which follow, however, have been compiled by taking from the individual returns of each of the 29,050 manufacturing establishments covered, the value and, when given, the quantity of each commodity specified as produced by the establishment. In this way, detailed production figures are obtained for specific commodities and furthermore the total production of each commodity is brought together, no matter how varied may be the operations in different establishments producing it. Nevertheless it should be pointed out to those making use of these figures that there is one element of incompleteness about them. In the returns of many manufacturers, products of minor importance are grouped under the name "all other products". As will be seen from the group at the end of the list, the value of products not specified, while they may appear unimportant to the individual manufacturer, are, in the aggregate, a large amount, especially in the industries of the iron and steel group. It is obvious that one manufacturer may consider a product of insufficient importance to report separately for his establishment, while that same product may be reported separately by other establishments. In other words, included in the value of other products not specified at the end of the list, there are doubtless values which, had the products been specified by the manufacturer, would have been included in the values of commodities appearing on the list. However, the products not specified total only about 1.8 per cent in value of the whole manufacturing production, although in the iron and steel group this proportion is 4.6 per cent. With the exception of this group, therefore, the incompleteness of the figures on this account is insignificant.

There is no duplication in the listing of products, nor do any of the items include products listed in more detail under another name. It is possible, however, that essentially the same commodity produced in different establishments may have been called by different names; in such a case, which is probably a very rare one, the items would appear separately in the following list.

Alphabetical List of Products Manufactured in Canada, 1945

Items	Unit of Measure	Quantity	Value
			\$
Abrasive cloth.....	—	—	*
Abrasive paper.....	—	—	*
Abrasive wheels and segments.....	—	—	3,131,289
Absorbent cotton.....	—	—	*
Accelerators, synthetic.....	—	—	*
Acetaldehyde.....	—	—	*
Acetic anhydride.....	—	—	*
Acetone.....	—	—	*
Acetylene.....	cu. ft.	192,384,461	2,735,188
Acid, acetic.....	—	—	*
Acid, calcium phosphate.....	—	—	*
Acid, citric.....	—	—	*
Acid, cresylic.....	—	—	*
Acid, fatty, coconut, tallow, etc.....	lbs.	2,924,706	323,150
Acid, hydrochloric (Muriatic).....	—	—	*
Acid, naphthenic.....	lb.	1,600,742	85,640
Acid, nitric.....	—	—	*
Acid, oleic.....	—	—	*
Acid, phosphoric.....	—	—	*
Acid, stearic.....	—	—	*
Acid, sulphuric.....	lb.	406,146,385	3,741,193
Adhesives, n.e.s.....	—	—	224,603
Advertising matter, printed, n.e.s.....	—	—	14,327,566
Advertising novelties (see "Novelties").....	—	—	*
Agitators, mining and metallurgical.....	—	—	*
Agricultural implements and parts, n.e.s.....	—	—	4,037,673
Air conditioning equipment.....	—	—	776,188
Aircraft, including parts and repairs.....	—	—	307,364,895
Alcohol, denatured.....	{ Made Sold	Prf. gal. " 7,205,476 7,134,539	3,760,576 4,275,780
Alcohol, not denatured.....	{ Made Sold	" 12,057,529 11,644,013	6,451,855 6,826,374
Alkylation feed stocks.....	—	—	*
Alkylate.....	gal.	4,083,354	777,062
Alloy, die casting.....	lb.	5,279,635	456,225
Almond paste.....	—	—	*
Alumina, fused (crude).....	ton	133,192	13,573,311
Alumina, fused (abrasive grains).....	—	—	*
Aluminum sulphate and stearate.....	—	—	*
Aluminum products not specified.....	—	—	4,506,463
Ammonia, anhydrous.....	lb.	118,889,944	2,194,040
Ammonia, aqua.....	—	—	*
Ammonia, liquid.....	—	—	18,961
Ammonia, liquor.....	—	—	*
Ammonia, powder.....	lb.	4,560,683	198,589
Ammonium chloride.....	"	4,975,050	255,888
Ammonium nitrate.....	"	489,960,120	11,361,356
Ammonium perchlorate.....	—	—	*
Ammonium phosphate.....	—	—	*
Ammonium sulphate.....	ton	223,269	7,313,614
Ammunition (see "Munitions and supplies").....	—	—	*
Anti-freeze preparations.....	—	—	*
Apple butter.....	lb.	3,615	510
Apple pomace, chop and waste.....	"	3,549,349	58,592
Apple juice concentrate.....	gal.	835,490	1,344,143
Apples, evaporated and dehydrated, including "Apple sauce".....	lb.	5,947,833	1,245,813
Aprons, fabric.....	doz.	270,109	1,046,793
Aprons, rubber and oiled.....	"	9,609	119,739
Arm bands.....	"	11,758	20,064
Art needlework.....	—	—	167,420
Art work (printing).....	—	—	1,304,640
Asbestos clutch facings.....	—	—	*
Asbestos gaskets.....	—	—	*
Asbestos products, n.e.s.....	—	—	351,695
Asphalt.....	imp. gal.	69,302,852	6,097,027
Asphalt, emulsion.....	gal.	3,191,537	419,971
Asphalt products, n.e.s.....	—	—	110,824
Atomizers.....	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1945—Con.

Items	Unit of Measure	Quantity	Value
			\$
Automobiles, commercial—			
$\frac{3}{4}$ ton or less.....	For sale in Canada	No. 2,675	1,959,471
	For export	" 12,368	18,179,655
1 ton and less than $1\frac{1}{2}$ tons.....	For sale in Canada	" 723	621,419
	For export	" 1,246	1,072,598
$1\frac{1}{2}$ tons and less than 2 tons.....	For sale in Canada	" 1,273	1,500,331
	For export	" 7,252	5,616,021
2 tons and less than $2\frac{1}{2}$ tons.....	For sale in Canada	" 10,683	9,038,237
	For export	" 6,011	4,986,952
$2\frac{1}{2}$ tons and less than $3\frac{1}{2}$ tons.....	For sale in Canada	" 6,816	8,697,281
	For export	" 28,686	33,479,044
$3\frac{1}{2}$ tons and over.....	"	" 311	895,196
Other, not specified.....	"	" 23	276,000
Military vehicles.....	For sale in Canada	" 24,906	34,966,846
	For export	" 27,460	45,269,162
Automobiles, passenger.....	For sale in Canada	" 1,866	1,637,103
Automobiles, other—			
Buses and ambulances.....	—	—	1,417,897
Buses, being built.....	—	—	852,948
Bus bodies.....	—	—	620,570
Automobile bodies and cabs.....	—	—	22,254,094
Automobile cloth.....	yd.	84,216	166,975
Automobile parts and accessories, not specified.....	—	—	79,455,993
Automobile trailers.....	—	—	8,316,282
Awnings and verandah curtains.....	—	—	777,568
Axes and hatchets.....	No.	814,254	753,280
Axles and shafts, automobile.....	—	—	6,754,347
Axles and parts, not specified.....	—	—	*
Babies' high chair sets, commodes and other baby supplies.....	—	—	198,064
Babbitt metal.....	lb.	4,409,033	950,407
Badges, rosettes, buttons, etc.....	—	—	944,956
Bags, fabric—			
Cotton.....	doz.	4,450,741	8,055,597
Jute.....	—	7,377,251	16,966,145
Sleeping.....	—	—	486,532
Tea (paper and fabric).....	—	—	*
Cosmetic.....	—	—	97,447
Fabric, not specified.....	—	—	1,134,422
Bags, leather and imitation leather—			
Club bags and suit cases.....	—	—	1,898,886
Hand bags and parts.....	—	—	6,181,526
School bags.....	No.	179,710	141,259
Bags, paper—			
Glassine and cellophane.....	—	—	1,411,038
Millinery.....	—	—	376,236
Multi-wall sacks.....	—	—	*
Self opening.....	—	—	3,131,955
Paper, not specified.....	—	—	2,790,949
Bags, rubber, air and steam.....	No.	14,341	151,623
Bags, repaired.....	—	—	1,250,920
Bakers' equipment, n.e.s.....	—	—	31,412
Bale ties—quantity made.....	ton	5,232	—
quantity sold.....	"	5,311	497,661
Balloons.....	—	—	—
Balls, golf, tennis, footballs, etc.....	—	—	809,898
Barley, pot and pearl.....	lb.	7,947,705	210,487
Barley, roasted.....	"	191,950	9,091
Barn and stable equipment, not elsewhere specified.....	—	—	538,815
Barrels, wooden—			
Apple, etc.....	No.	794,050	1,181,933
Fish, slack.....	"	13,623	13,748
" tight.....	"	90,095	183,484
Flour, sugar, etc.....	"	80,598	80,913
Oil, vinegar, water, etc.....	"	305,206	1,342,651
Whiskey, beer, etc.....	"	6,213	95,910
Barrels, steel.....	—	—	1,750,015
Barrels, repaired, etc.....	—	—	129,106
Barrels, n.e.s.....	No.	40,618	56,700
Bars, iron and steel—			
Hot rolled, of all grades—			
Quantity made.....	net ton	574,446	—
Quantity sold.....	"	438,622	31,680,209

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1945—Con.

Items	Unit of Measure	Quantity	Value
			\$
Bars, iron and steel— <i>Concluded</i>			
All other, including cold rolled and cold drawn, spike rods, bolt stock, etc.—			
Quantity made.....	"	34,587	
Quantity sold.....	"	34,003	3,994,957
Bars and ingots, sold—			
Aluminum.....	lb.	4,555,335	1,326,393
Brass.....	"	9,020,307	1,215,604
Bronze.....	"	11,098,976	1,632,647
Basket bottoms.....	—	—	56,670
Baskets and crates, fruit and vegetable.....	—	—	2,539,518
Baskets, other, not specified.....	—	—	482,069
Bathing caps.....	doz.	40,045	230,134
Bathing suits.....	"	104,292	2,204,533
Bathrobes, kimonos, lounging jackets, etc.—			
Cotton.....	doz.	45,611	1,090,659
Silk and artificial silk mixed.....	"	41,095	2,648,052
Wool and flannel.....	"	14,148	1,000,639
Not specified.....	"	42,294	1,449,819
Bats, baseball.....	No.	157,638	127,302
Batteries—			
Storage, for automobiles and other internal combustion engines	No.	1,363,780	7,952,265
Storage, for railway service.....	no. of cells	9,555	216,540
Storage, for motor cycle starting.....	No.	5,240	19,607
Storage, for telephone switch boards.....	"	4,663	77,601
Storage, for farm lighting plants.....	no. of cells	96,170	605,161
Storage, for all other purposes.....	—	—	1,233,014
Dry-cell, all kinds.....	—	—	6,138,775
Parts, supplies and primary wet cells.....	—	—	2,327,752
Battling, wadding, flocks and rolls (including auto batts).....	—	—	1,210,070
Bearings, roller and parts.....	—	—	724,275
Beauty parlour and barber equipment, n.e.s.....	—	—	290,419
Beds and couches—			
Metal and iron beds.....	No.	208,777	1,933,952
Studio couches, metal.....	"	42,015	1,130,292
Studio couches, other.....	"	30,612	1,114,396
Metal couches, other.....	"	12,023	162,955
Metal and other cots and bunks.....	"	67,614	419,864
Cribs, all kinds.....	"	37,643	304,483
Beds, camp and other, n.e.s.....	—	—	14,352
Bedspreads and bed sets—			
Cotton.....	No.	224,275	1,949,589
Silk and artificial silk.....	"	56,589	146,335
Not specified.....	"	16,702	149,205
Beef extract.....	—	—	*
Beekeepers' supplies, n.e.s.....	—	—	459,377
Beer, ale, stout and porter—			
In barrels.....	gal.	41,403,086	39,040,244
In bottles.....	"	87,506,772	118,527,998
Beer, spruce.....	—	156,457	166,380
Beet pulp, wet and dried.....	ton	104,611	457,274
Bells and gongs.....	—	—	46,461
Belting, leather (transmission).....	lb.	681,020	1,323,286
Belts, automobile, fan.....	No.	1,639,262	712,355
Belting, rubber.....	lb.	6,961,500	4,141,346
Belts, rubber, not specified.....	No.	719,064	492,037
Belts and aprons, sanitary.....	—	—	74,848
Belts, body, not specified.....	—	—	1,577,300
Benzol.....	imp. gal.	7,412,377	1,009,159
Bicycles.....	No.	74,337	2,002,550
Bicycle parts.....	—	—	87,055
Billiard and bowling supplies, n.e.s.....	—	—	423,240
Binders, loose-leaf and other.....	—	—	1,269,806
Binders, grain and corn.....	—	—	4,633,427
Binding and stitching (trade work).....	—	—	916,464
Bindings (see also "Tapes").....	—	—	876,185
Bins and hoppers.....	—	—	83,696
Biological products, n.e.s.....	—	—	2,301,008
Biscuits, plain and fancy.....	ton	46,395	16,599,362
Biscuits, soda.....	"	26,675	8,519,873
Black acetylene.....	—	—	*
Blackboards, asbestos.....	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1945—Con.

Items	Unit of Measure	Quantity	Value
			\$
Blankets—			
Cotton.....	pair	1,851,118	
Cotton warp.....	or lb.	5,563,003	3,147,396
Wool.....	pair	25,127	
Wool and cotton mixed.....	or lb.	161,968	103,258
Slumber throws.....	pair	744,075	
Not specified.....	or lb.	4,968,895	5,361,147
Blankets, horse.....	pair	59,736	
Bleaching compounds.....	or lb.	376,614	234,061
Blinds, venetian (see "Shades and blinds").....	No.	127,517	593,600
Blooms, billets and slabs.....	No.	—	129,028
Blouses, women's.....	No.	142,388	440,063
Blouses and shirtwaists, boy's (see "Shirts").....	—	—	210,762
Blowers, furnace.....	—	—	17,732,009
Blue, laundry.....	doz.	515,001	8,255,617
Boats, life and whale.....	No.	3,379	149,070
Boats, motor.....	—	—	71,628
Boats, outboard motor.....	No.	543	766,428
Boats, scows, tugs, and other craft.....	"	368	481,773
Boats, sail.....	No.	2,168	245,348
Boats, other, including row boats, skiffs, etc.....	No.	80	3,792,439
Boat parts.....	"	3,438	189,683
Boiler compounds.....	—	—	229,648
Boilers, heating.....	—	—	823,292
Boilers, power.....	No.	14,347	2,802,805
Boilers, range.....	—	—	9,107,846
Boiler parts and accessories.....	—	—	1,163,823
Bologna and blood pudding.....	—	—	1,741,850
Bolt boards.....	lb.	3,714,452	559,887
Bolts, nuts and rivets.....	—	—	48,716
Bone meal.....	—	—	9,058,225
Bone, raw, ground, etc.....	lb.	18,535,219	468,399
Books, printed and bound.....	—	25,088,210	534,664
Books and pads, drawing, exercise, scribblers, etc., not elsewhere specified.....	—	—	6,612,473
Books, ledger and account.....	—	—	1,934,822
Books, counter, check, sales, etc.....	—	—	582,915
Books, blank, bound, not specified.....	—	—	1,277,071
Boron carbide.....	—	—	534,331
Bottles, thermos.....	—	—	*
Bowling supplies (see "Billiard and bowling supplies").....	—	—	*
Box toes.....	—	—	150,152
Boxes, paper—			
Corrugated.....	—	—	22,346,095
Fibre board.....	—	—	1,048,083
Folding.....	—	—	14,208,471
Mailing tubes and other round.....	—	—	*
Set-up.....	—	—	8,466,433
Not specified.....	—	—	54,595
Boxes, wooden—			
Ammunition.....	M ft.		
Apple.....	B.M.	12,040	1,406,390
Berry.....	No.	485,600	94,734
Butter.....	"	22,047,077	139,267
Cheese.....	"	2,065,370	751,721
Cigar and tobacco.....	"	1,454,170	551,034
Fish.....	—	—	*
Meat.....	No.	1,964,063	670,439
Plywood.....	"	2,796,275	1,455,811
Veneer.....	"	802,031	1,417,803
Boxes, wooden, not specified.....	"	4,446,553	2,404,096
Boxes, other, not specified.....	—	—	362,858
Box panels, plywood.....	—	—	10,595,344
Braid and gimps.....	—	—	*
Brake beams and parts.....	—	—	1,457,970
Brakes, auto, and parts.....	—	—	208,718
Brakes, brake shoes and parts.....	—	—	1,825,278
	—	—	1,282,209

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1945—Con.

Items	Unit of Measure	Quantity	Value
			\$
Bran.....	ton	350,168	8,068,812
Brass ingots.....	lb.	7,329,539	911,671
Brass products, not specified.....	—	—	173,263
Bread boards.....	—	—	39,554
Bread.....	lb.	1,291,903,364	73,769,296
Breakfast foods (see "Cereal products")	—	—	*
Brewery and distillery equipment.....	—	—	205,983
Bricks, cement.....	M	200,447	4,578,189
Bricks, from domestic clay.....	M	16,212	274,794
Bricks, sand-lime.....	—	—	*
Briquettes, coal and coke.....	—	—	*
Brooms—			
Corn.....	doz.	263,294	1,788,176
Fibre.....	"	30,165	244,217
Hair.....	"	3,810	72,357
Tov.....	"	6,543	11,506
Other.....	"	1,331	21,475
Bronze ingots.....	lb.	10,670,093	1,511,521
Bronze products, n.e.s.....	—	—	*
Brushes—			
Made of corn and fibre.....	doz.	20,707	57,660
Clothes.....	"	27,891	77,260
Generator and motor.....	—	—	422,633
Hair.....	doz.	68,158	551,929
Nail.....	"	56,765	63,680
Paint.....	"	592,308	2,510,422
Shaving.....	"	98,930	571,977
Shoe.....	"	28,788	65,360
Tooth.....	"	623,901	946,111
For household purposes.....	"	301,408	778,318
For industrial use.....	"	177,194	919,210
Others, not specified.....	"	845,117	434,431
Brush blocks, backs, etc.....	—	—	63,181
Buckles, clips, etc.....	—	—	152,815
Buffing composition.....	—	—	37,006
Buffing wheels.....	—	—	*
Bufs, polishing, cotton.....	—	—	210,167
Building blocks, hollow, cement, cinder, sand-lime, etc.....	—	—	2,341,378
Bungs, barrel.....	—	—	19,050
Buns.....	—	—	14,864,345
Burlap.....	—	—	23,212
Burners, lamp.....	—	—	*
Butane.....	gal.	3,561,006	496,517
Butter, factory made.....	lb.	293,782,846	101,398,478
Butter, whey, factory made.....	—	2,804,727	889,220
Buttons—			
Celluloid.....	gr.	56,693	286,508
Plastic.....	"	862,028	634,872
Metal.....	"	1,127,828	263,561
Moulded.....	"	3,385,846	841,815
Pearl.....	"	366,863	279,896
Not specified.....	—	—	636,097
Button covering, hemstitching, etc.....	—	—	937,215
Butyl acetate.....	—	—	*
Cabinets, medicine.....	—	—	67,622
Cabinets, phonograph and radio.....	No.	42,231	378,181
Calcium chloride.....	—	—	*
Calcium carbide.....	—	—	*
Calcium cyanamide.....	—	—	*
Calcium cyanide.....	—	—	*
Calcium naphthenate.....	—	—	*
Calcium phosphide.....	—	—	*
Calcium stearate.....	—	—	*
Calks, horseshoe and other.....	—	—	*
Camel back.....	lb.	4,458,922	1,534,468
Cameras.....	—	—	*
Candles.....	—	—	1,411,817
Candy sticks.....	—	—	33,209
Canoes.....	No.	3,219	264,695
Cans, paper or fibre, metal ends and other.....	"	—	3,145,799
Cans, tin, general line.....	—	—	11,207,492

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1945—Con.

Items	Unit of Measure	Quantity	Value \$
Cans, tin, packers' sanitary	—	—	25,117,275
Cans, tin and metal, other	—	—	1,136,426
Canvas and canvas goods, not elsewhere specified	—	—	504,358
Capacitors (static condensers) for power factory correction	—	—	*
Caps—			
Cloth	doz.	240,971	1,851,300
Cotton	"	59,864	164,492
Fur	"	5,172	185,240
Leather	"	12,736	123,432
Sport	"	44,635	188,072
Uniform	"	56,941	832,373
Not specified	"	13,119	94,253
Caps, bottle, paper	—	—	904,779
Caps, bottle, metal and other	—	—	5,509,127
Carbamite	—	—	*
Carbon dioxide gas	—	—	*
Carbon dioxide in cylinders	lb.	11,580,736	832,267
Carbon dioxide, solid	—	9,314,705	332,921
Carbon bisulphide	—	—	*
Carbons, illuminating, for lamps	—	—	*
Carbon products, not specified	—	—	*
Carburizing chemicals	—	—	*
Cards, greeting	—	—	4,883,239
Cards, playing	—	—	*
Cards, visiting	M	24,196	54,669
Carpets, mats and rugs—			
Carpets in rolls, including stair—			
Axminster	carpet yd.	257,633	641,161
Wilton	"	293,543	1,078,279
Other, not specified	"	48,379	98,576
Carpets in squares, 4'6" by 7'6" or larger—			
Axminster	"	382,497	978,424
Wilton	"	155,384	576,881
Small squares and runners—			
Axminster	"	44,359	131,256
Wilton	"	6,164	24,380
Other, not specified	"	70,143	190,980
Rugs and carpets, not specified	"	418,300	1,254,900
Rugs made from old carpets	—	—	63,567
Carpet sweepers	—	—	*
Carriages and wagons, complete	—	—	150,070
Carriages and sleighs, baby	—	—	1,877,580
Carriage and wagon bodies and boxes	—	—	62,060
Carriage and wagon materials	—	—	465,803
Carriers, litter	—	—	*
Cars, electric, railway, new	—	—	*
Cars, steam, railway, new	No.	13,480	47,570,897
Cars, dump, hand, push and other, not specified	—	—	1,968,464
Carvings, wood and other	—	—	23,415
Casein	lb.	5,631,224	1,079,700
Cases, clock	—	—	*
Cases, eye-glass and jewellery	—	—	519,596
Cases, leather, all kinds	—	—	667,716
Cases, toiletware and silverware	—	—	264,540
Cases, not specified	—	—	935,160
Caskets	No.	99,506	3,361,700
Casks, fish	"	26,172	48,843
Casks, other	—	—	1,339
Castings—			
Aluminum	lb.	7,165,914	3,990,019
Brass	"	28,309,953	6,323,765
Bronze	"	21,693,958	5,165,966
Copper	"	131,012	46,632
Die	—	—	2,835,227
Grey iron	ton	195,922	22,012,359
Malleable iron	"	33,505	5,917,213
Iron, not specified	—	—	116,472
Lead	ton	475	120,701
Steel—			
Quantity made	net ton	120,778	
Quantity sold	"	102,975	24,747,883

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1945—Con.

Items	Unit of Measure	Quantity	Value
			\$
Castings, not specified.....	—	—	741,340
Castors, all kinds.....	—	—	476,924
Catalogues, printed, etc.....	—	—	3,735,596
Catsup (see "Tomato catsup").....	—	—	—
Ceiling and siding, metal.....	—	—	20,227
Celluloid products, not specified.....	—	—	66,526
Cellulose products, n.e.s.....	—	—	*
Cement, Portland—			
Quantity made.....	bbl.	7,819,412	—
Quantity sold.....	"	8,471,679	15,422,031
Cement, rubber.....	—	—	460,700
Cement and cement products, not specified.....	—	—	1,104,597
Cereal products, prepared, ready to serve.....	lb.	77,103,595	11,054,913
Cereal products, unprepared.....	"	22,330,587	1,509,632
Cerelose.....	—	—	*
Cerium.....	—	—	*
Certificates, stock, bond, etc., printed.....	—	—	1,877,046
Chains, automobile.....	—	—	2,287,353
Chains, other than automobile, including sprocket chain.....	—	—	3,520,873
Chamois products.....	—	—	539,827
Chaplets, foundry.....	—	—	158,154
Chaps.....	—	—	*
Charcoal.....	—	—	824,571
Cheese, Canadian cheddar.....	lb.	187,928,315	38,272,224
Cheese, other than cheddar.....	"	793,657	224,892
Cheese, creamed.....	"	2,959,268	1,233,058
Cheese, skim milk and cottage.....	"	4,729,190	567,270
Cheese, processed and packed.....	"	33,448,482	9,850,077
Cheesecloth.....	—	—	164,858
Chemical products, not elsewhere specified.....	—	—	1,578,823
Cheques, notes, drafts, bank notes, etc., printed.....	—	—	1,226,973
Chests, cedar.....	—	—	869,546
Chests, other, wood.....	—	—	29,220
Chewing gum.....	boxes	8,055,271	4,191,728
Chicken, canned (see "Meats, canned").....	—	—	*
Chicory, roasted.....	—	—	393,893
Children's wear, not elsewhere specified.....	—	—	117,014
Chloride of lime.....	—	—	*
Chlorine, liquid.....	—	—	—
Chocolate coating.....	lb.	10,528,729	1,983,130
Choppers, food.....	—	—	71,485
Churns.....	—	—	2,671
Cider (for sale).....	—	—	—
Cigars.....	M	207,861	11,715,058
Cigarettes.....	"	17,684,707	207,612,532
Cinder blocks (see "Building blocks").....	—	—	—
Classifiers, metal working.....	—	—	45,498
Clay, bentonite and other.....	—	—	204,490
Cleaners, vacuum and parts.....	—	—	941,685
Cleaner, hand.....	—	—	272,092
Cleaner, fabric, floor and window.....	—	—	127,004
Cleaning and scouring powder and paste.....	—	—	1,491,508
Cleaning preparations, other.....	—	—	1,026,145
Clips and staples, wire.....	—	—	139,787
Clocks.....	—	—	1,064,375
Cloth, gummed.....	—	—	*
Clothes driers.....	—	—	20,072
Clothes pins.....	gross	545,192	172,015
Clothes hampers.....	—	—	179,528
Clothing, rubber, n.e.s.....	—	—	386,369
Clothing, anti-gas.....	—	—	25,682
Clothing, military, not elsewhere specified.....	—	—	2,750,220
Clothing, safety.....	—	—	90,326
Clothing, sport and athletic—			
Jackets and blazers (see "Coats, jackets, etc.").....	—	—	—
Suits, ski, etc.....	—	—	3,043,933
Slacks.....	—	—	2,506,486
Shorts.....	doz.	131,829	1,436,747
Parkas and hoods.....	—	—	2,342,327
Other sport clothing.....	—	—	58,464
Clothing, hospital.....	—	—	278,048
Clothing, oiled and waterproofed.....	—	—	660,163

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1945—Con.

Items	Unit of Measure	Quantity	Value [*]
			\$
Clothing, not specified.....	—	—	706,069
Coats and jackets—			
Boys' overcoats and reefers.....	No.	87,227	856,616
Men's overcoats.....	"	814,580	14,812,243
Women's and misses' coats—			
Woollen.....	"	1,504,116	28,907,608
Other.....	"	12,440	202,852
Children's coats—			
Woollen.....	"	683,901	4,252,960
Other.....	"	47,932	189,655
Boys' separate jackets—			
Woollen.....	"	11,025	52,016
Other.....	"	21,264	37,094
Men's separate jackets—			
Woollen.....	"	210,336	2,260,134
Other.....	"	33,782	84,408
Women's separate jackets—			
Woollen.....	"	158,354	995,045
Other.....	"	159,147	524,577
Children's separate jackets—			
Woollen.....	"	60,444	158,462
Other.....	"	35,607	73,157
Windbreakers.....	doz.	140,044	6,477,559
Coats and vests, leather, n.e.s.....	—	—	547,974
Other sport jackets, not specified.....	—	—	67,232
Mackinaw and bush coats.....	doz.	21,440	1,508,654
Rubber and rubberized coats.....	"	8,190	447,165
Oiled and other waterproofed coats.....	"	44,048	4,043,926
Washable coats, duck, denim, etc.....	"	4,739	123,166
Brunch coats and house coats.....	—	—	506,483
Other cloth coats, not specified.....	—	—	813,210
Coats, fur—			
Children's.....	No.	722	22,152
Ladies' (coats and capes).....	"	206,799	36,266,161
Men's.....	"	1,326	276,997
Coats, fur-lined.....	"	3,723	220,659
Coat shells and plates.....	—	—	1,363,615
Cobalt naphthanate.....	—	—	*
Cocoa (made for sale).....	lb.	14,645,490	2,077,928
Cocoa butter—			
Made for own use.....	"	7,905,958	—
Made for sale.....	"	4,549,762	1,479,258
Cocoa and chocolate preparations, not elsewhere specified (for sale).....	—	—	505,414
Coffee, roasted.....	lb.	58,861,368	21,120,177
Coffee, substitute.....	—	—	*
Coffee makers, non-electric.....	—	—	*
Coffins.....	No.	4,991	61,119
Coffin boxes (shells).....	"	70,820	414,179
Coils.....	—	—	59,180
Coke, gas-house.....	ton	3,912,320	37,671,991
Coke, petroleum.....	"	66,819	509,202
Coke, pitch.....	"	17,795	128,968
Cold storage equipment.....	—	—	198,927
Collars and cuffs, men's.....	—	—	111,469
Collars, fur.....	No.	127,841	1,997,185
Colours, butter, cheese and other.....	—	—	197,795
Colours, dry.....	—	—	1,374,087
Colours, in oil and japan.....	—	—	*
Combs.....	No.	16,044,972	1,252,781
Comforters—			
Cotton.....	"	106,532	324,967
Down.....	"	10,935	142,549
Wool.....	"	89,242	412,941
Not specified.....	"	34,657	62,640
Communication systems (see "Radio communication equipment")	—	—	—
Compressors, air.....	—	—	6,157,755
Concrete, ready mixed.....	cu. yd.	401,122	3,082,833
Conduit, electrical, rigid iron.....	lb.	15,732,238	2,171,053
Conduit, electrical, flexible.....	—	—	*
Conduit fittings.....	—	—	449,330
Conduit and parts, not specified.....	—	—	368,585

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1945—Con.

Items	Unit of Measure	Quantity	Value
			\$
Cones, ice cream.....	M	321,196	804,156
Cones and tubes, textile winding.....	—	—	*
Confectionery, chocolate—			
In bulk.....	lb.	15,875,386	5,413,238
In bars.....	doz.	50,233,551	18,790,102
In packages.....	lb.	12,346,558	5,076,477
Not specified.....	"	302,607	126,112
Confectionery, sugar—			
In bulk.....	"	36,991,820	6,479,532
In bars.....	doz.	2,018,231	754,184
In packages.....	lb.	8,213,436	3,137,244
Penny goods.....	gr.	1,213,404	1,076,136
Lozenges.....	lb.	545,080	156,091
Confectionery, not specified.....	—	865,835	267,009
Containers, not specified.....	—	—	453,016
Control and starting equipment, not elsewhere specified.....	—	—	4,228,611
Converter equipment, electrical.....	—	—	1,211,452
Coolers, milk and other.....	—	—	338,846
Cooperage products, not specified.....	—	—	198,151
Copper alloys.....	—	—	*
Copper naphthenate.....	—	—	*
Copper and copper products, not specified.....	—	—	380,983
Cores, for paper rolls.....	—	—	489,827
Cores, radiator.....	—	—	307,830
Cores, textile winding.....	—	—	91,332
Cork products.....	—	—	*
Corn, cracked.....	lb.	3,241,200	85,894
Corsets, girdles, brassieres, etc.—			
Corsets.....	doz.	147,530	3,765,101
Combination garments.....	"	35,596	1,177,005
Bandeaux, brassieres, etc.....	"	419,889	3,603,638
Suspender girdles, shoulder straps, etc.....	—	—	195,580
Corset steels and clasps.....	—	—	*
Cotter pins.....	—	—	*
Cotton fabrics—			
Unbleached or grey.....	lb.	59,190,885	
Bleached or white.....	y.d.	167,070,205	26,636,605
Yarn and stock, dyed.....	lb.	7,097,897	
Piece dyed.....	y.d.	28,971,545	4,337,532
Printed and painted.....	lb.	12,456,487	
Pillow cotton.....	y.d.	31,155,040	6,175,655
Cotton and continuous filament, artificial silk, mixed, mostly cotton.....	lb.	13,587,983	
* Not specified.....	y.d.	44,395,393	9,113,889
Counters, shoe.....	lb.	13,834,594	
Couplings, flexible.....	y.d.	59,398,724	10,059,468
Covering, boiler and pipe, asbestos.....	lb.	399,190	
Covers, canvas.....	y.d.	1,006,666	222,240
Covers, couch, table, and other furniture.....	y.d.	2,002,766	882,326
Covers, mattress.....	"	2,172,968	1,484,197
Covers, radiator, tire, seat, etc., fabric.....	pair	27,173,397	475,859
Covers, not specified.....	—	—	85,129
Crankings.....	sq. ft.	4,156,765	653,533
Crayons, wax and chalk.....	—	—	4,073,650
Cream curd.....	—	—	234,310
Cream, sold in dairy factories.....	—	—	71,524
Cream, whey, sold in dairy factories.....	—	—	750,613
Cream of tartar, refined.....	—	—	978,638
Cream separators.....	lb.	40,186,826	864,290
Cresols.....	—	—	167,720
Croquet sets.....	lb.	1,224,649	345,365
Cross arms.....	"	19,889,770	14,875,221
Croton aldehyde.....	"	1,118,651	353,936
Crucibles, clay.....	"	193,042	163,577
Crushers and parts.....	No.	30,981	1,871,875
Cuffs, fur.....	—	—	*
	—	—	*
	—	—	131,710
	—	—	*
	—	—	*
	—	—	150,807
	—	—	87,436

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1945—Con.

Items	Unit of Measure	Quantity	Value
			\$
Cultivators.....	—	—	867,014
Cumene.....	—	—	1,922,805
Cups, paper, drinking.....	—	—	*
Curtains, shower.....	—	—	13,834
Curtains and curtain materials.....	—	—	2,352,400
Curtain rods and fixtures.....	—	—	394,833
Cushions.....	—	—	445,190
Cushion forms.....	No.	239,229	141,632
Cushions and mattresses, air and sponge.....	doz.	1,461	55,404
Cutting blocks and tables, butchers'.....	—	—	68,200
Cutlery, all kinds.....	—	—	253,839
Dairy products, not specified.....	—	—	250,304
Dairy equipment, not specified.....	—	—	651,226
Decorations, including party favours, confetti, etc.....	—	—	539,164
Dentifrices.....	—	—	3,818,569
Dentists' supplies, not elsewhere specified.....	—	—	172,403
Deodorant.....	—	—	391,832
Depressors, tongue.....	—	—	*
Desk sets.....	—	—	56,609
Dextrine.....	—	—	*
Dextrose (see "Glucose").....	—	—	*
Diamonds (gems).....	—	—	85,286
Diaries, printed, etc.....	—	—	*
Dibutyl phthalate.....	—	—	*
Dicyandiamide.....	—	—	*
Dies, aluminum.....	—	—	*
Dies, stamping, drawing and cutting.....	—	—	505,308
Dies, metal working, n.e.s.....	—	—	1,693,298
Dies, taps and stocks.....	—	—	364,658
Dies, rubber, n.s.....	—	—	121,643
Diggers, potato.....	—	—	188,139
Dinnerware, china.....	—	—	*
Discs, agricultural.....	No.	6,199	1,153,433
Dish cloths.....	doz.	155,892	90,148
Disinfectants.....	—	—	583,054
Display forms, and mounting.....	—	—	858,742
Distillers' grain (see "Grain, distillers'").....	—	—	—
Dog collars.....	No.	56,977	36,302
Doilies, paper, dinner cloths, etc.....	—	—	120,766
Dolls of all kinds.....	doz.	216,287	1,402,971
Dolls' furnishings and parts.....	—	—	58,391
Doors, metal clad.....	—	—	230,410
Dowels.....	—	—	491,525
Draperies and drapery material.....	—	—	305,471
Dresses, women's and misses'—			
Cotton (see also "Coats, brunch coats, house coats, etc.")...	No.	3,846,190	6,867,402
Linen.....	"	110,890	273,048
Artificial silk and mixtures.....	"	7,545,735	36,187,800
Velvet.....	"	12,285	124,396
Woolen.....	"	471,975	4,044,828
Not specified.....	"	17,751	80,944
Dresses, children's—			
Cotton.....	"	3,042,724	2,662,721
Artificial silk and mixtures.....	"	1,445,961	1,956,382
Woolen.....	"	123,235	299,026
Linen.....	"	20,004	38,090
Not specified.....	"	46,629	115,161
Dressing gowns, negligees (see "Bathrobes"), etc.....	—	—	—
Dressing, salad.....	lb.	8,430,374	2,173,192
Drilling machines.....	—	—	*
Drills, grain.....	No.	13,637	2,453,515
Drills, twist and other.....	—	—	4,257,326
Drills, mining and metallurgical.....	—	—	2,010,968
Drives, V-belts.....	—	—	542,819
Druggists' sundries—			
Hot water bottles.....	doz.	51,805	312,964
Finger cots and pads.....	"	19,196	4,515
Nipples and soothers.....	"	625,063	187,546
Ice caps and collars.....	"	4,435	24,741
Not specified.....	—	—	79,614

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1915—Con.

Items	Unit of Measure	Quantity	Value
			\$
Drums, veneer and plywood.....	No.	235,960	269,654
Dyeing, finishing, shrinking, etc.—†			
Dyeing and finishing of textiles.....	yd.	61,722,136	5,483,574
Dyeing and finishing of yarns.....	lb.	2,813,513	936,786
Dyeing and finishing of other products.....	—	—	132,668
Bleaching, sponging, dyeing, etc., custom.....	—	—	1,826,551
Dyes, blended and packaged.....	—	—	347,411
Dyes and dressing, leather.....	—	—	567,711
Ear muffs.....	—	—	*
Eavestrough and pipe.....	—	—	534,000
Economizers.....	—	—	*
Egg substitute, including powdered albumen.....	—	—	25,038
Eggs, frozen.....	lb.	4,420,436	1,196,324
Eiderdown (see "Woollen cloth").....	—	—	—
Elastic products, not elsewhere specified.....	—	—	18,994
Electric heating elements (sold separately).....	—	—	366,075
Electrical apparatus, parts and supplies, not elsewhere specified.....	—	—	5,149,271
Electrical instruments and meters, except ammeters for autos.....	—	—	3,457,873
Electrodes, carbon and graphite.....	net ton	33,966	3,916,376
Electrotyping and stereotyping.....	—	—	2,197,280
Elevator parts.....	—	—	1,611,488
Elevators, freight and passenger.....	—	—	1,721,786
Embalming fluid.....	—	—	162,537
Emblems, badges and medals.....	—	—	609,644
Embossing.....	—	—	88,831
Embroideries and laces.....	—	—	1,255,895
Embroidery, custom.....	—	—	1,340,715
Enamel frit.....	lb.	4,213,824	368,462
Enamels, oil and synthetic type.....	imp. gal.	2,863,575	8,345,718
Enamel, not specified.....	—	—	20,274
Engines, auto.....	—	—	*
Engines, auto, parts.....	—	—	936,747
Engines, gasoline.....	—	—	1,160,084
Engines, steam.....	—	—	4,059,543
Engines, diesel and other, not specified.....	—	—	4,869,285
Engine and turbine parts.....	—	—	2,705,054
Engraving (trade work).....	—	—	403,539
Ensilage cutters.....	No.	228	71,457
Envelopes, made.....	—	—	4,575,454
Envelopes, printed.....	—	—	3,403,674
Ethyl acetate.....	—	—	*
Evaporators, commercial.....	No.	8,116	272,524
Eveners.....	—	—	87,007
Excelsior, paper.....	—	—	45,168
Excelsior, wood.....	ton	5,697	183,836
Excelsior pads, wrappers, etc.....	—	—	239,374
Explosives.....	—	—	27,758,430
Extracts, flavouring (bakers, confectioners, etc.).....	—	—	3,577,450
Extracts, flavouring, concentrates, etc. (used for soft drinks).....	—	—	6,258,450
Fabrics, coated and impregnated, not elsewhere specified.....	—	—	3,672,873
Fabrics, rubberized and waterproofed.....	—	—	1,695,849
Fabrics, not specified.....	—	—	499,005
Facial tissue (see "Tissue, cleansing").....	—	—	—
Facing and parting, foundry.....	ton	1,979	230,197
Fanning mills.....	—	—	*
Fans, electric.....	No.	14,123	453,935
Fasteners, zipper.....	ft.	21,988,947	3,228,225
Fasteners, zipper, parts.....	—	—	*
Fasteners of all kinds, n.e.s.....	—	—	402,066
Fats, n.s.....	—	—	34,924
Feathers, millinery.....	—	—	405,788
Feed, chopped grain.....	—	—	49,358,018
Feed, stock, poultry, etc. (see "Foods").....	—	—	—
Felt, coated and saturated (fabric).....	—	—	627,428
Felt, cotton.....	lb.	5,673,340	661,282
Felt, hair and jute.....	"	434,401	85,066
Felt, harness and athletic.....	"	341,418	182,309
Felt, for pulp and paper making.....	"	3,238,880	4,084,926

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1945—Con.

Items	Unit of Measure	Quantity	Value \$
Felt, padding.....	—	—	192,794
Felt, paper (see "Paper")	—	—	*
Felt insole.....	lb.	216,092	95,661
Felt, shoe and gaiter.....	—	—	449,346
Felt, not specified.....	—	—	1,651,478
Fences, electrical and equipment.....	—	—	277,119
Fences, not specified.....	—	—	5,251
Fencing, wire.....	—	—	2,093,202
Fencing, chain link.....	—	—	194,260
Fencing, snow.....	—	—	454,504
Ferro-alloys (ferro-silicon, ferro-chrome, ferro-manganese, silicon spiegel, etc.).....	—	—	15,928,052
Ferro-phosphorus.....	—	—	*
Fertilizers.....	ton	539,546	16,258,606
Fertilizer sowers.....	No.	471	40,986
Files and rasps.....	—	—	*
Filing system supplies.....	—	—	1,158,437
Fillers, non-metallic minerals.....	—	—	—
Fillers and flats, egg-case.....	—	—	1,001,482
Filling, pie and cake.....	lb.	11,523,790	1,460,979
Film, motion picture.....	—	—	*
Films, photographers'.....	—	—	*
Filters and filter presses.....	—	—	235,770
Fire clay.....	ton	4,266	31,416
Fire extinguishers.....	—	—	1,539,049
Fire fighting and fire protection equipment, not elsewhere specified	—	—	1,841,886
Fireplace furnishings.....	—	—	165,572
Fireworks (see "Pyrotechnics")	—	—	—
Fish, canned and otherwise prepared in factories.....	—	—	47,010,832
Fish, fresh, marketed for consumption, sold in factories.....	—	—	38,569,015
Fishing nets.....	—	—	*
Fishing tackle.....	—	—	560,026
Fittings, ship.....	—	—	2,430,655
Fixtures, lighting, exterior.....	—	—	375,602
Fixtures, lighting, interior.....	—	—	7,115,802
Fixtures, lighting, not specified.....	—	—	1,476,637
Flags and bunting.....	—	—	402,668
Flashlights.....	—	—	—
Flatware, electro-silver plated and sterling.....	—	—	3,054,521
Flax fibre.....	lb.	1,871,428	914,295
Flax products.....	—	—	322,792
Floor covering, including oilcloths, etc.....	—	—	*
Flooring, hardwood.....	M ft. b.m.	34,846	3,581,941
Floor tile and joists, steel.....	—	—	*
Flotation machines (mining and metallurgical).....	—	—	*
Flour, barley (see "Flour and meal")	—	—	—
Flour, buckwheat.....	lb.	1,106,082	39,314
Flour, corn.....	"	5,844,188	223,610
Flour, potato (see "Starch and flour")	—	—	—
Flour, preparations for sausage fillings.....	"	3,947,042	253,532
Flour, prepared, and self-raising.....	"	28,358,597	2,882,139
Flour, soya bean.....	"	4,127,874	327,673
Flour, wheat—	—	—	—
Spring, No. 1 patent.....	bbL	5,176,669	29,487,581
Spring, No. 2 patent.....	"	4,674,782	26,136,139
Spring, straight.....	"	12,874,075	72,660,270
Ontario winter, straight.....	"	1,259,958	6,303,311
Low grade flour.....	"	354,593	1,390,283
All other.....	"	781,341	3,852,735
Flour, graham or whole wheat.....	lb.	42,991,012	919,553
Flour and meal, barley.....	"	75,200	5,000
Flour, rice.....	"	686,000	26,220
Flour and meal, rye.....	"	9,015,115	282,203
Flowers, artificial.....	—	—	1,016,953
Flue linings.....	—	—	144,219
Fly pads and paper.....	—	—	316,684
Fly swatters.....	—	—	*
Foil of tin, lead and aluminum.....	—	—	3,419,144
Folding (trade work).....	—	—	82,581
Food drinks.....	—	—	3,687,271

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1945—Con.

Items	Unit of Measure	Quantity	Value
			\$
Food, fox, dog, etc.—			
Fox biscuits.....	ton	1,793	176,134
Dog biscuits.....	"	1,259	197,338
Canned dog food.....	"	656	230,042
Other dog food.....	"	4,496	755,709
Other fox food.....	"	8,526	784,063
Rabbit, turtle and other animal food.....	"	4,696	298,319
Feed, stock.....	"	527,155	23,511,588
Feed, poultry.....	"	617,585	32,528,504
Feed, stock and poultry, n.e.s.....	"	124,015	5,929,897
Feed, poultry, stock, etc., ingredients.....	—	—	*
Food, infant and dietetic.....	—	—	1,078,745
Food, infants.....	lb.	14,219,981	3,061,019
Food products, not specified.....	—	—	76,467
Footwear, leather—			
Felt upper—			
Babies.....	pair	14,718	14,882
Boys.....	"	49,144	72,932
Children's and misses.....	"	81,729	112,750
Men's.....	"	418,889	714,432
Youths.....	"	12,766	19,267
Women's.....	"	205,334	217,849
Leather or fabric upper—			
Babies.....	"	3,177,659	2,843,395
Boys.....	"	1,544,081	3,155,158
Children's and misses.....	"	3,937,572	5,307,858
Little gents.....	"	113,152	155,136
Men's.....	"	8,049,881	29,972,983
Youths.....	"	527,148	882,517
Women's and growing girls.....	"	13,629,394	33,194,481
Footwear, shoe packs, larrigans, moccasins, etc.—			
Babies.....	"	21,235	6,876
Boys.....	"	24,223	39,127
Children's and misses.....	"	3,574	5,972
Little gents.....	"	629	781
Men's.....	"	204,953	454,529
Youths.....	"	2,890	4,096
Women's and growing girls.....	"	137,500	218,590
Not specified.....	"	6,036	10,060
Footwear, rubber—			
Knee and hip boots, all rubber.....	"	2,730,352	6,267,529
Lumbermen's boots, all rubber.....	"	1,432,630	2,267,476
Lumbermen's boots, leather tops.....	"	223,820	983,570
Rubbers, light and heavy, including Jersey storms.....	"	4,871,842	3,397,827
Overshoes and galoshes, all rubber.....	"	1,430,024	2,013,248
Overshoes and galoshes, fabric upper.....	"	2,392,718	4,836,669
Balmorals, rubber soled, fabric tops.....	"	1,324,625	1,394,887
Oxfords, rubber soled, fabric tops.....	"	3,128,447	2,421,274
Balmorals, rubber soled, leather tops.....	"	25,677	68,044
Oxfords, rubber soled, leather tops.....	"	297,612	625,619
Rubber bottoms for leather tops.....	"	107,629	170,143
Not specified.....	"	60,055	213,092
Forgings, including drop, shell, etc.....	—	—	25,850,765
Forks, farm implements.....	No.	477,952	379,090
Forms, continuous, printed.....	—	—	3,368,081
Fountains, soda.....	—	—	*
Frames, spectacle, cases, etc.....	—	—	*
Fringes, cords and tassels.....	—	—	1,371,737
Fruit drinks.....	—	—	172,873
Fruit juices, canned.....	lb.	10,741,421	791,713
Fruit concentrate (see "Apple and grape concentrate").....	—	—	307,397
Fruit juices, other.....	lb.	3,372,839	677,956
Fruit peel, candied.....	"	14,505	1,105
Fruit pulp.....	—	—	—
Fruits, canned—			
Apples, including crab apples.....	"	10,068,190	681,720
Apple sauce (see also "Apples, dehydrated, etc.").....	"	160,256	21,684
Apricots.....	"	1,041,638	119,612
Blackberries.....	"	225,498	27,259
Blueberries.....	"	176,353	33,921

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1945—Con.

Items	Unit of Measure	Quantity	Value
			\$
Fruits, canned— <i>Concluded</i>			
Cherries.....	lb.	1,543,706	226,122
Grapefruit.....	—	—	*
Loganberries.....	—	—	*
Peaches.....	lb.	18,978,128	2,039,876
Pears.....	"	10,070,906	1,200,734
Pineapple.....	—	—	*
Plums.....	lb.	11,667,178	934,351
Raspberries.....	"	598,700	93,103
Rhubarb.....	"	967,240	63,077
Other fruits, not specified.....	"	234,023	37,919
Fruits, evaporated, other than apples.....	—	—	*
Fruits, fountain.....	lb.	2,504,438	1,156,070
Fruits, glaces.....	"	3,003,380	747,125
Fruits processed in SO ₂	"	17,105,144	1,977,904
Fruits, frozen or cold pack, for re-processing.....	"	638,633	118,830
Fruits, straight frozen, not for re-processing.....	"	3,944,069	801,743
Fruits, frozen, not specified.....	"	58,800	14,047
Fuel, hog.....	—	—	316,577
Funnels, sheet metal.....	—	—	89,960
Fur dressing and dyeing.....	—	—	3,740,854
Fur, remodelling, etc.....	—	—	6,727,070
Furnaces, electrometallurgical.....	—	—	278,829
Furnaces, hot air.....	No.	35,183	3,183,015
Furnaces, not specified, and furnace parts.....	—	—	409,348
Furniture—			
Bedroom.....	—	—	12,610,371
Breakfast room.....	—	—	2,526,225
Dining room.....	—	—	3,066,030
Kitchen.....	—	—	2,017,109
Living room.....	—	—	15,145,512
Other household.....	—	—	3,844,291
Office, steel and masonite.....	—	—	1,082,669
Office and store furniture and fixtures.....	—	—	4,825,321
Steel, not specified.....	—	—	1,102,743
Children's.....	—	—	1,824,949
School, lodge, church and theatre.....	—	—	1,108,712
Camp, lawn and verandah.....	—	—	389,634
Wicker, fibre, reed and rattan, not specified.....	—	—	146,312
Furniture, not specified, and other cabinet work.....	—	—	2,273,762
Furniture frames and parts.....	—	—	2,063,040
Fuses and fuse wire.....	—	—	1,278,278
Gaiters, spats and leggings.....	—	—	87,235
Galvanized ware.....	—	—	1,904,228
Games, not specified.....	—	—	1,004,526
Garage equipment, n.e.s.....	—	—	214,639
Garages, metal and other.....	—	—	9,706
Gas, made—			
Retort coal gas.....	M cu. ft.	12,661,741	
Coke oven gas.....	"	49,313,480	
Producer gas.....	"	2,031,124	
Water gas.....	"	5,885,110	
Not specified.....	"	130,394	
Gas sold.....	"	21,551,189	19,916,643
Gas used in heating ovens, retorts or gas plants.....	"	20,999,668	2,656,833
Gas used in associated metallurgical work.....	"	24,531,485	2,160,752
Gas, otherwise accounted for, but not sold.....	"	328,489	125,693
Gas, not accounted for.....	"	2,857,285	981,688
Gas, still, from petroleum refineries.....	"	10,614,582	3,827,435
Gas, oil.....	"	57,132	660,406
Gasoline.....	imp. gal.	953,016,955	110,785,813
Gas masks and equipment.....	—	—	113,120
Gates.....	—	—	211,649
Gauges, not specified.....	—	—	1,126,652
Gears, industrial.....	—	—	76,323
Gears, wagon.....	—	—	454,205
Gears, cut tooth and cast tooth.....	—	—	868,041
Generators—			
Alternating current.....	No.	4,314	2,812,516
Direct current.....	"	1,078	1,284,509

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1915—Con.

Items	Unit of Measure	Quantity	Value
			\$
Generators, engine driven.....	—	—	1,722,188
Generators, other, and parts.....	—	—	426,163
Glass, bent.....	—	—	28,316
Glass, bevelled and polished edge.....	—	—	409,198
Glass, chipped or etched.....	—	—	89,615
Glass, cut.....	—	—	376,522
Glass, fibre.....	—	—	771,681
Glass, leaded, including memorial windows.....	—	—	127,448
Glass, non-shatterable.....	—	—	1,454,853
Glass, pressed and blown.....	—	—	18,334,002
Glass vials and chemical glassware.....	—	—	458,413
Glass products, other, including windshield glass.....	—	—	1,593,190
Gloves and mittens—			
Dress, knitted.....	doz. pair	251,044	1,940,207
Dress, other.....	—	222,971	1,693,598
Work, knitted.....	—	5,607	17,695
Work, other.....	—	733,564	1,412,189
Knitted, not specified.....	—	3,100	19,567
Gloves and mittens, leather, dress—			
Men's, lined.....	—	98,326	1,319,699
Men's, unlined.....	—	45,580	828,518
Women's and children's, lined.....	—	56,298	609,073
Women's and children's, unlined.....	—	90,045	1,480,576
Gloves and mittens, leather, work—			
Men's, lined.....	—	55,044	542,113
Men's, unlined.....	—	440,840	3,441,791
Boys', lined.....	—	89,111	601,252
Boys', unlined.....	—	25,815	113,841
Gloves and mittens, leather, not specified.....	—	—	258,791
Gloves and mittens, fur and fur-lined.....	—	—	169,335
Gloves, rubber and rubberized.....	doz.	144,390	364,730
Glucose and dextrose.....	ton	29,817	3,074,439
Clue (bone, hide, fish and vegetable).....	lb.	33,705,390	3,371,351
Clue stock.....	—	43,200,938	463,846
Gluten feed.....	—	—	*
Glycerine, crude.....	lb.	3,509,989	345,888
Glycerine, refined.....	—	13,043,568	1,856,248
Glycerine substitute.....	—	—	*
Goggles, sun.....	—	—	296,776
Gold alloys.....	—	—	2,019,486
Gold, fine.....	—	—	2,049,862
Golf supplies, including golf balls, sticks, heads.....	—	—	50,721
Grains, sold wet and dry (breweries and distilleries).....	ton	138,789	1,483,622
Granite monuments.....	—	—	2,192,799
Granite, for building purposes.....	—	—	58,829
Granules, roofing.....	—	—	464,410
Grape concentrate.....	—	—	*
Grape juice.....	gal.	504,821	690,739
Graphite.....	—	—	118,500
Grate bars and grating.....	—	—	148,650
Grease.....	lb.	29,450,260	1,721,530
Grease, lubricating.....	—	1,117,561	157,910
Grills and hot plates, electric.....	No.	73,136	381,248
Grinding machines.....	—	—	502,347
Grinding balls.....	—	—	1,236,992
Guanidine nitrate.....	—	—	*
Gums, unvulcanized.....	lb.	333,433	95,265
Gymnasium supplies, not specified.....	—	—	*
Gypsum blocks.....	—	—	35,326
Hair, animal, raw.....	lb.	6,343,267	1,549,416
Hair cloth.....	—	—	711,780
Hair goods.....	—	—	133,606
Hair wavers, curlers, pads, etc.....	—	—	643,344
Halters, leather.....	No.	111,636	138,521
Hames.....	—	—	*
Hammocks.....	No.	12,548	37,511
Handkerchiefs.....	doz.	1,575,826	1,663,623
Handles, broom and mop.....	No.	13,763,197	438,096
Handles, long, tool and axe.....	—	3,797,877	831,538
Handles, small, tool.....	—	20,004,483	466,816

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1945—Con.

Items	Unit of Measure	Quantity	Value
			\$
Handles, n.s.	—	—	139,990
Hangers, garment	—	—	422,503
Hardware, automobile	—	—	284,036
Hardware, builders'	—	—	4,326,602
Hardware, furniture	—	—	666,548
Hardware, harness and saddlery	—	—	475,366
Hardware, pole-line	—	—	1,408,991
Hardware, not specified	—	—	1,297,350
Harness, double	set	9,074	436,929
Harness, single	"	4,149	128,683
Harness collars	No.	110,047	416,727
Harness parts	—	—	924,264
Harrow	—	—	886,995
Hassocks	—	—	422,964
Hat blocks	—	—	37,727
Hats, cotton—			
Men's	doz.	6,827	77,746
Women's and children's	"	14,295	66,410
Hats, fur felt—			
Men's	"	116,259	4,740,806
Women's	"	59,448	2,219,929
Children's	"	344	5,612
Hats, wool felt—			
Men's	"	57,608	864,387
Women's	"	241,319	4,243,112
Children's	"	18,397	197,605
Hats, straw—			
Men's	"	46,694	309,206
Women's	"	106,699	2,218,116
Children's	"	5,783	74,825
Hats, silk and crepe, women's	"	7,315	164,357
Hats, silk and crepe, children's	"	2,118	18,506
Hats, velvet	"	3,965	77,948
Hats, waterproofed	—	—	39,825
Hats, not specified—			
Men's	doz.	3,566	94,266
Women's	"	19,544	253,166
Children's	"	6,017	58,767
Infant's headwear	"	39,322	119,776
Tams, berets and turbans	—	—	484,579
Headwear, not specified	—	—	1,302,863
Hats, cleaned and reblocked	—	—	16,519
Hat bodies	doz.	402,530	2,799,500
Hatters' supplies, including hat linings	—	—	129,764
Hay loaders	No.	2,513	241,991
Heading, barrel	—	—	397,891
Hearing aids	—	—	*
Heaters, air, electric	No.	25,191	140,293
Heaters, auto and engine	—	—	32,534
Heaters, boiler, feed, water	—	—	238,735
Heaters, water tank, electric	No.	57,203	275,973
Heaters, water tank, gas	"	22,632	484,943
Heaters, water tank, cast iron	"	12,035	156,154
Heaters, not specified	—	—	4,829
Heaters, electric, unit	—	—	1,484,169
Heating and ventilating equipment, not elsewhere specified	—	—	4,139,686
Heels, leather and wood	pair	25,778,829	1,919,938
Heels, top lifts	—	—	*
Heels, rubber, and composition	pair	20,384,601	1,569,039
Helmets	—	—	388,037
Hexachlorethane	—	—	*
Hides, all kinds	—	—	12,260,922
Hockey pucks	doz.	30,402	18,126
Hockey sticks	—	—	220,175
Hoes, hand	No.	269,998	139,582
Hoes, horse and power	—	—	4,487
Hoists	—	—	447,410
Holders, cigar and cigarette	—	—	*
Hollow-ware, sterling silver	—	—	688,557
Hollow-ware and spinnings, aluminum, brass and copper	—	—	71,173
Hollow-ware, electro-silver plated	—	—	*
Hollow-ware, other	—	—	1,092,892

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1945—Con.

Items	Unit of Measure	Quantity	Value
			\$
Honey butter.....	lb.	89,097	17,333
Hooks, eyes, notions, etc., not elsewhere specified.....	—	—	78,256
Hoops, wooden.....	M	2,087	45,956
Hoops, steel.....	—	—	119,464
Hoops, bands and strips, hot and cold rolled (sold).....	net ton	15,722	1,712,277
Horseradish, prepared.....	lb.	362,198	93,726
Horseshoes.....	—	—	402,816
Hose, fire, unlined, linen.....	—	—	*
Hose, rubber.....	—	—	4,453,768
Hosiery—			
Cotton and cotton mixtures—			
Men's seamless—			
Work socks.....	doz. prs.	219,646	508,593
Fine socks.....	—	391,952	1,084,788
Other (anklets, sports, etc.).....	"	80,006	199,020
Women's seamless—			
Full length stockings.....	"	506,660	1,258,646
Other (anklets, sports, etc.).....	"	364,394	670,817
Children's seamless—			
Full length stockings.....	"	248,313	586,961
Golfers.....	"	106,480	268,511
Other.....	"	648,635	1,004,705
Full fashioned—all types.....	"	402,893	2,746,684
Silk and silk mixtures, chiefly full fashioned.....	"	83,676	521,177
Rayon and rayon mixtures—			
Men's seamless.....	"	64,282	256,851
Women's seamless.....	"	391,526	1,205,826
Children's seamless.....	"	226,483	413,980
Full fashioned, all types.....	"	2,091,160	13,924,029
Other (anklets)—			
Women's.....	"	14,480	25,340
Children's.....	"	9,046	13,116
Synthetic fibres (nylon, etc.)—			
Seamless, all types.....	"	136	1,456
Full fashioned, all types.....	"	45,898	458,138
Wool and wool mixtures—			
Men's seamless—			
Work socks.....	"	686,484	2,932,081
Fine socks.....	"	835,988	4,136,946
Other.....	"	82,038	391,222
Women's seamless—			
Full length stockings.....	"	116,602	619,903
Other (anklets, etc.).....	"	96,292	322,885
Children's seamless—			
Full length stockings.....	"	285,940	975,559
Golfers.....	"	119,128	509,070
Other (half length, anklets, etc.).....	"	129,737	315,786
Full fashioned (all types).....	"	46,319	341,119
Hosiery, not specified.....	"	198,437	558,664
Houses pre-fabricated.....	—	—	*
Humidifiers and air-conditioners.....	—	—	115,115
Hydrants.....	—	—	201,357
Hydrogen.....	cu. ft.	40,311,122	142,964
Hydrogen chloride.....	—	—	*
Hydrogen peroxide.....	—	—	*
Ice, artificial.....	ton	674,774	3,101,929
Ice cream (factory).....	gal.	14,883,268	18,480,139
Ice cream mix.....	—	—	1,482,588
Ice cream sundries.....	—	—	433,062
Icings and icing paste.....	lb.	435,933	96,844
Ignition coils, etc.....	—	—	608,904
Implements, hand, not specified.....	—	—	136,463
Incense.....	—	—	8,864
Incubators and other poultrymen's supplies.....	—	—	639,060
Infants' wear, not specified.....	—	—	1,764,181
Ingots, brass, bronze, etc. (see "bars and ingots").....	—	—	*
Ingots, steel and alloy—			
Quantity made.....	net ton	2,757,149	3,373,840
Quantity sold.....	"	45,272	3,998,471
Ink, printing and lithographing.....	lb.	12,502,374	3,998,471

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1945—Con.

Items	Unit of Measure	Quantity	Value
			\$
Ink, writing.....	lb.	1,241,033	416,924
Ink, not specified.....	—	—	95,191
Insecticides.....	—	—	2,578,163
Instruments, scientific, n.e.s.....	—	—	*
Insulating materials, n.e.s.....	—	—	176,352
Insulators, porcelain and insulator parts.....	—	—	2,014,094
Iron, pig.....	—	—	—
Quantity made.....	net ton	1,777,949	—
Quantity sold.....	"	428,902	9,527,026
Ironers, electric.....	—	—	757,075
Iron and steel products, rolled, n.e.s.....	—	—	*
Irons, gasoline.....	—	—	*
Iron work, ornamental and architectural.....	—	—	2,536,922
Ironing boards.....	—	—	58,532
Jacks, auto and other, not specified.....	—	—	514,681
Jams.....	lb.	66,249,023	8,535,995
Jams and jellies, artificial.....	—	—	—
Javelle water.....	—	—	1,968,813
Jellies.....	lb.	3,238,515	420,873
Jersey cloth (see "Knitted fabrics").....	—	—	—
Jewellery.....	—	—	11,056,402
Jig fixtures.....	—	—	1,053,735
Jute, jute paddings and jute yarn.....	—	—	657,486
Kapok.....	—	—	*
Kegs, beer.....	—	—	*
Kegs, fish.....	No.	13,614	21,548
Kegs, nail, etc.....	"	1,300,767	498,519
Kerosene.....	imp. gal.	33,374,407	3,830,112
Kitchen equipment for hotels, cafeterias, etc.....	—	—	1,471,536
Kitchenware, aluminum.....	—	—	2,950,642
Kitchenware, other.....	—	—	—
Knitted fabrics.....	—	—	4,218,084
Knitted goods, miscellaneous—	—	—	—
Infants' jackets, booties, etc.....	—	—	1,772,649
Knitted goods, n.s.....	—	—	649,687
Knitting, custom.....	—	—	114,020
Knives, machine.....	—	—	517,712
Knives, army and other, not specified.....	—	—	226,570
Labels, gummed.....	—	—	245,210
Labels, fabric.....	—	—	410,123
Laces, shoe, silk and cotton.....	—	—	799,714
Laces, shoe, leather.....	doz. pr.	33,073	23,959
Laces, corset.....	—	—	36,899
Lacquers, cellulose and other.....	—	—	3,958,579
Lacrosse sticks.....	—	—	*
Lactose (see "Sugar of milk").....	—	—	—
Ladders, step, extension, etc.....	—	—	299,128
Lamps, incandescent, except therapeutic.....	No.	64,613,254	6,779,976
Lamps, fluorescent (bulbs).....	"	1,509,555	696,291
Lamps, table and floor.....	—	—	1,251,753
Lamp shades and wire frames.....	—	—	1,223,943
Lamp stands and lamp bases.....	—	—	225,551
Lamps and lanterns, railway, marine, etc.....	—	—	1,007,307
Lard.....	lb.	67,343,035	9,016,883
Lasts, trees and shoe findings, not elsewhere specified.....	—	—	514,652
Lathes, metal-working.....	—	—	3,810,970
Lath, metal.....	—	—	336,529
Lath, gypsum.....	sq. ft.	59,893,151	931,250
Lath, wood.....	M	11,118,573	756,875
Lead, acetate.....	—	—	*
Lead naphthanate.....	—	—	*
Lead, refined.....	lb.	30,282,836	1,833,126
Lead, red.....	—	—	*
Lead, white, dry.....	—	—	*
Lead, white, in oil.....	—	—	*
Lead, sheet.....	lb.	4,856,208	409,884

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1945—Con.

Items	Unit of Measure	Quantity	Value
			\$
Lead products, n.s.	—	—	610,665
Leads for pencils	—	—	104,592
Leather—			
Belting	lb.	766,403	614,851
Bookbinders'	—	—	*
Bag, garment, pocket book, trunk, etc.	sq. ft.	32,085,025	7,131,437
Harness	lb.	3,376,875	1,409,916
Lace	—	123,714	111,235
Oil tanned, shoe-pack	"	127,656	25,387
Sole—			
Chrome	"	384,265	160,164
Oak	"	30,383,169	12,952,523
Splits and other	—	—	112,588
Upholstering	sq. ft.	1,012,837	317,008
Upper leather—			
Calf skins	"	15,743,408	6,383,749
Cattle and horse hides	"	35,618,274	9,627,801
Chrome splits	"	11,704,508	1,533,191
Goat skins	—	—	*
Sheep skins	"	3,435,771	577,773
Wax splits	"	—	*
Other leather, not specified	—	—	2,171,199
Leather splits, not specified	—	—	1,066,201
Leather, artificial	—	—	915,159
Leather goods, not specified	—	—	577,602
Lenses, optical	—	—	1,667,267
Life buoys, jackets, belts, etc.	—	—	764,179
Lighter fluid	—	—	*
Lighters, cigarette and parts	—	—	1,761,579
Lightning arresters, n.e.s.	—	—	438,307
Lightning rods and supplies	—	—	*
Lime, grey acetate	lb.	8,514,572	189,046
Lime, hydrated	ton	124,080	945,170
Lime, quick	"	738,925	5,684,006
Limestone	—	—	339,333
Line material, including overhead trolley	—	—	*
Linings, brake, asbestos	ft.	5,477,321	1,690,799
Linings, glove, shoe, etc.	—	—	1,000,936
Linings, not specified	—	—	65,685
Litharge	—	—	*
Lithographing (see "Printing")	—	—	*
Locomotives, new, and tenders	—	—	*
Locomotive and car parts	—	—	5,522,400
Lubricating systems	—	—	*
Lumber, matched	M ft. b.m.	199,973	11,712,716
Lumber, planed	"	1,299,458	58,848,124
Lumber, sawn	—	—	142,110,478
Lumber, not specified	—	—	86,563
Lye	—	—	*
Macaroni and spaghetti, canned	lb.	14,593,282	1,263,890
Macaroni, vermicelli, spaghetti, etc.	"	63,551,390	3,619,880
Machinery—			
Accounting machines	—	—	1,055,200
Adding and other calculating	No.	4,215	458,018
Bakers' mixing	—	—	310,154
Bakers', not elsewhere specified	—	—	327,840
Boring (metal-working)	—	—	*
Bottlers'	—	—	34,644
Canning and parts	—	—	1,189,445
Cheese factory	—	—	*
Chlorinating	—	—	*
Cleaning and pressing	—	—	*
Coal handling and coal pulverizing	—	—	181,341
Concrete and cement making	—	—	631,465
Dairy	—	—	1,394,152
Conveyors	—	—	250,960
Elevating and conveying	—	—	2,733,003
Flax mill	—	—	*
Flour and grist mill, not elsewhere specified	—	—	334,274
Grain grinding, cleaning, etc.	—	—	691,642

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1945—Con.

Items	Unit of Measure	Quantity	Value
Machinery— <i>Concluded</i>			\$
Grain elevator.....	—	—	525, 166
Hoisting, except mine hoists.....	—	—	6, 167, 580
Ice making.....	—	—	*
Kitchen and other household.....	—	—	53, 672
Industrial, not specified.....	—	—	*
Laundry.....	—	—	1, 099, 031
Leather-working, not elsewhere specified.....	—	—	867, 017
Logging.....	—	—	1, 000, 100
Lumber and shingle drying.....	—	—	*
Metal-working, not elsewhere specified.....	—	—	26, 461
Metering equipment.....	—	—	*
Milking.....	—	—	*
Milling (metal-working).....	—	—	177, 012
Mining and metallurgical, not elsewhere specified, and parts.....	—	—	1, 683, 636
Office, not elsewhere specified.....	—	—	1, 170, 067
Oil refining.....	—	—	*
Plastics.....	—	—	301, 769
Printing.....	—	—	57, 527
Paint making.....	—	—	*
Pulp and paper.....	—	—	4, 292, 693
Refrigerating.....	—	—	445, 524
Road and excavating.....	—	—	1, 378, 333
Rolling mill.....	—	—	*
Rubber mill.....	—	—	904, 453
Sawing, hand, machine.....	—	—	79, 307
Saw, and planing mill.....	—	—	1, 412, 053
Sewing.....	—	—	*
Ships and fittings.....	—	—	4, 159, 443
Syrup-making.....	—	—	237, 924
Textile.....	—	—	505, 136
Transmission.....	—	—	1, 353, 100
Vulcanizing.....	—	—	259, 727
Washing machines—			
Electric.....	No.	38, 982	2, 457, 817
Hand and other.....	"	13, 819	448, 693
Parts and accessories.....	—	—	*
Water softening equipment.....	—	—	*
Wood-working machinery, n.e.s.....	—	—	297, 162
Other, not specified.....	—	—	6, 051, 878
Machinery parts, not specified.....	—	—	37, 521
Magnesia, fused.....	—	—	*
Magnesium carbonate and stearate.....	—	—	*
Malt, made for sale.....	s.t.	173, 100	10, 750, 407
Malt flour.....	lb.	2, 749, 207	204, 263
Malt extract and syrup.....	—	—	1, 624, 414
Malt, coomings and sprouts.....	ton	5, 994	129, 021
Malt, caramel.....	lb.	3, 041, 980	153, 560
Manganese naphthanate.....	—	—	*
Mantles, lamp.....	—	—	*
Manure spreaders.....	No.	6, 946	912, 158
Maple butter.....	—	—	*
Maps.....	—	—	303, 036
Marble chips and dust.....	—	—	24, 826
Marble monuments.....	—	—	317, 197
Marble for building purposes.....	—	—	132, 498
Marine and fishermen's supplies.....	—	—	364, 535
Marmalades.....	lb.	19, 630, 925	2, 335, 551
Match splints and match blocks.....	—	—	*
Matchers (wood-working).....	—	—	*
Matches.....	—	—	3, 050, 771
Mats and matting, cocoa.....	—	—	*
Mats and matting, rubber.....	—	—	270, 236
Mattresses.....	No.	1, 021, 106	9, 562, 250
Meal, alfalfa.....	ton	26, 640	808, 359
Meal, barley.....	"	53, 685	1, 966, 020
Meal, cereal grass.....	—	—	*
Meal, oilcake, coconut.....	—	—	*
Meal, corn.....	lb.	22, 617, 972	745, 299
Meal, kelp and seaweed.....	ton	129	12, 800
Meal, linseed and flax.....	"	121	10, 746
Meal, palm kernel oilcake.....	—	—	*
Meal, linseed, oilcake.....	ton	82, 274	3, 261, 079

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1945—Con.

Items	Unit of Measure	Quantity	Value
			\$
Meal, peanut oilcake.....	—	—	*
Meal, rapeseed oilcake.....	—	—	*
Meal, pea.....	lb.	118,800	2,375
Meal, rice.....	ton	2,095	59,026
Meal, rye.....	lb.	4,286,418	87,061
Meal, soybean.....	"	48,839,875	1,255,913
Meal, fish.....	ton	31,517	1,976,227
Meal, other.....	—	—	*
Meat scrap.....	—	—	*
Meats, canned—			
Poultry.....	lb.	825,630	660,040
Meats, other.....	"	145,857,917	32,866,948
Meats, cooked, all kinds.....	"	38,155,809	11,424,897
Meats, cured—			
Bacon and sides.....	"	355,108,308	82,939,772
Beef, salted and cured.....	"	6,059,909	1,178,452
Hams.....	"	50,836,596	14,641,024
Pork, salted.....	"	86,704,141	18,505,336
Shoulders.....	"	40,449,857	9,481,907
Other.....	"	38,569,855	10,136,364
Meats, sold fresh—			
Beef.....	"	809,459,703	157,026,883
Fancy meats, not specified.....	"	18,690,765	2,341,724
Mutton and lamb.....	"	50,428,642	12,029,972
Pork.....	"	195,563,128	39,527,959
Veal.....	"	89,805,298	18,038,768
Other.....	"	20,716,322	1,694,955
Meats, frozen.....	—	—	*
Medicinal and pharmaceutical preparations—			
Standard.....	—	—	9,894,147
Specialties registered as patent medicines.....	—	—	11,434,039
Specialties sold with ingredients declared.....	—	—	12,532,374
Vitamins, all kinds.....	—	—	7,432,309
Other.....	—	—	1,294,403
Metal products, not specified.....	—	—	297,287
Meters, gas.....	No.	12,131	174,806
Meters, gasoline.....	—	—	*
Meters, water.....	—	—	*
Meters, not specified, and meter parts.....	—	—	162,948
Methyl hydrate, crude and refined.....	—	—	598,718
Mica products.....	—	—	250,553
Milk, sold in dairy factories.....	gal.	123,655,938	51,100,381
Milk, buttermilk, sold.....	—	—	605,789
Milk, buttermilk, condensed.....	lb.	252,414	8,247
Milk, condensed.....	"	28,866,355	3,586,726
Milk, condensed, skim.....	"	3,995,094	288,146
Milk, evaporated.....	"	200,012,296	15,802,290
Milk, skim.....	—	—	252,706
Milk, skim evaporated.....	lb.	2,009,300	80,810
Milk products, not specified.....	—	—	154,308
Milk drinks (see "Food drinks").....	—	—	—
Military web equipment.....	—	—	1,400,706
Military and navy equipment, not specified.....	—	—	20,517,431
Milling cutters.....	—	—	575,659
Mince meat.....	lb.	6,234,842	748,632
Mine props, wedges, etc.....	—	—	*
Mirrors.....	—	—	2,473,885
Molasses.....	lb.	65,015,634	893,841
Monoethyl aniline.....	—	—	*
Monuments, lettered only.....	—	—	219,483
Monuments, not specified.....	—	—	28,058
Mops—			
Floor.....	doz.	142,622	686,605
Dust.....	"	19,553	159,298
Dish.....	"	24,915	25,984
Other, not specified, and parts.....	—	—	95,968
Mosquito netting, bars, etc.....	—	—	9,512
Motion pictures (positive films processed).....	ft.	64,191,758	2,405,560
Motors, electric, A.C. and D.C. (except starting motors).....	No.	347,512	14,207,872
Motors, other, and parts.....	—	—	753,806
Moulders, wood-working.....	—	—	33,448
Mouldings.....	—	—	3,283,284

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1945—Con.

Items	Unit of Measure	Quantity	Value
			\$
Moulds for bakelite and rubber.....	—	—	45,544
Mounting (trade work).....	—	—	47,250
Mowers, hay.....	No.	20,511	2,029,967
Mowers, lawn.....	—	—	183,551
Mucilage.....	—	—	83,091
Muffs, fur.....	—	—	565,074
Muff beds and cloth muffs.....	—	—	174,420
Munitions and other war supplies.....	—	—	302,522,324
Music, printed.....	—	—	56,974
Musical instruments and parts, not elsewhere specified.....	—	—	287,434
Mustard, dry.....	lb.	448,534	71,347
Mustard, prepared.....	—	—	882,839
Mustard compound.....	lb.	190,099	24,414
Nails and spikes, cut from plate—			
Quantity made.....	keg	15,044	—
Quantity sold.....	"	17,212	136,224
Nails, tacks and brads, wire—			
Quantity made.....	"	1,399,595	—
Quantity sold.....	"	1,399,355	5,512,718
Nails, horseshoe and other, n.e.s.....	—	—	1,110,693
Napkins, paper.....	—	—	892,704
Naphtha, V.M. and P. or solvent.....	imp. gal.	27,867,708	3,316,054
Neckties.....	doz.	818,151	5,029,098
Neckwear, women's.....	"	136,193	954,590
Neck pieces, fur.....	No.	44,496	1,141,922
Needles, knitting machine.....	—	—	*
Needles, knitting and other.....	—	—	508,175
Nets and nettings.....	—	—	*
Nickel salts.....	—	—	*
Nickel-silver, not elsewhere specified.....	—	—	*
Night dresses—			
Cotton and flannelette.....	doz.	99,166	863,207
Silk and artificial silk.....	"	59,579	1,270,401
Night dresses, knitted and other, n.s.....	"	14,574	305,802
Nightshirts.....	"	6,017	59,788
Nitrobenzol.....	—	—	*
Nitrogen.....	cu. ft.	6,469,112	93,375
Nitro-guanidine.....	—	—	*
Nitrous oxide.....	lb.	5,073,309	91,610
Non-ferrous alloys, not elsewhere specified.....	"	395,942	88,716
Novelties, advertising and other, not specified.....	—	—	1,298,060
Novelties, printed.....	—	—	689,566
Nuts, salted, etc.....	lb.	1,228,362	1,313,325
Oars and paddles.....	—	—	125,081
Oats, rolled.....	ton	91,480	7,921,145
Oatmeal.....	"	22,738	1,335,094
Offal, not specified.....	"	103,427	3,130,501
Oil burners and parts.....	—	—	769,469
Oilcloth, other than floor.....	—	—	*
Oil, aniline.....	—	—	*
Oil, cocconut, crude and processed.....	lb.	26,637,164	2,358,065
Oil, core.....	—	—	295,238
Oil, corn, crude.....	—	—	*
Oil, corn, refined.....	—	—	*
Oil, cottonseed.....	lb.	4,151,176	698,091
Oil, creosote, and other.....	gal.	10,901,197	1,730,258
Oil, engine and tractor distillate.....	imp. gal.	36,966,595	3,511,982
Oil, fish (vitamin).....	lb.	6,469,918	3,903,768
Oil, fish, industrial.....	"	26,983,964	2,072,089
Oil, fish, other.....	—	—	*
Oil, fuel, diesel.....	imp. gal.	116,695,958	6,522,266
Oil, gas and light fuel oil—			
For own use.....	"	112,012	5,289
For sale.....	"	126,893,270	8,038,426
Oil, residual—			
For own use.....	"	105,210,613	4,824,466
For sale.....	"	538,971,718	26,036,188
Oil, fusel (sold).....	"	85,054	48,643

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1945—Con.

Items	Unit of Measure	Quantity	Value
			\$
Oil, lard.....	—	—	*
Oil, linseed, boiled.....	gal.	1,232,391	962,389
Oil, linseed, raw.....	"	5,906,454	4,146,850
Oil, linseed, special.....	—	—	3,339,903
Oil, lubricating.....	gal.	51,445,846	13,096,618
Oil, neatsfoot.....	lb.	808,269	137,199
Oil, oleo.....	"	2,942,271	328,660
Oil, palm.....	—	—	*
Oil, peanut, processed.....	—	—	*
Oil, soybean.....	lb.	10,400,669	1,528,767
Oil, light, n.e.s.....	imp. gal.	1,849,988	587,332
Oil, rapeseed.....	—	—	*
Oil, salad, blended.....	—	—	*
Oil, silk.....	—	—	*
Oil, stand blown, enamel, etc.....	—	—	149,102
Oil, stove.....	imp. gal.	39,410,600	2,401,932
Oils, sulphonated, textile oils, and other textile chemicals.....	—	—	1,110,673
Oil, sunflower seed.....	lb.	4,543,111	752,045
Oils, other, not specified.....	—	—	2,644,213
Oleo stock.....	—	—	*
Olives, bottled, etc.....	gal.	376,981	1,576,023
Organs, pipe.....	No.	53	190,598
Organs, other, and parts.....	—	—	203,347
Ornaments, no specified.....	—	—	323,568
Ovens, commercial, cooking.....	—	—	361,004
Ovens, industrial.....	—	—	57,750
Overalls—			
Men's.....	doz.	321,083	6,078,516
Children's.....	"	171,605	1,314,443
Women's and misses' and not specified.....	"	1,784	38,033
Overall coats, smocks, dusters, etc.....	"	59,441	1,203,405
Oxygen.....	cu. ft.	565,601,348	4,297,791
Packing, asbestos.....	—	—	*
Packing, rubber.....	lb.	1,344,165	344,805
Packing, not specified.....	—	—	498,929
Pads, couch.....	No.	15,848	95,640
Pads, electric, heating.....	"	57,189	199,006
Pads, stamp.....	—	—	*
Pads, stair.....	—	—	*
Pads, sweat.....	No.	226,261	138,573
Pads and padding, not specified.....	—	—	498,310
Pails, paper.....	No.	19,317,517	203,639
Pails and tubs, wooden.....	—	—	303,400
Painting equipment, not specified.....	—	—	*
Paint, varnish and enamel removers.....	—	—	229,224
Paints, aluminum and gold.....	—	—	*
Paints, mixed, ready for use.....	imp. gal.	9,729,387	23,404,582
Paints, cold water.....	lb.	15,694,382	1,250,166
Paints, paste.....	"	6,869,057	1,039,900
Paints, varnishes and cements, coal tar.....	gal.	166,975	53,743
Paints and enamels, not specified.....	—	—	248,244
Panel boards and cabinets.....	—	—	1,212,436
Pants, men's—			
Woollen.....	No.	1,766,592	8,582,197
Other.....	"	357,352	910,659
Pants and knickers, boys'—			
Woollen.....	"	711,780	1,078,260
Other.....	"	1,846,056	1,006,100
Pants and breeches, working—			
Cotton.....	doz.	291,739	5,223,827
Woollen and mixtures.....	"	91,363	3,343,806
Pants, sport.....	pair	8,901	25,900
Pants, baby, rubber.....	—	—	370,253
Pants, rubberized and oiled.....	—	—	66,160
Paper—			
Adding machine and cash register.....	roll	2,238,300	143,607
Asbestos.....	—	—	*
Blotting, clay coated and enamelled.....	—	—	*
Blue print and photostat.....	—	—	593,646
Book.....	short ton	61,399	8,425,272

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1945—Con.

Items	Unit of Measure	Quantity	Value
			\$
Paper— <i>Concluded</i>			
Box cover, coloured.....	—	—	446,686
Writing, pads, tablets, etc.....	—	—	1,062,289
Building and roofing paper—			
Asphalt saturated rag, asbestos and solka felt shingles....	sq.	1,411,588	7,267,139
Mineral surfaced rag, asbestos and solka felt roofing.....	"	1,194,198	3,023,442
Smooth surfaced rag, asbestos solka felt roll roofing.....	"	1,215,209	1,796,843
Tar and asphalt saturated rag, asbestos and solka, felts, not coated.....	ton	29,466	1,774,305
Tar and asphalt saturated and coated sheathings.....	"	13,042	884,189
Paper and felt building and roofing untreated.....	—	—	*
Other felts and sheathings.....	ton	8,260	397,171
Building papers.....	—	58,199	3,459,384
Paper—insulated brick siding.....	—	—	—
Carbon.....	ream	129,679	1,369,561
Cellophane, etc.....	—	—	*
Cigarette tubes and paper.....	—	—	*
Coated, paper, other, n.e.s.....	—	—	2,068,642
Corrugated.....	—	—	441,578
Creped or crinkled.....	lb.	1,623,887	386,535
Fabric.....	—	—	*
Fine.....	short ton	70,814	13,598,826
Fooscap, not elsewhere specified.....	—	—	98,369
Friction or flint glazed.....	—	—	*
Gummed (in sheets).....	—	—	*
Special industrial.....	short ton	7,422	1,160,929
Lining, pan, shelf, etc.....	—	—	348,800
Parchment, vegetable.....	—	—	1,043,505
Oiled.....	—	—	84,256
Paper napkins and doilies (see "Napkins" and "Doilies")			
Newsprint paper—			
In sheets, for printing.....	short ton	86,176	5,687,585
In rolls, for printing.....	"	3,184,224	180,804,765
Side runs for pulping.....	"	53,409	2,516,978
Counter rolls.....	—	—	*
Other.....	short ton	22,397	1,328,570
Printing and specialty paper, groundwood.....	"	29,985	2,444,311
Safety paper, for cheques, etc.....	—	—	321,914
Sanitary.....	short ton	38,419	4,381,326
Tissue, converted.....	"	1,314	328,946
Tissue, other than sanitary.....	"	11,999	2,684,406
Toilet, converted.....	cases	833,363	3,838,418
Towels, paper (see "Towels")			
Typewriter, not elsewhere specified.....	ream	160,390	115,955
Wall paper.....	—	—	*
Waterproofed, other than waxed, n.e.s.....	—	—	*
Waxed, all kinds.....	lb.	28,454,069	3,804,001
Wrapping paper—			
Manila.....	—	—	*
Kraft, basic stock.....	short ton	124,822	12,352,371
Sulphite.....	"	13,800	2,075,481
Miscellaneous furnishes.....	"	15,573	1,592,477
Wrapping, special.....	"	7,980	1,538,223
Paper, miscellaneous, not elsewhere specified, converted.....	—	—	314,637
Paper goods, including papeteries.....	—	—	1,284,989
Paper board—			
Box board.....	short ton	317,845	20,678,267
Building, rigid insulating.....	"	58,472	4,797,788
Building, other.....	"	17,868	1,959,358
Container chips.....	"	7,096	332,637
Corrugating board.....	"	78,756	4,997,024
Liners.....	"	137,059	9,102,314
Mounting board.....	—	—	*
Clay coated and enamelled.....	—	—	*
Coated, other, not specified.....	—	—	2,425,044
Silicated.....	—	—	*
Wallboard and building board, n.e.s.....	sq. ft.	5,920,292	188,525
All other board and paper, not specified.....	—	—	1,282,262
Parachute and parachute equipment.....	—	—	6,381,819
Paratrachlorodiphenylethane.....	—	—	*
Paste, adhesive.....	lb.	5,162,658	352,700

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1945—Con.

Items	Unit of Measure	Quantity	Value
			\$
Paste, fish, meat and chicken.....	lb.	3,573,826	1,131,270
Paste, flavouring.....	"	5,131	4,590
Paste, tooth (see "Dentifrices").....	"	"	"
Patterns and models, foundry and other, wood and metal.....	"	"	1,330,043
Patterns, paper.....	"	"	781,940
Patterns, shoe.....	"	"	"
Peanut butter.....	lb.	15,478,078	2,513,269
Peanuts, roasted and salted (for sale).....	"	16,170,061	5,578,567
Peas, split.....	"	4,735,578	386,440
Peavies, cant hooks and pike poles.....	"	"	189,128
Pectin (see also "Apple juice concentrate").....	"	"	"
Pencils, ordinary lead.....	gross	293,250	1,523,245
Pencils, adjustable lead.....	"	8,175	864,562
Penicillin.....	units	226,400,100,000	2,273,842
Pennants.....	"	"	51,681
Pens, fountain.....	doz.	215,707	3,871,983
Pen parts, pen holders and nibs.....	"	"	288,741
Perchlorethylene.....	"	"	"
Perfumes.....	"	"	1,870,387
Periodicals, printed by publishers—			
Newspapers, daily—			
Gross revenue from advertising.....	"	"	32,665,460
Subscriptions and sales.....	"	"	20,129,992
Newspapers, weekly and other—			
Gross revenue from advertising.....	"	"	8,557,954
Subscriptions and sales.....	"	"	6,087,163
Magazines and other bound periodicals—			
Gross revenue from advertising.....	"	"	6,137,278
Subscriptions and sales.....	"	"	3,079,695
Phenol.....	"	"	"
Phonograph records and other supplies.....	"	"	"
Phosphorus.....	"	"	"
Photo-engraving.....	"	"	4,390,872
Photographic materials, not elsewhere specified (including photo paper).....	"	"	1,897,570
Photography (commercial).....	"	"	340,964
Phthalic anhydride.....	"	"	"
Pianos—			
Grand.....	No.	42	23,608
Upright.....	"	2,575	623,982
Not specified.....	"	"	"
Pianos in process of manufacture.....	No.	350	20,441
Piano strings and other parts.....	"	"	207,381
Pickets.....	M	7,896	247,673
Pickles, relishes and sauces.....	gal.	3,819,106	5,967,304
Pictures, framed.....	"	"	564,341
Picture and mirror frames.....	"	"	563,661
Pies, cakes and pastry.....	"	"	46,570,213
Piling, sheet.....	"	"	"
Pillow cases, bureau runners, scarves, etc.....	"	"	899,863
Pillows.....	No.	510,410	731,357
Pins, plain, and hair pins.....	"	"	898,515
Pipe and fittings, brass, bronze and copper.....	"	"	71,319
Pipe and fittings, cast iron, other.....	short ton	49,605	4,364,139
Pipe and fittings, cast iron, soil.....	"	19,780	1,796,703
Pipe, lead.....	lb.	6,672,362	544,918
Pipe and fittings, malleable iron.....	short ton	8,281	2,947,288
Pipe, sewer, clay.....	"	"	1,306,597
Pipe, sewer and culvert, cement.....	"	"	1,354,779
Pipe, culvert, n.e.s.....	"	"	585,900
Pipe, steel rivetted, and welded.....	"	"	120,666
Pipe and fittings, steel, n.e.s.....	"	"	16,134,813
Pipe and tubing, copper.....	lb.	11,345,881	2,564,532
Pipes, furnace.....	"	"	1,004,191
Pipes, wooden.....	"	"	"
Pipes, wrought iron, and fittings.....	"	"	"
Pipes, other.....	"	"	"
Pipes, tobacco.....	"	"	236,854
Pipe (tobacco) cleaners.....	"	"	"
Piston rings, automobile.....	No.	23,826,090	2,293,805
Pistons, automobile, and piston pins.....	"	"	"
Pitch.....	ton	68,155	1,208,909

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1945—Con.

Items	Unit of Measure	Quantity	Value
			\$
Planers, metal working.....	—	—	*
Planing, custom.....	M ft. b.m.	552,055	2,393,411
Planters, corn.....	No.	2,856	154,377
Planters, potato.....	—	—	*
Plastics, moulded (see "Synthetics").....	—	—	—
Plate and tank work, steel, miscellaneous.....	—	—	2,802,162
Plates, sheets and strips, brass, copper, etc.....	lb.	44,381,987	8,661,011
Plates, brass, engraved.....	—	—	252,779
Plates, flats, iron and steel.....	—	—	17,168,250
Plates, license, name, etc.....	—	—	552,567
Plates and spoons, paper.....	—	—	201,787
Plating and galvanizing salts.....	—	—	*
Platinum, refined, and other platinum products.....	—	—	582,897
Playground, track and field equipment.....	—	—	55,341
Play yards.....	—	—	*
Ploughs and parts.....	—	—	2,904,076
Ploughs, snow.....	—	—	464,163
Plugs, wooden.....	—	—	103,608
Plumbers' supplies, not elsewhere specified (brass, copper, etc.).....	—	—	4,150,750
Plywood.....	M sq. ft.	320,830	15,029,844
Poison, gopher and rat.....	—	—	176,131
Polish, furniture.....	—	—	373,850
Polish, metal.....	—	—	158,856
Polish, shoe.....	—	—	1,390,931
Polish, stove.....	—	—	91,786
Polishes and waxes, floor.....	—	—	4,482,363
Polishes and dressings, automobile.....	—	—	100,055
Polishes and dressings, leather.....	—	—	31,064
Polishes and dressings, not specified.....	—	—	61,738
Polishers, floor, electric and other.....	—	—	32,112
Popcorn.....	lb.	2,090,965	666,756
Polymer feed stocks.....	—	—	*
Post-cards, printed.....	—	—	372,205
Posts, steel.....	—	—	218,374
Potassium chlorate and perchlorate.....	—	—	*
Potato chips (factory made).....	lb.	2,593,101	929,056
Pot holders.....	—	—	10,800
Pot scourers.....	—	—	256,082
Pottery, glazed and unglazed.....	—	—	942,146
Pottery from imported clay.....	—	—	*
Poultry, canned (see "Meats, canned").....	—	—	—
Poultry, sold fresh.....	lb.	24,732,831	7,756,541
Powder, baking.....	"	11,960,960	2,012,712
Powder, buttermilk.....	"	4,303,549	365,861
Powder, cream.....	"	7,927	3,635
Powder, custard.....	"	996,092	199,965
Powder, egg.....	"	24,484,430	29,028,191
Powder, ice cream.....	"	356,118	174,871
Powder, jelly.....	"	4,058,173	1,153,969
Powder, lactogen.....	—	—	*
Powder, milk, all kinds.....	lb.	13,334,258	4,458,696
Powder, malted milk.....	—	—	*
Powder, paste.....	—	—	*
Powder, pudding.....	lb.	8,632,163	1,864,535
Powder, skim milk.....	"	36,958,426	4,094,631
Powders, edible, not specified.....	"	1,964,596	722,523
Powder, bronze and aluminum.....	"	20,675,047	5,491,227
Powder, sachet.....	—	—	30,309
Powder, talcum and face.....	—	—	2,616,466
Precious metal salts.....	—	—	*
Press cloths.....	—	—	22,098
Presses, tennis and badminton racquet.....	No.	30,190	14,105
Presses, hydraulic, and other power.....	—	—	716,610
Printing—	—	—	—
Circular letters.....	—	—	643,505
General, for trade.....	—	—	452,005
Custom printing (paper supplied by customer).....	—	—	1,054,883
Private and personal.....	—	—	907,435
Blue prints and photostats.....	—	—	886,227
Box cover, paper, coloured.....	—	—	43,011
Periodicals printed for publishers.....	—	—	10,120,430
Railway time tables and tariffs.....	—	—	382,875

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1945—Con.

Items	Unit of Measure	Quantity	Value
Printing— <i>Concluded</i>			\$
Other printed matter: menus, statements, bank notes, programmes, etc. (see also "Advertising matter")	—	—	5,519,528
Printing and painting on textile fabrics	—	—	1,038,780
Propane	—	—	175,679
Propellers and shafts	—	—	*
Publications, subscriptions and sales (see "Printing" and "Periodicals")	—	—	—
Puddings	—	—	196,708
Puffs, powder	—	—	201,788
Pulleys, wood	—	—	140,368
Pulpers and slicers	—	—	*
Pulp, fruit (see "Fruit pulp")	—	—	—
Pulpstones, artificial	—	—	*
Pulpwood	cord	668,126	12,380,071
Pulp chips	—	—	444,923
Pulp, wood—			
Ground wood—			
Quantity made	short ton	3,341,920	—
Quantity sold	"	283,666	11,991,202
Soda pulp	—	—	*
Sulphate pulp—			
Quantity made	short ton	478,740	—
Quantity sold	"	228,924	16,944,608
Sulphite fibre, bleached—			
Quantity made	"	603,929	—
Quantity sold	"	544,714	46,942,101
Sulphite fibre, unbleached—			
Quantity made	"	1,035,755	—
Quantity sold	"	517,522	36,631,173
Screenings—			
Quantity made	"	92,074	—
Quantity sold	"	38,452	728,757
Other	"	12,553	267,201
Pumps, centrifugal	—	—	2,174,808
Pumps, hand	—	—	210,419
Pumps, steam	—	—	924,865
Pumps, other, power	—	—	303,473
Pumps, pumping systems for country homes	—	—	617,187
Pumps, gasoline handling	—	—	124,005
Pumps, not specified, and pump parts	—	—	1,723,594
Punching machines	—	—	*
Purses, pocket-books and folders	No.	3,123,039	1,696,934
Putty and fillers, n.e.s.	lb.	10,179,899	446,310
Pyjamas—			
Cotton and flannelette	doz.	292,152	3,682,544
Silk and artificial silk mixtures	"	31,045	718,166
Not specified	"	14,125	207,487
Pyrometers	—	—	*
Pyrotechnics and fireworks	—	—	1,620,024
Quilted goods	—	—	587,021
Racquets, tennis, badminton and squash	No.	63,592	206,235
Radar equipment (see "Radio communication equipment")	—	—	—
Radiators, automobile	—	—	2,393,950
Radiator and boiler compounds	—	—	154,570
Radiators, heating, concealed type	sq. ft.	1,097,281	380,722
Radiators, heating, direct type	"	6,657,568	1,989,486
Radiators, not specified, and parts	—	—	—
Radio communication equipment	—	—	34,141,520
Radio sets, tubes and accessories	—	—	13,702,306
Radio cases	—	—	*
Rail anchors	—	—	—
Railway, angle splice bars	net ton	10,836	778,664
Railway tie plates	"	40,784	2,271,313
Rails, iron or steel—			
Quantity made	"	291,651	—
Quantity sold	"	288,630	14,229,922
Railway frogs, switches and other track equipment	—	—	1,378,660
Railway car and coach fittings, bearings, etc.	—	—	1,211,650

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1945—Con.

Items	Unit of Measure	Quantity	Value
			\$
Rakes, hand.....	No.	414,534	191,250
Rakes, dump, side rakes and tedders.....	"	11,748	562,273
Razor blades.....	—	—	*
Razors, safety, electric and other, and parts.....	—	—	*
Razor strops.....	—	—	*
Recorders, time.....	—	—	150,634
Rectifiers for storage battery charging, and parts.....	—	—	*
Reels, wire rope.....	—	—	*
Refractories—			
Cement, high temperature.....	—	—	374,173
Firebrick from domestic clay.....	—	—	411,926
Firebrick from imported clay.....	—	—	775,292
Other.....	—	—	1,406,830
Refrigerators—			
Electric.....	No.	3,459	1,018,898
Electric, condensing units.....	—	—	563,620
Other.....	—	—	1,577,994
Refrigerator parts, not specified.....	—	—	64,441
Regalia, all kinds.....	—	—	*
Registers, cash.....	—	—	789,654
Registers and grills, air.....	—	—	405,534
Regulators, not specified.....	—	—	*
Remedies, stock and poultry.....	—	—	1,427,513
Rennet extract.....	—	—	*
Repair gums and fabrics.....	lb.	1,848,631	1,773,188
Repair kits.....	No.	915,714	169,532
Repair patches, tire and tube.....	"	3,607,815	714,041
Resin film and resin film products.....	—	—	*
Resin sealers.....	—	—	*
Ribbons.....	—	—	*
Rice, cleaned, etc.....	—	—	*
Rings, fruit jar, rubber.....	—	—	*
Rings, fruit jar, zinc.....	—	—	*
Robes, carriage and automobile.....	—	—	27,707
Rockwool.....	—	—	1,839,122
Rods and bars, bronze and brass.....	lb.	47,750,756	7,255,273
Rods, copper wire.....	"	76,354,740	12,772,634
Rods, iron and steel, wire—			
Quantity made.....	net ton	257,606	—
Quantity sold.....	"	105,648	4,417,200
Roll covering, rubber.....	lb.	95,653	191,092
Rollers, land, and land packers.....	No.	2,401	109,057
Rollers, printers.....	lb.	496,789	298,573
Rolls, rubber covered.....	No.	179,582	351,475
Rolls, bending and straightening.....	—	—	*
Roofing preparations, a.e.s.....	—	—	408,600
Rope—			
Manilla.....	lb.	685,692	136,029
Sisal.....	"	20,673,696	3,466,685
Jute and hemp.....	"	1,053,161	468,070
All other.....	"	473,494	200,032
Rubber, reclaimed.....	—	—	*
Rubber and rubber goods, hard.....	lb.	179,277	155,089
Rubber coverings, linings, etc.....	"	611,742	378,911
Rubber goods, moulded.....	"	1,655,510	953,205
Rubber goods, sanitary, not elsewhere specified.....	doz.	1,233,117	337,938
Rubber goods, soft, and sponge.....	lb.	166,251	116,670
Rubber automotive and aeroplane parts.....	"	1,911,181	886,009
Rubber goods, not specified.....	—	—	786,844
Rubber thread.....	lb.	458,134	446,626
Rubber, synthetic.....	—	—	*
Rugs, automobile.....	No.	65,984	268,108
Rules, steel.....	"	700	4,932
Rules, wooden.....	—	—	183,280
Ruling (printing plants).....	—	—	311,548
Rust preventives and removers.....	—	—	355,834
Saddles.....	No.	2,176	66,841
Saddle parts.....	—	—	14,583
Safes, vaults and fittings.....	—	—	890,911
Sails.....	—	—	66,283

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1945—Con.

Items	Unit of Measure	Quantity	Value
			\$
Salt.....	—	—	4,864,697
Salt, curing.....	—	—	137,655
Sanders (wood-working).....	lb.	1,424,638	36,122
Sandwich relish and spread.....	No.	10	774,921
Sanitary ware.....	—	—	4,283,202
Sash, doors and millwork.....	—	—	24,830,781
Sash, steel, brass, etc.....	—	—	775,931
Sash weights.....	—	—	*
Sauces, catsups and relishes (see "Tomato catsup and pickles, sauces, etc.")	—	—	*
Sauerkraut—	—	—	—
Canned.....	lb.	3,119,141	167,685
Other.....	"	548,712	32,826
Sausage casings.....	—	—	2,754,637
Sausage, fresh or cured.....	lb.	133,250,476	25,436,642
Sawdust and waste, sold.....	—	—	1,207,607
Saws, all kinds.....	—	—	4,176,630
Saw parts and saw benches.....	—	—	47,799
Scales.....	No.	15,569	1,263,243
Scarves.....	doz.	247,013	2,548,482
School supplies, not specified.....	—	—	74,131
Scientific equipment, not specified.....	—	—	2,962,151
Scissors and shears.....	—	—	*
Scout cars.....	No.	186	405,766
Scrap, aluminum.....	lb.	2,727,979	311,414
Scrap, brass, bronze and copper.....	"	8,887,392	725,743
Scrap, iron and steel.....	ton	100,655	1,719,929
Scrap, not specified.....	—	—	40,039
Screening, barley, etc.....	—	—	471,382
Screens, door and window.....	—	—	138,619
Screen, industrial.....	—	—	100,643
Screws and screw machine products.....	—	—	7,416,592
Scuffers.....	—	—	188,189
Scythes.....	—	—	*
Seals.....	—	—	44,544
Searchlights, projectors, etc., n.e.s.....	—	—	955,857
Seed boxes for one-way discs, etc.....	No.	6,244	900,982
Seeders, horse, power and hand.....	—	—	*
Seasoning, dry and liquid.....	—	—	438,699
Shades, window, shade cloth, and fittings—	—	—	—
Ordinary shades and blinds.....	—	—	1,399,984
Venetian blinds.....	—	—	1,058,854
Shade cloth, rollers, etc.....	—	—	504,419
Shanks, shoe.....	—	—	202,610
Shapers and jointers, wood-working.....	No.	36	28,128
Shapers, metal-working.....	"	49	151,491
Sharpeners, pencil.....	—	—	*
Sharpening stones and files.....	—	—	218,940
Shawls.....	—	—	*
Shearing machines.....	—	—	84,896
Sheet forms, commercial, etc., printed.....	—	—	15,919,602
Sheets and sheeting, cotton.....	—	—	3,425,332
Sheets and pillow slips, crib.....	doz.	9,747	55,474
Sheets, rubber.....	—	—	3,472
Sheets, crib, rubberized.....	doz.	36,439	155,938
Sheeting, rubber, all kinds.....	—	—	133,723
Sheet ironware, not elsewhere specified.....	—	—	*
Sheet metal building materials, not elsewhere specified.....	—	—	860,405
Sheet metal products, n.e.s.....	—	—	1,561,485
Sheets, aluminum.....	—	—	*
Sheets, corrugated iron.....	—	—	897,240
Sheets, iron and steel.....	—	—	*
Sheets, tin mill, black plate, galvanized, etc.....	—	—	7,046,778
Shields, dress.....	doz.	200,222	225,920
Shims, railroad and other.....	—	—	154,848
Shingle bands.....	—	—	58,930
Shingles, wooden.....	—	—	11,739,824
Shingles, asbestos.....	—	—	*
Shipbuilding and repairs.....	—	—	266,093,998
Shirts, fine—	—	—	—
Cotton.....	doz.	579,567	8,704,985
Silk and artificial silk.....	"	4,069	201,697

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1945—Conc.

Items	Unit of Measure	Quantity	Value
			\$
Shirts, dress.....	doz.	9,929	125,422
Shirts, work—			
Cotton.....	"	507,741	5,369,134
Wool.....	"	23,346	766,173
Shirts, not specified.....	"	16,369	156,462
Shirts, sport, men's.....	"	55,212	1,102,760
Shirts and blouses, boys.....	"	88,950	711,413
Shock absorbers, automobile.....	—	—	*
Shoddy, mungo and wool extract.....	lb.	1,976,537	287,274
Shoe trimmings.....	—	—	218,298
Shoe uppers and tops.....	—	—	*
Shooks, box.....	M ft. b.m.	196,435	14,199,084
Shortening—			
Containing animal fat.....	lb.	78,550,264	11,465,209
Containing no animal fat.....	"	32,721,838	4,935,926
Shortening substitute.....	—	—	*
Shorts and middlings.....	ton	493,235	13,156,389
Shovels hand.....	—	—	*
Shovels, power.....	—	—	375,789
Shuttlecocks, badminton.....	—	—	*
Signal systems (traffic, fire alarm, etc.).....	—	—	283,630
Signs, electric, gas, neon and other luminous.....	—	—	420,397
Signs, metal, etc.....	—	—	802,676
Silicon carbide.....	—	—	*
Silicon metal.....	—	—	*
Silico manganese, silico spiegel, etc. (see "Ferro-alloys").....	—	—	*
Silk, broad—			
Silk mixtures.....	yd.	223,030	83,715
Artificial silk, continuous filament.....	"	5,010,944	3,473,824
Spun rayon and mixtures.....	"	24,836,720	10,503,365
Other artificial silk and mixtures, continuous filament.....	"	52,044,857	24,473,388
Silk and artificial silk knitted goods, n.e.s.....	"	5,884,583	2,687,182
Silos.....	—	—	*
Silver alloys.....	—	—	190,936
Silver, fine.....	—	—	550,736
Silver, sterling, melted, rolled, etc.....	—	—	1,701,715
Size.....	lb.	15,526,330	692,368
Skates.....	—	—	306,636
Skewers.....	—	—	*
Skis.....	pair	142,614	364,036
Ski poles and fittings.....	—	—	378,833
Skins, calf.....	No.	709,193	2,016,763
Skins, sheep.....	—	—	1,782,582
Skins, pickled.....	No.	1,121,856	863,072
Skins, raw and dressed.....	—	—	1,917,398
Skirts—			
Cotton.....	No.	196,743	213,128
Artificial silk.....	"	705,547	1,461,074
Woolen.....	"	565,866	1,639,976
Other.....	"	48,257	113,641
Slabs and edgings.....	cord	810,685	2,544,494
Sleeve protectors.....	—	—	3,919
Sleighs.....	—	—	454,947
Sleighs, children's.....	No.	163,548	230,871
Sleighs, dog.....	—	—	11,732
Slicers, meat and bread.....	—	—	288,025
Slippers, cloth, carpet, etc.—			
Babies.....	pair	146,056	91,436
Boys'.....	"	242,517	160,758
Misses' and children's.....	"	1,508,170	956,642
Men's.....	"	1,168,810	1,637,257
Little gents.....	"	10,395	6,237
Women's and growing girls.....	"	3,855,639	3,837,991
Not specified.....	"	66,984	112,787
Silver, roving, etc.....	—	—	45,514
Sloters.....	—	—	*
Smelter and refinery products.....	—	—	355,676,526
Smocks, women's.....	doz.	29,800	503,995
Smoke breeching.....	—	—	38,985
Smoker sets.....	—	—	272,476
Smokestacks, steel.....	No.	302	91,128

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1945—Con.

Items	Unit of Measure	Quantity	Value
			\$
Snowmobiles and parts.....	—	—	*
Snow removing equipment.....	—	—	*
Snow shoes.....	—	—	*
Soap—			
Household, laundry and chips.....	lb.	127,563,540	11,102,992
Liquid.....	—	3,924,018	394,279
Polishing or scouring.....	—	348,152	30,776
Powder.....	—	85,204,044	8,347,072
Soft.....	—	2,399,981	167,543
Textile and mill.....	—	3,932,070	398,344
Toilet.....	—	37,732,885	7,050,468
Shaving, including shaving creams.....	—	1,338,447	1,414,438
Hard, all other.....	—	4,627,367	293,349
Soap not specified.....	—	4,144,850	204,175
Soap stock.....	—	3,703,789	148,439
Sodium azide.....	—	—	*
Sodium bisulphate.....	—	—	*
Sodium carbonate.....	—	—	*
Sodium chlorate.....	—	—	*
Sodium hydroxide.....	lb.	130,273,593	2,956,963
Sodium hypochlorite.....	—	—	*
Sodium metabisulphite.....	—	—	*
Sodium metasilicate.....	—	—	*
Sodium phosphate, disodium and tri-sodium.....	lb.	13,427,295	616,279
Sodium pyrophosphate.....	—	—	*
Sodium silicate.....	—	—	*
Sodium sulphite.....	—	—	*
Sodium sulphate.....	—	—	*
Sodium thiosulphate.....	—	—	*
Solder.....	lb.	7,156,668	1,814,494
Soling, plastic (shoe).....	—	—	*
Soling, rubber—			
Rubber and composition soles.....	pair	1,988,254	458,571
Rubber and composition half-soles.....	—	1,098,489	193,240
Soling and slabs for heels.....	lb.	1,550,299	461,364
Soles, and heel lifts, not elsewhere specified.....	—	—	521,969
Soles, felt, and other (insoles).....	—	—	313,655
Soup, canned.....	lb.	131,916,108	15,872,545
Soup, dehydrated.....	—	159,165	198,561
Soup mixtures.....	—	2,680,591	1,510,989
Soya bean products, n.e.s.....	—	—	*
Spades and shovels.....	No.	963,089	699,995
Spark plugs.....	—	10,907,935	2,825,354
Speed reducer units.....	—	—	767,960
Spice compound.....	lb.	971,072	171,823
Spices, mixed, whole or ground.....	—	4,197,214	1,382,538
Spiegeleisen.....	—	—	*
Spikes, railway.....	ton	12,287	843,150
Spikes, other.....	—	—	36,178
Spinning and weaving, custom.....	—	—	2,234,174
Spinning wheels.....	No.	1,570	12,906
Spirits produced during the year but placed in bond for maturing—			
Whiskey, rye type.....	pr. gal.	5,832,115	3,256,409
Whiskey, scotch type.....	—	1,962,817	1,203,605
Whiskey, other.....	—	2,073,400	1,271,358
Gin.....	—	1,103,131	1,033,551
Brandy and rum.....	—	21,384	40,981
Other beverage spirits.....	—	5,715,729	3,059,701
Spirits, matured, sold (including purchases from other firms)—			
Whiskey, scotch type.....	—	602,477	3,753,154
Whiskey, rye type.....	—	5,968,541	34,063,403
Whiskey, other types.....	—	198,218	680,837
Gin.....	—	1,422,305	7,020,508
Brandy and rum.....	—	140,907	745,084
Liqueurs, cordials and cocktails.....	—	21,409	230,069
Other beverage spirits.....	—	1,751,185	1,508,494
Spools, bobbins and shuttles.....	—	—	1,276,314
Sport gloves and mitts.....	—	—	189,592
Sporting goods, not specified.....	—	—	409,539
Sprayers, hand.....	No.	5,600	60,880
Sprayers, power.....	—	346	142,806
Sprayers, not specified.....	—	—	24,922

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1945—Conc.

Items	Unit of Measure	Quantity	Value
			\$
Springs, automobile.....	—	—	6,657,601
Springs, bed and upholstering—			
Box.....	—	—	638,831
Coil.....	—	—	11,020
Cable.....	No.	173,701	977,269
Link.....	"	104,968	645,454
Slat.....	"	132,492	1,057,154
Bed and upholstering, not specified.....	—	—	117,948
Springs for cars and locomotives.....	—	—	1,151,837
Springs, steel wire.....	—	—	*
Springs, other.....	—	—	2,155,658
Squares, hardwood.....	—	—	1,793,053
Stains.....	imp. gal.	374,754	763,797
Stabilizers, ice cream, etc.....	lb.	30,156	39,317
Stampings, metal, not specified.....	—	—	5,818,887
Stamps, rubber.....	—	—	394,541
Stamps, not specified.....	—	—	296,187
Stamps, postage, revenue, etc.....	—	—	697,161
Staples, wire.....	keg	43,457	200,863
Starch, corn, edible.....	—	—	*
Starch, corn, laundry.....	—	—	*
Starch, and flour, potato.....	ton	2,414	326,019
Starch, wheat.....	—	—	*
Starch, blended.....	—	—	*
Stationery goods, not specified.....	—	—	301,149
Statues and art goods.....	—	—	707,608
Staves, barrel.....	M	62,177	1,348,713
Steam traps, etc.....	—	—	274,379
Stearine.....	lb.	1,865,388	173,180
Steel shapes erected—			
Bridges.....	ton	3,144	686,671
Buildings.....	—	70,681	13,235,156
Transmission towers.....	"	4,121	660,009
Steel shapes, structural, unfabricated, etc.—			
Quantity made.....	"	191,907	*
Quantity sold.....	"	190,050	10,399,503
Steel shapes, structural, plain material.....	"	67,617	6,507,145
Steel shapes, structural, fabricated.....	"	15,517	2,584,556
Steel, miscellaneous.....	—	—	834,340
Steel wool.....	—	—	*
Stellite.....	—	—	*
Stencils, paper (office machine).....	—	—	*
Stencils.....	—	—	53,897
Stockinette (see "Knitted fabric").....	—	—	*
Stocking and glove dryers.....	—	—	12,487
Stokers, mechanical.....	—	—	1,768,041
Stoker parts.....	—	—	546,315
Stone, artificial.....	—	—	216,495
Stools, benches and cabinets.....	—	—	23,415
Store fixtures, n.s.....	—	—	10,575
Stoves—			
Coal and wood.....	No.	271,073	7,351,087
Electric and combination coal and electric.....	"	33,061	2,470,847
Gas and combination coal and gas.....	"	37,053	2,247,939
Gasoline and oil.....	"	102,297	356,828
Plates, stove, stove parts, etc.....	—	—	1,271,968
Straps, leather.....	doz.	285,385	486,303
Straws, soda.....	M	680,372	188,293
Strings, racquet.....	—	—	*
Sugar butter.....	lb.	1,789,076	243,018
Sugar, granulated—			
Beet.....	lb.	160,723,290	52,233,169
Cane.....	"	690,590,775	
Sugar, brown or yellow.....	"	88,954,297	4,883,052
Sugar, grape.....	—	—	*
Sugar, invert.....	—	—	*
Sugar, loaf.....	"	12,188,812	949,819
Sugar, maple (factory made).....	—	—	*
Sugar of milk.....	lb.	643,277	136,088
Sugar, pulverized or icing.....	"	28,072,954	1,924,795

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1945—Con.

Items	Unit of Measure	Quantity	Value
			\$
Suits—			
Men's and boys'—			
Boys' woollen.....	No.	383,386	3,191,419
Men's woollen.....	"	1,328,783	28,015,213
Other, men's and boys'.....	"	53,033	291,467
Women's and misses'—			
Cotton.....	"	6,248	26,340
Silk and artificial silk.....	"	41,443	435,181
Woollen.....	"	411,516	6,262,196
Other, not specified.....	—	—	1,070,557
Children's, play and other washable.....	No.	2,115,255	1,499,779
Knitted, women's and children's.....	"	19,452	208,154
Sulphur dioxide, liquid.....	—	—	*
Sulphur monochloride.....	—	—	*
Superheaters.....	—	—	*
Superphosphate.....	ton	195,921	3,017,452
Surfacers, wood-working.....	—	—	*
Surgical and orthopaedic appliances, and surgical dressings—			
Surgical bandages and dressings.....	—	—	1,727,462
Surgical belts.....	doz.	3,945	105,455
Surgical stockings, elastic.....	No.	56,547	107,460
Orthopaedic corsets.....	—	—	662,252
Artificial limbs, crutches and parts.....	—	—	150,278
Foot eazers, arch supports, knee caps, etc.....	—	—	45,629
Trusses.....	No.	74,647	186,152
Other surgical supports.....	—	—	496,624
Surgical and orthopaedic appliances and instruments, not specified.....	—	—	698,937
Suspenders, supporters and garters.....	—	—	1,953,180
Swathers.....	—	—	*
Sweaters, jackets, etc.....	doz.	838,015	13,306,028
Sweeping compounds.....	—	—	154,531
Swings, baby and other.....	—	—	*
Switch gear and protective equipment (except telephone switch-boards).....	—	—	5,932,986
Switches, enclosed safety type.....	—	—	1,140,042
Synthetic and plastic products, n.e.s.....	—	—	8,428,332
Syringes, fountain, and attachments.....	doz.	21,769	76,809
Syrup, corn.....	—	—	*
Syrup and fruit juices, fountain.....	gal.	1,040,691	1,841,819
Syrup, maple (factory made).....	—	—	*
Syrups, table.....	gal.	48,774	69,276
Syrups from cane (not including molasses).....	lb.	12,649,008	542,321
Table cloths and napkins.....	doz.	36,934	582,012
Tacks, cut and wire.....	—	—	665,293
Tags and labels, shipping.....	—	—	8,783,704
Tags and tickets, printed.....	—	—	1,387,854
Tags, not specified.....	—	—	23,713
Tailors' supplies, n.e.s.....	—	—	2,373,142
Tallow.....	lb.	89,845,385	7,901,257
Tankage, animal.....	"	71,416,573	1,540,106
Tanks, steel storage, black, galvanized, etc.....	—	—	3,973,484
Tanks, pressure, other.....	—	—	474,649
Tanks, steel, pneumatic.....	—	—	252,310
Tanks, steel, septic.....	—	—	160,211
Tanks, other, not specified.....	—	—	1,123,217
Tanners' bate.....	—	—	*
Tape, rubber and friction.....	lb.	1,746,391	660,051
Tape, paper, gummed.....	—	—	2,114,749
Tape, telegraph.....	—	—	*
Tapes, fabric.....	—	—	988,302
Tapestries and other upholstering materials.....	yds.	2,762,673	2,922,397
Tapes, measuring, n.s.....	—	—	*
Tapioca.....	—	—	*
Tar, coal and crude.....	imp. gal.	37,997,389	2,194,096
Tar, refined.....	gal.	10,532,862	988,249
Tar from petroleum refineries.....	lb.	2,336,670	74,773
Targets, clay.....	—	—	*
Tea, blended, etc.....	lb.	43,246,172	28,356,137
Telephone material.....	—	—	6,411,369

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1945—Con.

Items	Unit of Measure	Quantity	Value
			\$
Tenoners and mortisers, wood-working.....	—	—	12,825
Tents.....	No.	25,823	682,999
Thermit.....	—	—	9,040
Thermometers, all kinds.....	—	—	*
Thickeners, mining and metallurgical.....	—	—	53,480
Thinners, pyroxylin.....	gal.	1,007,834	1,152,970
Thread, cotton.....	—	—	5,531,659
Thread, artificial silk, linen, etc. (see also "Yarn and thread")..	—	—	159,632
Threshers and reaper-threshers, combined and parts.....	—	—	9,479,012
Ties, wooden.....	—	—	6,516,158
Tile, asphalt and other, n.s.....	—	—	650,507
Tile, drain (from domestic clay).....	M	13,393	495,775
Tile, floor (from domestic clay).....	sq. ft.	197,164	46,365
Tile, floor and wall (from imported clay).....	—	—	*
Tile, roofing, and hollow blocks.....	ton	94,244	998,210
Timbers, mine.....	pes.	481,644	519,910
Tin.....	lb.	2,234,663	278,182
Tinned plate and scrap.....	—	—	*
Tinsel garlands and ribbons.....	—	—	*
Tinware, japanned or not.....	—	—	460,951
Tire braids, auto.....	—	—	*
Tire fabrics.....	lb.	25,865,820	14,545,665
Tires and tubes—			
Balloon, casings.....	No.	2,691,336	69,515,261
High pressure, casings.....	"	59,693	2,330,107
High pressure and balloon inner tubes.....	"	2,639,033	8,246,660
Bicycle tubes.....	"	490,037	225,561
Aeroplane tires.....	"	11,893	740,978
Aeroplane tubes.....	"	9,336	93,896
Motorcycle tires.....	"	4,327	30,836
Bicycle tires.....	"	568,282	456,451
Tires, implement and tractor, pneumatic.....	"	138,248	3,430,501
Tires, rubber, not specified.....	—	—	348,301
Tires, rebuilt.....	No.	22,800	147,882
Tires, railway car.....	—	—	2,189,497
Tissues, cleansing.....	—	—	*
Toasters, electric.....	No.	158,296	569,849
Tobacco—			
Chewing, cut and twist.....	lb.	240,248	317,047
Chewing, plug.....	"	2,563,505	3,323,820
Smoking, leaf.....	"	313,069	177,432
Smoking, cut.....	"	25,468,664	38,296,483
Smoking, plug.....	"	452,681	648,596
Smoking, twist.....	—	—	*
Snuff.....	lb.	978,389	1,961,149
Stems and cuttings.....	—	—	9,637
Tobacco, raw leaf, processed.....	lb.	100,368,445	40,432,698
Tobacco pouches.....	—	—	70,921
Toboggans.....	No.	32,247	95,482
Toilet preparations, not elsewhere specified—			
Bath salts and bath oils.....	—	—	370,541
Brilliantine, solid.....	—	—	127,453
Compacts and lipsticks.....	—	—	1,186,173
Creams, solid or liquid, all kinds.....	—	—	2,806,894
Shampoos and hair rinses.....	—	—	916,214
Pay rum, hair tonics, brilliantine liquid.....	—	—	1,259,968
Toilet water and lotions.....	—	—	3,891,413
All other.....	—	—	3,403,388
Toiletware, celluloid and plastic.....	—	—	450,595
Toiletware, silver.....	—	—	371,923
Tomato catsup, canned.....	lb.	2,361,926	171,509
Tomato catsup, other.....	"	16,700,274	2,697,648
Tomato juice.....	"	86,855,567	4,334,369
Tomato paste and puree.....	"	11,508,070	939,254
Tomato pulp.....	"	6,189,813	246,153
Tools, carpenters' and mechanics', other than files.....	—	—	2,183,172
Tools, machine, n.e.s.....	—	—	1,867,301
Tools, small, cutting.....	—	—	2,865,721
Tools, not elsewhere specified.....	—	—	4,534,460
Toothpicks.....	—	—	*
Toppings, for ice cream and cake.....	—	—	588,255
Tow, green.....	lb.	11,400,738	795,504

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1945—Con.

Items	Unit of Measure	Quantity	Value
			\$
Towels and towelling—			
Bath mats and bath sets.....	doz.	13,006	260,091
Towelling.....	yd.	3,639,297	735,746
Towels, all kinds.....	doz.	1,339,490	2,987,836
Face cloths.....	"	540,057	306,809
Towels, sanitary, all kinds.....	—	—	3,666,293
Towels, paper.....	cases	437,691	1,192,355
Toys—			
Metal.....	—	—	827,243
Wooden.....	—	—	1,906,532
Toy vehicles, including doll carriages.....	—	—	222,479
Miscellaneous, not specified, including model aeroplanes.....	—	—	2,955,938
Tractors.....	—	—	*
Trade work, n.e.s. (printing plant).....	—	—	1,127,023
Transfers, paper, decalcomania.....	—	—	897,026
Transfers, paper, dry.....	—	—	76,047
Transformers.....	—	—	9,789,658
Transformer parts.....	—	—	558,766
Transmission towers, electric (see "Steel shapes").....	—	—	—
Traps and fittings, lead.....	lb.	1,272,093	233,783
Traps, mouse and rat.....	—	—	*
Traps, other.....	—	—	*
Trays, display and other.....	—	—	141,842
Trichlorethylene, refined.....	—	—	*
Trimmings, not specified.....	—	—	794,516
Trophies.....	—	—	*
Trucks, factory, and other hand trucks.....	—	—	609,562
Trunks, all kinds.....	No.	96,367	644,230
Tubes, collapsible.....	—	—	*
Tubes, vacuum, X-ray tubes.....	No.	365,119	3,456,222
Tubing, brass, bronze and aluminum.....	—	—	1,947,859
Tubing, plastic.....	—	—	*
Tubing, rubber.....	lb.	339,545	308,093
Tubing, steel.....	—	—	3,202,474
Tubing and wristing, knitted.....	lb.	504,938	345,336
Tubs, laundry, cement.....	—	—	*
Turbines and water wheels.....	—	—	2,966,506
Turpentine.....	—	—	*
Twine and cordage—			
Binder twine, all sisal.....	lb.	75,910,220	7,671,822
Twine, hemp and all flax.....	"	348,798	240,246
Twine, jute.....	"	6,058,941	1,433,680
Twine and cordage, not specified.....	—	—	2,954,863
Type and type metal.....	lb.	6,563,071	686,094
Typesetting (trade composition).....	—	—	2,023,307
Typewriter ribbons.....	—	—	539,788
Typewriters.....	No.	16,543	1,287,621
Umbrellas.....	doz.	17,942	470,458
Undertakers' supplies, not specified.....	—	—	265,283
Underwear—			
Cotton and cotton mixtures, separate—			
Fleece—Men's.....	doz.	75,272	646,771
Women's.....	"	37,798	207,026
Children's.....	"	69,296	279,493
Summer ribs—Men's.....	"	300,719	1,190,307
Women's.....	"	65,270	223,264
Children's.....	"	118,768	294,512
Winter ribs—Men's.....	"	147,878	1,669,525
Women's.....	"	213,326	819,285
Children's.....	"	265,190	783,645
Balbriggan—Men's.....	"	83,891	372,870
Women's.....	"	54,506	167,066
Children's.....	"	53,643	172,168
Cotton and cotton mixtures, combination—			
Fleece—Men's.....	"	95,697	1,234,285
Children's.....	"	57,836	442,468
Summer ribs—Men's.....	"	31,330	234,665
Women's.....	"	2,037	26,638
Children's.....	"	9,801	62,423

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1945—Con.

Items	Unit of Measure	Quantity	Value
			\$
Underwear— <i>Concluded</i>			
Cotton and cotton mixtures; combination— <i>Concluded</i>			
Winter ribs—Men's.....	doz.	88,960	1,074,373
Women's.....	"	1,892	25,856
Children's.....	"	41,267	304,868
Balbriggan—Men's.....	"	73,793	531,349
Women's.....	"	1,316	6,020
Children's.....	"	25,593	101,130
Cotton, not specified—Men's.....	"	16,318	50,371
Silk, artificial silk and mixtures—			
Combination, Men's.....	"	2,830	36,502
Women's.....	"	172	1,793
Separate, Men's.....	"	5,388	37,311
Women's.....	"	347,704	1,639,499
Children's.....	"	20,982	68,878
All wool combination—			
Men's.....	"	22,301	687,938
Women's and children's.....	"	561	17,531
Wool mixtures, combination—			
Men's.....	"	64,295	1,386,357
Women's and children's.....	"	10,889	157,087
All wool, separate—Men's.....	"	27,608	506,481
Women's.....	"	8,148	76,660
Children's.....	"	1,148	22,579
Wool mixtures, separate—Men's.....	"	55,541	847,061
Women's.....	"	50,593	404,569
Children's.....	"	36,204	218,200
Woven, all kinds.....	"	687,463	2,838,561
Not specified.....	"	322,907	1,213,309
Underslips—			
Artificial silk.....	"	305,707	3,161,044
Artificial silk and mixtures.....	"	90,823	888,611
Cotton.....	"	42,185	265,512
Not specified.....	"	122,617	1,463,640
Uniforms—			
Woollen.....	No.	1,234,503	15,569,689
Cotton, nurses, maids, etc.....	"	—	918,965
Not specified.....	No.	16,119	96,918
Universal carriers.....	"	—	13,432,673
Upholstering materials (see "Tapestries")			
Valves, brass and bronze.....	—	—	2,960,395
Valves, iron.....	—	—	2,119,411
Valves, tire.....	—	—	*
Valves, not specified.....	—	—	2,153,281
Varnishes.....	—	—	6,122,839
Vaults, burial, cement.....	—	—	*
Vegetables, canned—			
Asparagus.....	lb.	2,413,540	337,252
Beans, baked.....	"	37,487,158	2,699,409
Beans, green or wax.....	"	35,730,745	2,856,344
Beets.....	"	12,824,131	884,318
Carrots.....	"	17,618,471	1,119,290
Carrots and peas.....	"	3,591,780	304,478
Corn, cream of, whole grain, etc.....	"	42,371,274	3,343,353
Mushrooms.....	"	51,074	13,814
Peas.....	"	93,932,867	6,977,871
Pumpkin.....	"	4,410,338	222,141
Spinach.....	"	897,008	73,511
Tomatoes.....	"	63,269,023	3,371,115
Vegetables mixed.....	"	3,785,883	277,930
Vegetable dinners.....	"	3,125,957	631,479
Vegetables, other.....	"	2,310,561	221,399
Vegetables, evaporated and dehydrated.....	"	12,089,159	5,492,678
Vegetables, in brine.....	"	2,739,897	260,848
Vegetables, frozen or cold pack.....	"	3,359,421	445,131
Vegetable juices, canned.....	"	—	*
Vehicles, children's.....	—	—	1,368,070
Veils and veiling.....	—	—	*
Velvets.....	—	—	*
Veneer.....	M sq. ft.	198,322	5,012,675

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1945—Con.

Items	Unit of Measure	Quantity	Value
			\$
Veneer logs.....	M ft. b.m.	16,946	661,869
Veneer on lumber cores.....	—	—	*
Ventilators.....	—	—	356,482
Vests, woollen.....	No.	38,480	94,849
Vests, other.....	—	—	12,088
Vinegar—			
Spirit.....	gal.	4,363,779	1,781,798
Cider.....	—	538,189	161,480
Malt.....	—	515,058	251,795
Visors, cap.....	—	—	*
Wagons (see "Carriages and wagons")			
Wall board, gypsum.....	sq. ft.	133,977,115	3,405,323
Wall plaster, gypsum.....	ton	67,200	887,995
Wall plaster, other.....	lb.	1,125,117	58,474
War contracts.....	—	—	3,859,870
Wardrobes, wall board.....	—	—	492,390
Washboards.....	No.	232,737	69,857
Washers, leather.....	doz.	823,254	165,429
Washers and gaskets, iron, steel, etc.....	—	—	471,987
Washing compounds.....	—	—	524,024
Waste, cotton, wool and jute.....	—	—	4,164,599
Waste, other.....	—	—	529,415
Waste, wood.....	—	—	288,274
Watches.....	—	—	*
Watch cases.....	—	—	*
Water, distilled.....	—	—	26,340
Water, aerated.....	imp. gal.	51,340,353	34,602,233
Water, mineral, natural.....	—	666,345	173,953
Waterproofing of fabrics.....	yd.	1,046,611	131,202
Waterproofing preparations.....	—	—	1,370,472
Wax and wax compounds, all kinds.....	—	—	1,807,579
Wax, sealing.....	—	—	*
Weatherstrip.....	—	—	211,812
Webbing, elastic and non-elastic.....	—	—	2,056,270
Webbing, fibre.....	—	—	*
Weeders.....	No.	1,538	185,697
Weed killer.....	—	—	287,427
Welding apparatus with control equipment and accessories.....	—	—	1,638,607
Welding compounds and fluxes.....	—	—	27,698
Welding rods and welding wires.....	ton	8,625	949,268
Welting.....	yd.	12,249,846	737,311
Wheelbarrows and parts.....	—	—	324,688
Wheels, automobile.....	—	—	*
Wheels, railway car.....	—	—	5,684,123
Wheels, not specified.....	—	—	96,370
Whips.....	No.	69,866	12,640
Whiskies (see "Spirits")			
Whisks.....	doz.	29,429	61,388
White, satin.....	—	—	*
Windmills.....	—	—	*
Wine, sold during the year.....	gal.	3,862,963	6,851,915
Wine, produced and placed in storage for maturing.....	—	4,133,735	2,194,838
Wine, not specified.....	—	—	74,129
Wine spirits.....	—	—	*
Wiping cloths and rags, washed and sterilized.....	lb.	12,498,098	2,181,748
Wiping cloths and rags, other.....	—	—	505,279
Wire, barbed—			
Quantity made.....	ton	11,680	—
Quantity sold.....	—	11,476	975,166
Wire, cold rolled, flat, all sizes—			
Quantity made.....	—	6,865	—
Quantity sold.....	—	3,715	530,247
Wire, galvanized—			
Quantity made.....	—	60,246	—
Quantity sold.....	—	23,711	2,322,294
Wire, drawn from rods—			
Quantity made.....	—	214,475	—
Quantity sold.....	—	56,070	4,605,066

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1945—Con.

Items	Unit of Measure	Quantity	Value
			\$
Wire, iron and steel, other, coated—			
Quantity made.....	ton	2,789	
Quantity sold.....	"	2,131	218,387
Wire, strand, twisted—			
Quantity made.....	"	1,852	
Quantity sold.....	"	1,862	461,311
Wire strand, n.s.....	—	—	*
Wire and cables, electrical.....	—	—	36,681,153
Wire rope and cable, not specified—			
Quantity made.....	ton	18,113	
Quantity sold.....	—	20,566	9,215,097
Wire, brass and copper.....	—	—	66,077
Wire, gold filled and alloys.....	—	—	*
Wire cloth, brass and bronze.....	sq. ft.	3,857,772	2,529,370
Wire cloth, iron and steel, including screen cloth.....	—	—	1,443,654
Wire mesh, steel, woven, welded, etc.....	—	—	541,212
Wire goods, not specified.....	—	—	2,580,026
Wiring devices, not elsewhere specified.....	—	—	5,240,395
Wooden products, not specified.....	—	—	1,503,364
Wood flour.....	ton	2,477	50,520
Woodenware, kitchen.....	—	—	75,579
Woodenware, not specified.....	—	—	244,947
Wood preservation.....	—	—	*
Wood turning, not specified.....	—	—	651,808
Woodwork, sanitary and other.....	—	—	367,369
Wool, raw and unmanufactured.....	—	—	5,251,403
Woollen cloth, woven—			
All wool, woollen.....	yd.	13,094,331	19,946,310
All wool, worsted.....	"	4,448,310	8,725,213
Woollen and worsted, mixed.....	"	4,513,037	10,548,725
Cotton warp, worsted.....	"	3,157	7,560
Cotton warp, woollen.....	"	1,503,216	1,239,056
Other woollen and mixtures.....	"	2,352,297	3,203,864
Woven goods, not specified.....	—	—	1,676,353
Wrappers, bottle.....	—	—	*
Wrappers, paper, not specified.....	—	—	4,244,090
Wringers, clothes.....	No.	41,957	255,655
Xylenols, high boiling.....	—	—	*
Yarns and thread—			
Cotton, grey—			
Knitting.....	lb.	11,747,671	4,055,635
Weaving, singles and plied.....	"	24,741,163	9,725,468
Cotton, bleached and mercerized.....	"	355,789	194,774
Cotton, coloured, knitting.....	"	2,807,917	1,373,613
Cotton, coloured, other.....	"	2,586,793	1,394,372
Cotton, not specified.....	"	2,711,911	1,310,906
Cotton and wool mixtures—			
Grey.....	"	342,071	250,510
Bleached and coloured.....	"	272,601	236,062
Artificial silk, singles.....	"	15,542,006	12,290,838
Artificial silk, thrown.....	"	374,495	637,784
Spun rayon and mixtures.....	"	2,635,671	1,767,473
Other artificial silk and mixtures.....	"	201,141	824,454
Woollen.....	"	8,167,034	6,343,909
Worsted—			
Oil spun.....	"	7,606,112	11,399,550
Other.....	"	1,338,218	2,061,461
Other yarns, not specified.....	"	529,639	489,485
Yeast, dry.....	"	2,456,883	715,517
Yeast, fresh (for sale).....	"	18,722,199	3,651,450
Yeast food, bread improver, etc.....	"	2,677,289	232,189
Yoghourt.....	—	—	2,868
Zinc, refined, zinc alloys, etc.....	—	—	428,945
Zinc chloride.....	—	—	*
Zinc naphthanate.....	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1945—Con.

Items	Unit of Measure	Quantity	Value
			\$
Zinc stearate.....	—	—	*
Zinc resinates.....	—	—	*
Zinc oxide and zinc dust.....	lb.	32,107,711	2,223,033
Zinc, white, ground in oil.....	—	—	*
Zinc products, not specified.....	—	—	*
Manufactured food products, packaged only.....	—	—	1,774,596
Amount received by clothing contractors.....	—	—	7,129,030
Inter-company transfers (textile plants).....	—	—	2,334,371
All other products not specified—			
Vegetable products group.....	—	—	2,370,863
Animal products group.....	—	—	4,759,963
Textile products group.....	—	—	1,905,880
Wood and paper products group.....	—	—	2,862,296
Iron and steel products group.....	—	—	91,314,177
Non-ferrous metal products group.....	—	—	26,100,821
Non-metallic mineral products group.....	—	—	6,984,236
Chemicals and chemical products group.....	—	—	11,156,487
Miscellaneous products group.....	—	—	1,696,015
Custom work and repairs—			
Vegetable products group.....	—	—	118,924
Animal products group.....	—	—	1,147,237
Textile products group.....	—	—	4,553,634
Wood and paper products group.....	—	—	5,177,138
Iron and steel products group.....	—	—	95,709,636
Non-ferrous metal products group.....	—	—	4,210,184
Non-metallic mineral products group.....	—	—	197,114
Chemicals and chemical products group.....	—	—	3,231,594
Miscellaneous products group.....	—	—	—
Products which were reported by only one or two firms and for which figures cannot be shown separately.....	—	—	347,409,368
Total value of products listed.....	—	—	8,669,670,157
Deductions due to the adjustment for intermediate products and excise taxes.....	—	—	419,301,291
Total.....	—	—	8,250,368,866

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

† Footnote for page 121: Does not include fabrics dyed or bleached by firms maintaining a dyeing and finishing department of their own.

CANADA

LIST OF PUBLICATIONS, CENSUS OF MANUFACTURES; DOMINION BUREAU OF STATISTICS

Manufactures

- (1) General—General Report on the Manufacturing Industries of Canada with appendix giving Alphabetical List of Products, Geographical Distribution of the Manufacturing Industries of Canada; also Reports for the Provinces and Leading Cities; Quantity of Manufacturing Production in Canada, 1923-29. Weekly Earnings of Male and Female Wage-Earners in the Manufacturing Industries of Canada. Monthly Report on Inventories.
- (2) Manufactures of Vegetable Products—Biennial General Report on Manufactures of Vegetable Products. Annual Bulletins as follows: (*a*) Coffee, Tea, Spices and Miscellaneous Foods; (*b*) Fruit and Vegetable Preparations, including Canning, Evaporating and Preserving, and Pickles, Sauces, Vinegar and Cider; (*c*) Flour and Feed Mill Products; (*d*) Bread and other Bakery Products; (*e*) Biscuits and Confectionery, including Cocoa and Chocolate; (*f*) Macaroni, Vermicelli, etc.; (*g*) Distilled Liquors; (*h*) Breweries; (*i*) Wine; (*j*) Rubber Goods, including Rubber Boots and Shoes; (*k*) Prepared Breakfast Foods; (*l*) Sugar Refineries; (*m*) Tobacco Products; (*n*) Vegetable Oil Mills; (*o*) Canned Foods; (*p*) Ice Cream; (*q*) Pack of Fruits and Vegetables, preliminary by completed packs; (*r*) Aerated Waters; (*s*) Stock and Poultry Feeds. Quarterly Reports: (*a*) Stocks of Unmanufactured Tobacco; (*b*) Stocks of Canned Fruits and Vegetables; (*c*) Processed Foods. Monthly Reports: (*a*) Production, Consumption and Inventories of Rubber; (*b*) Production of Rubber Footwear; (*c*) Shipments and Stocks of Prepared Stock and Poultry Feeds.
- (3) Animal Products and their Manufacture—Annual Reports and Bulletins as follows: (*a*) The Dairy Factory Industry; (*b*) Processed Cheese; (*c*) Fish Processing (contained in annual Fisheries Statistics); (*d*) Slaughtering and Meat Packing and Sausage and Sausage Casings; (*e*) Leather Tanneries; (*f*) Leather Belting, Leather Boot and Shoe Findings and Miscellaneous Leather Goods; (*g*) Leather Boots and Shoes; (*h*) Leather Gloves and Mittens; (*i*) Fur Goods, Fur Dressing. Monthly Bulletin on Leather Footwear Production.
- (4) Textiles and Allied Industries—Biennial General Report on the Textile Industries of Canada. Annual Bulletins as follows: (*a*) Cotton Textiles (cloth, yarn, thread and waste); (*b*) Woollen Textiles (cloth, yarn, waste, carpets and woollen goods, n.e.s.); (*c*) Silk and Artificial Silk; (*d*) Men's Factory Clothing incl. Men's Furnishings; (*e*) Women's Factory Clothing; (*f*) Hats and Caps; (*g*) Hosiery and Knitted Goods; (*h*) Oiled and Waterproofed Clothing; (*i*) Cordage, Rope and Twine; (*j*) Corsets; (*k*) Cotton and Jute Bags; (*l*) Dyeing and Finishing of Textiles; (*m*) Awnings, Tents and Sails. Quarterly Report on the Production of Clothing.
- (5) Manufactures of Forestry Products—Printed Bilingual Reports: (*a*) The Lumber Industry (biennial); (*b*) The Pulp and Paper Industry (biennial); (*c*) Wood-Using Industries (biennial); (*d*) Paper-Using Industries (biennial); Annual preliminary reports: (*a*) Lumber; (*b*) Pulp and Paper; (*c*) Wood-Using Industries; (*d*) Planing Mills and Sash and Door Factories; (*e*) Hardwood Flooring; (*f*) Furniture; (*g*) Veneers and Plywoods; (*h*) Printing Trades (comprising the following industries: Printing and Publishing; Printing and

Bookbinding; Lithographing; Engraving, Stereotyping and Electrotyping; Trade Composition and Blue Printing); (*i*) Paper Boxes and Bags; (*j*) Roofing Paper. Stencilled annual bulletins: (*a*) Lumber (series of 10 provincial summaries); (*b*) Boxes and Baskets; (*c*) Carriages, Sleighs and Vehicle Supplies; (*d*) Cooperage; (*e*) Coffins and Caskets; (*f*) Boatbuilding; (*g*) Lasts, Trees and Wooden Shoe Findings; (*h*) Wood-turning; (*i*) Woodenware; (*j*) Excelsior; (*k*) Beekeepers' and Poultrymen's Supplies; (*l*) Wooden Refrigerators; (*m*) Miscellaneous Wood-Using Industries; (*n*) Miscellaneous Paper Goods. Monthly Reports: (*a*) Production, Shipments and Stocks on Hand of Sawmills East of the Rockies; (*b*) Production, Shipments and Stocks on Hand of Sawmills in British Columbia. Monthly Bulletins: (*a*) Asphalt Roofing Production and Sales; (*b*) Rigid Insulating Board Production and Sales; (*c*) Asphalt Floor Tiles Production and Sales.

- (6) Iron and Steel and their Products—Biennial Report. Annual Bulletins as follows: Preliminary Summary on the Iron and Steel Industry. (*a*) Primary Iron and Steel; (*b*) Iron Castings; (*c*) Heating and Cooking Apparatus (except boilers and radiators); (*d*) Boilers, Tanks and Plate Work; (*e*) Farm Implements and Machinery; (*f*) Machinery; (*g*) Automobiles; (*h*) Automobile Parts; (*i*) Bicycles; (*j*) Railway Rolling Stock; (*k*) Wire and Wire Goods; (*l*) Sheet Metal Products; (*m*) Hardware, Tools and Cutlery; (*n*) Bridge Building and Structural Steel Work; (*o*) Shipbuilding and Ship Repairs; (*p*) Aircraft; (*q*) Miscellaneous Iron and Steel Products. Commodity Bulletins on The Production of Pig Iron; Steel; Washing Machines; Cream Separators; Warm Air Furnaces; Galvanized Sheets; Wire Nails; Steel Wire; Wire Fencing; Stoves, etc. Monthly Bulletins: (*a*) Pig Iron, Steel Ingots and Castings; (*b*) Steel Ingots; (*c*) Motor Vehicle Shipments; (*d*) Domestic Washing Machines; (*e*) Wire Nails; (*f*) Steel Wire; (*g*) Wire Fencing; (*h*) Primary Iron and Steel.
- (7) Manufactures of Non-Ferrous Metals—Biennial Report. Annual Bulletins as follows: Preliminary Summary on Manufactures of Non-Ferrous Metals. (*a*) Aluminium Products; (*b*) Brass and Copper Products; (*c*) White Metal Alloys; (*d*) Jewellery and Silverware; (*e*) Electrical Apparatus and Supplies; (*f*) Non-Ferrous Metal Smelting and Refining; (*g*) Miscellaneous Non-Ferrous Metal Goods. Monthly Reports on: (*a*) Production and Sales of Radio Sets; (*b*) Sales of Storage Batteries; (*c*) Domestic Electric Refrigerators; (*d*) Dealers' Report on Non-Ferrous Scrap Metal; (*e*) Ingot Makers' Monthly Report. Commodity Bulletins on the Production of Batteries; Silverware; Vacuum Cleaners; Incandescent Lamps, etc.
- (8) Manufactures of the Non-Metallic Minerals—Biennial Report. Annual Bulletins as follows: Preliminary Summary on Manufactures of Non-Metallic Minerals: (*a*) Asbestos Products; (*b*) Cement; (*c*) Cement Products; (*d*) Coke and Gas; (*e*) Glass Products; (*f*) Lime; (*g*) Petroleum Products; (*h*) Clay Products; (*i*) Salt; (*j*) Sand-lime Brick; (*k*) Stone; (*l*) Artificial Abrasives; (*m*) Gypsum and Gypsum Products; (*n*) Miscellaneous Non-Metallic Mineral Products, including Carbon Electrodes—Mica Products—Non-Metallic Minerals, n.e.s. Also special reports on: (*a*) The Consumption of Coke in Canada; (*b*) Consumption of Petroleum Fuels in Canada; (*c*) Sales of Lubricating Oils in Canada. Monthly bulletins on: (*a*) Coal and Coke Statistics; (*b*) Sales of Manufactured and Natural Gas; (*c*) Rock Wool Sales; (*d*) Gypsum Products; (*e*) Concrete Blocks and Concrete Pipe; (*f*) Refined Petroleum Products.
- (9) Chemicals and Allied Products—Biennial Report. Annual Bulletins as follows: Preliminary Summary on Chemicals and Allied Products: (*a*) Coal Tar Distillation; (*b*) Acids, Alkalies and Salts; (*c*) Compressed Gases; (*d*) Fertilizers;

(*e*) Medicinal and Pharmaceutical Preparations; (*f*) Paints, Pigments and Varnishes; (*g*) Soaps, Cleaning Preparations and Washing Compounds; (*h*) Toilet Preparations; (*i*) Inks; (*j*) Adhesives; (*k*) Polishes and Dressings; (*l*) Hard Wood Distillation; (*m*) Miscellaneous Chemical Products, including Boiler Compounds; Plastic Products; Insecticides; Sweeping Compounds; Disinfectants; Matches; Dyes and Colours; Explosives, ammunition and fire-works; Chemical Products, n.e.s. Special Reports on the Fertilizer Trade in Canada. Commodity Bulletins on Sulphuric Acid, Ammonium Sulphate, etc. Special Report—Directory of Chemical Industries in Canada. Special Report on the Consumption of Chemicals in Municipal Waterworks.

- (10) Miscellaneous Manufactures—General Report. Annual Bulletins as follows: (*a*) Brooms, Brushes and Mops; (*b*) Musical Instruments (including pianos, organs and phonographs) and Musical Instrument Materials and Parts; (*c*) Buttons; (*d*) Bed Springs and Mattresses; (*e*) Sporting Goods.

Doc 31-201

Government
Publications

GENERAL REVIEW
The

MANUFACTURING INDUSTRIES OF CANADA, 1946



DOMINION BUREAU OF STATISTICS
DEPARTMENT OF TRADE AND COMMERCE, OTTAWA,
CANADA



CANADA
DOMINION BUREAU OF STATISTICS
INDUSTRY AND MERCHANDISING DIVISION
GENERAL MANUFACTURES SECTION

The Manufacturing Industries of Canada, 1946

Published by Authority of the Rt. Hon. C. D. Howe,
Minister of Trade and Commerce

*Reprinted from the
Canada Year Book,
with Added Supple-
mentary Tables.*

Price 50 cents

TABLE OF CONTENTS

	PAGE
Part I.—General Analysis of Manufacturing in the Dominion.....	7
Section 1. Growth of Manufacturing in Canada.....	7
1. Historical Summary of Statistics of Manufactures for the Dominion, 1917-46.....	7
2. Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-46.....	8
3. Summary Statistics of Manufactures, by Industrial Groups, Significant Years, 1917-46.....	10
4. Summary of Statistics of Manufactures, Significant Years, 1917-46.....	13
5. Consumption of Manufactured Products, 1928-46.....	14
Section 2. Value and Volume of Manufactured Products.....	14
6. Indexes of the Volume of Manufacturing Production, According to Component Material and Purpose Classifications, 1923-46.....	16
7. Indexes of the Volume of Manufacturing Production for the Groups of the Purpose Classification, Significant Years, 1923-46.....	17
Section 3. Production by Industrial Groups and Individual Industries.....	17
Subsection 1. Manufactures Grouped by Chief Component Materials.....	17
8. Percentage Variation in Employment, Salaries and Wages, and Gross Value of Products in the Main Industrial Groups Compared for Significant Years, 1929-44.....	18
9. Percentage Variation in Employment, Salaries and Wages, and Gross Value of Products in the Main Industrial Groups, 1946 Compared with 1944 and 1945.....	19
10. Statistics of the Numbers, Employees, Salaries and Wages, Power, Fuel, Materials, and Values of Products of Canadian Manufacturing Industries, 1946.....	20
Subsection 2. Manufactures Classified on the Standard Classification Basis.....	26
11. Principal Statistics of the Manufacturing Industries, 1945 and 1946, Classified on the Standard Classification Basis.....	26
Subsection 3. Manufactures Classified by the Purpose of the Products.....	31
12. Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups, Significant Years, 1924-46 and in Detail for 1946.....	31
13. Quantities and Values of the Principal Commodities Produced by the Manufacturing Industries of Canada, Grouped by Purpose, 1946.....	34
Subsection 4. Manufactures Classified by Origin of the Materials.....	36
14. Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Materials Used, by Main Groups, Significant Years, 1924-46.....	37
Subsection 5. Manufactures Classified by Type of Organization.....	40
15. Percentage Distribution of the Number of Establishments in the Manufacturing Industries, by Type of Organization, 1946.....	41
16. Percentage Distribution of Employment in the Manufacturing Industries, by Type of Organization, 1946.....	41
17. Percentage Distribution of Employment in the Forty Leading Industries, by Type of Organization, 1946.....	42
18. Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Type of Organization, 1946.....	42
19. Principal Statistics of the Manufacturing Industries of Canada and Industrial Groups, Classified by Type of Organization, 1946.....	44
Subsection 6. Leading Manufacturing Industries.....	45
20. Principal Statistics of the Forty Leading Industries of Canada, Ranked According to the Gross Value of the Products, 1945.....	45
21. Principal Statistics of the Forty Leading Industries of Canada, Ranked According to the Gross Value of the Products, 1946.....	47
Section 4. Principal Factors in Manufacturing Production.....	48
Subsection 1. Capital Employed.....	48
22. Percentage Distribution of Capital Employed in the Manufacturing Industries of Canada, by Provinces and Industrial Groups, Significant Years, 1917-43.....	48
23. Forms of Capital Employed in the Manufacturing Industries of Canada, by Provinces and Industrial Groups, 1943, with Totals for Significant Years, 1924-42.....	49
Subsection 2. Employment in Manufactures.....	49
24. Wage-Earners Employed in the Manufacturing Industries of Canada, by Months and Sex, Significant Years, 1922-46.....	50
25. Wage-Earners Employed in the Manufacturing Industries of Canada, by Months, Sex and Industrial Group, Significant Years, 1939-46.....	51
26. Wage-Earners in Manufacturing Working Specified Numbers of Hours per Week in the Month of Highest Employment, 1938-45.....	53
27. Wage-earners in Manufacturing Working Specified Numbers of Hours During the Last Week in November, 1946.....	59

TABLE OF CONTENTS—concluded

	PAGE
Part I.—General Analysis of Manufacturing in the Dominion—concluded	
Subsection 3. Salaries and Wages in Manufacturing Industries.....	59
28. Salaries and Wages Paid in Manufacturing Industries, by Provinces and Industrial Groups, 1946, with Totals for Significant Years 1917-45.....	60
29. Salaries and Wages in the Forty Leading Industries, 1946, with Comparative Figures of Average Salaries and Wages Paid in 1945.....	61
30. Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners Employed in the Manufacturing Industries of Canada, 1934-46.....	63
31. Average Annual, Weekly and Hourly Earnings of All Wage-Earners in the Manufacturing Industries of Canada, by Provinces, 1938-46.....	64
32. Average Annual, Weekly and Hourly Earnings of All Wage-Earners in the Manufacturing Industries of Canada, by Industrial Groups, 1938-46.....	66
33. Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners in the Manufacturing Industries of Canada, by Provinces, 1938-46.....	67
34. Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners in the Manufacturing Industries of Canada, by Industrial Groups, 1938-46.....	69
35. Average Yearly Earnings, and Index Numbers of Earnings, Cost of Living and Real Wages of Wage-Earners, in Manufacturing Industries, 1931-46.....	70
36. Percentages of Salaries and Wages Paid to the Total Net Values of Manufacturing Production, 1924-46.....	71
Subsection 4. Size of Manufacturing Establishments.....	72
37. Manufacturing Establishments Grouped According to Gross Values of Products, with Total and Average Values of Products in each Class, for Canada, 1929, 1939, 1944 and 1946.....	72
38. Manufacturing Establishments Classified by Number of Employees, by Provinces, 1946	73
39. Establishments and Employees in Canadian Manufactures, Grouped According to the Number of Employees per Establishment, 1929, 1939, 1944 and 1946.....	74
40. Percentage Importance of Establishments, Each Employing 200 or more Persons, in the Twenty-five Leading Industries, 1946.....	74
41. Principal Statistics of the Twenty-Five Leading Industries, Grouped According to Number of Employees per Establishment, 1946.....	75
Subsection 5. Power and Fuel.....	79
42. Power Equipment Installed in the Manufacturing Industries of Canada, 1931-45, with Details by Provinces and Industrial Groups, 1946.....	80
43. Fuel and Electricity Used in the Manufacturing Industries of Canada, 1932-45, with Details by Provinces and Industrial Groups, 1946.....	82
Part II.—Provincial and Local Distribution of Manufacturing Production	84
1. Summary Statistics of Manufactures in Each Province, Classified by Industrial Groups, 1946.....	84
2. Concentration of Manufacturing Production in Each Province, 1946.....	87
3. Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Number of Employees per Establishment, 1946.....	87
Section 1. The Manufactures of the Maritime Provinces, 1946.....	89
4. Statistics of the Leading Industries of the Maritime Provinces, 1946.....	89
Section 2. The Manufactures of Quebec, 1946.....	90
5. Statistics of the Leading Industries of the Province of Quebec, 1946.....	91
Section 3. The Manufactures of Ontario, 1946.....	92
6. Statistics of the Leading Industries of the Province of Ontario, 1946.....	93
Section 4. The Manufactures of the Prairie Provinces, 1946.....	93
7. Statistics of the Leading Industries of the Prairie Provinces, 1946.....	94
Section 5. The Manufactures of British Columbia, 1946.....	95
8. Statistics of the Leading Industries of British Columbia, 1946.....	96
Section 6. Manufacturing Industries in Cities and Towns.....	96
9. Cities and Towns with a Gross Manufacturing Production of over \$1,000,000 each, Number of Establishments and Total Gross Production in such Cities and Towns as a Percentage of the Grand Total, by Provinces, 1946.....	97
10. Principal Statistics of the Manufacturing Industries of the Six Leading Manufacturing Cities of Canada, 1933-46.....	97
11. Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, Grouped according to the number of Employees per Establishment, 1946.....	98
12. Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1946.....	100
13. Principal Statistics by Counties and Census Divisions, 1946.....	104
Appendix I—	
Principal Statistics of the Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1946.....	108
Appendix II—	
Alphabetical List of Products Manufactured in Canada, 1946.....	121
List of Publications on the Census of Manufactures.....	162

THE MANUFACTURING INDUSTRIES OF CANADA

1946

Introduction

This report deals with manufacturing industries in Canada in two main Parts. Part I gives general analyses of manufactures in the Dominion including: the historical development of manufacturing in Canada in so far as statistical data are available; production by industrial groups and individual industries, i.e., a detailed treatment of current production under various groupings and individual industries; general analyses of the principal factors in manufacturing production under such sub-headings as capital, employment, salaries and wages, size of establishment, power and fuel. Part II deals with the provincial and local distribution of manufacturing production.

With regard to the first section of Part I, dealing with historical development, it is impossible to give absolutely comparable statistics over a long period of years. From 1870 to 1915 statistics were collected only in connection with decennial or quinquennial censuses, and there was inevitably some variation in the information collected. The annual Census of Manufactures was instituted in 1917 and, while numerous changes have been made since then in the information collected and the treatment of the data, an effort has been made to carry all major revisions, in so far as possible, back to 1917, so that the figures for the period since then are on a reasonably comparable basis.

The far-reaching influence of the War of 1914-18 was, of course, the outstanding factor in the growth recorded prior to the war now concluded. It was during these years that Canadian manufactures began to develop on a really large scale. Munitions contracts placed by the Imperial Munitions Board of Canada in those years totalled well over \$1,000,000,000 and these did not include such fields of production as shipbuilding and aviation. Shipbuilding construction alone during the War of 1914-18 amounted to \$35,000,000 in 1917, \$75,000,000, in 1918 and \$86,000,000 in 1919. In the same three years, employees in the shipbuilding industry numbered 12,000, 22,000 and 25,000, respectively.

Canada's effort in the Second World War brought manufacturing production to a much higher level than ever before. The tremendous increase in production during the war years is indicated by the increases in some of the main factors of production between 1939 and the highest point attained during the war. For manufacturing as a whole there was an increase of 161 p.c. in the gross value of production, 162 p.c. in the value added by manufacture, 89 p.c. in the number of persons employed, and 175 p.c. in the salaries and wages paid.

As was to be expected, the industries producing the munitions and equipment needed by the armed forces during the war would be the first to feel the effects of the cessation of hostilities. Consequently, the chemicals and allied products group suffered the greatest decline in production as measured by employment, with a drop of 54.4 per cent in the number of persons employed since 1944, the last full year of war production. This was followed by the iron and its products group with

a drop of 39.5 per cent; non-ferrous metal products 18.7 per cent; and miscellaneous industries 16.3 per cent. On the other hand, industries producing food, clothing and other consumer goods reported increases in production. Employment in the wood and paper products group was 18.2 per cent higher, followed by an increase of 15.5 per cent for non-metallic mineral products, 9.1 per cent for animal products, 7.6 per cent for textiles and 5.0 per cent for vegetable products. All told there was a drop of 13.5 per cent in the number of employees.

Of the forty leading industries in 1946, the following reported substantial declines in the volume of production as measured by the number of persons employed. Employment in aircraft industry declined by 68,167 between 1944 and 1946, followed by shipbuilding with a drop of 46,830, miscellaneous chemical products 46,108, miscellaneous iron and steel products 30,862, non-ferrous metal smelting and refining 9,381, scientific and professional equipment 7,618, brass and copper products 7,381, primary iron steel 6,567, automobile supplies 5,018, electrical apparatus and supplies 4,836, etc.

The following industries reported expanded operations. Employment in the pulp and paper industry increased by 7,071, sawmills 5,836, women's factory clothing 4,153, leather boots and shoes 3,696, printing and publishing 3,134, bread and other bakery products 2,923, hosiery and knitted goods 2,002, fish curing and packing 1,663, breweries 1,519, etc.

Manufacturing establishments in 1946 numbered 31,249. They furnished employment to 1,058,156 persons who received \$1,740,687,254 in salaries and wages. They also produced goods that had a selling value at the factory of \$8,035,692,471 from materials costing \$4,358,234,766. The value added by manufacture totalled \$3,467,004,980.

Geographically the changes in manufacturing production between 1944 and 1946 were as follows:

Variation in Employment, Salaries and Wages, and Gross Value of Products in Each Province, 1946 Compared With 1944 and 1945.

Province	1946 Compared with 1944			1946 Compared with 1945		
	Number of Employees	Salaries and Wages	Gross Value of Products	Number of Employees	Salaries and Wages	Gross Value of Products
Canada.....	-13.5	-14.2	-11.4	- 5.5	- 5.7	- 2.6
Prince Edward Island..	-18.0	- 2.6	+ 4.5	- 5.2	- 1.7	- 3.3
Nova Scotia.....	-21.4	-28.2	-12.5	-11.1	-16.7	-10.5
New Brunswick.....	- 1.9	+ 2.5	+12.3	+ 1.0	+ 2.3	+ 9.0
Quebec.....	-15.8	-15.3	-14.7	- 7.0	- 6.8	- 1.3
Ontario.....	-11.7	-13.3	-13.5	- 3.8	- 4.2	- 5.3
Manitoba.....	- 6.3	- 2.8	- 0.1	—	+ 2.0	+ 3.6
Saskatchewan.....	- 3.3	+ 1.4	- 4.0	+ 2.9	+ 6.2	+ 0.4
Alberta.....	+ 2.1	+ 5.1	+ 1.6	+ 5.4	+ 6.7	+ 3.5
British Columbia.....	-21.4	-23.0	- 1.7	-14.2	-14.3	+ 2.5

PART I.—GENERAL ANALYSES OF MANUFACTURING IN THE DOMINION

Section 1.—Growth of Manufacturing in Canada

Subsection 1.—Production of Manufactured Products

This section gives a picture of the growth of manufacturing, in general, as shown by comparable principal statistics, i.e., establishments, capital, employees, salaries and wages paid, cost of materials, and values of products. Other useful comparisons are made in Table 4 and figures of consumption are given in Table 5. Tables 6 and 7 show volume comparisons.

1.—Historical Summary of Statistics of Manufactures for the Dominion, 1917-1946

NOTE.—Statistics of manufacturing from 1870 have been published, but between that year and 1917 they are not on a comparable basis to the series given below. They will be found in Table 1 in former editions of this report. Statistics of the non-ferrous metal smelting industries were included in manufactures for the first time in 1925.

Year	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
1917.....	21,845	2,333,991,229	606,523	497,801,844	1,539,678,811	1,281,131,980	2,820,810,791
1918.....	21,777	2,518,197,329	602,179	567,991,171	1,827,631,548	1,399,794,849	3,227,426,397
1919.....	22,083	2,670,559,435	594,066	601,715,668	1,779,056,765	1,442,400,638	3,221,457,403
1920.....	22,532	2,923,667,011	598,893	717,493,876	2,085,271,649	1,621,273,348	3,706,544,997
1921.....	20,848	2,697,858,073	438,555	497,399,761	1,365,292,885	1,123,694,263	2,488,987,148
1922.....	21,016	2,667,493,290	456,256	489,397,230	1,272,651,585	1,103,266,106	2,375,917,691
1923.....	21,080	2,788,051,630	506,203	549,529,631	1,456,595,367	1,206,332,107	2,662,927,474
1924.....	20,709	2,895,317,508	487,610	534,467,675	1,422,573,946	1,075,458,459	2,570,561,931
1925 ²	20,981	3,065,730,916	522,924	569,944,442	1,571,788,252	1,167,936,726	2,816,864,958
1926 ²	21,301	3,208,071,197	559,161	625,682,242	1,712,519,991	1,305,168,549	3,100,604,637
1927 ²	21,501	3,454,825,529	595,052	662,705,332	1,741,128,711	1,427,649,292	3,257,214,876
1928 ²	21,973	3,804,062,566	631,429	721,471,634	1,894,027,188	1,597,887,676	3,582,345,302
1929 ²	22,216	4,004,892,009	666,531	777,291,217	2,029,670,813	1,755,386,937	3,883,446,116
1930 ²	22,618	4,041,030,475	614,696	697,555,378	1,664,787,763	1,522,737,125	3,280,236,603
1931.....	23,083	3,705,701,893	528,640	587,566,990	1,221,911,982	1,252,017,248	2,555,126,448
1932.....	23,102	3,380,475,509	468,833	473,601,716	954,381,097	955,960,724	1,980,471,543
1933.....	23,780	3,279,259,838	468,833	436,247,824	967,788,928	919,671,181	1,954,075,785
1934.....	24,209	3,249,348,864	519,812	503,851,055	1,229,513,621	1,087,301,742	2,393,692,729
1935.....	24,034	3,216,403,127	556,664	559,467,777	1,419,146,217	1,153,485,104	2,653,911,209
1936.....	24,202	3,271,263,531	594,359	612,071,434	1,624,213,996	1,289,592,672	3,002,403,814
1937.....	24,834	3,465,227,831	660,451	721,727,037	2,006,926,787	1,508,924,867	3,625,459,500
1938.....	25,200	3,465,683,018	642,016	705,668,589	1,807,478,028	1,428,286,778	3,337,681,366
1939.....	24,805	3,647,024,449	658,114	737,811,153	1,836,159,375	1,531,051,901	3,474,783,528
1940.....	25,513	4,095,716,836	762,244	920,872,865	2,449,721,903	1,942,471,238	4,529,173,316
1941.....	26,293	4,095,716,836	961,178	1,264,862,643	3,296,547,019	2,605,119,788	6,076,308,124
1942.....	27,862	5,488,785,545	1,152,091	1,682,804,842	4,037,102,725	3,309,973,758	7,553,794,972
1943.....	27,652	6,317,166,727	1,241,068	1,987,292,384	4,690,493,083	3,816,413,541	8,732,860,999
1944.....	28,483	3	1,222,882	2,029,621,370	4,832,333,356	4,015,776,010	9,073,692,519
1945.....	29,050	3	1,119,372	1,845,773,449	4,473,668,847	3,564,315,899	8,250,368,866
1946.....	31,249	3	1,058,156	1,740,687,254	4,358,234,766	3,467,004,980	8,035,692,471

¹In accordance with a resolution passed by the Conference of British Commonwealth Statisticians, 1935, the net value of production is now computed by subtracting the cost of fuel and electricity as well, as the cost of materials from the gross value of the products. The figures for 1924 and later years have, therefore, been revised in accordance with this resolution. The revision could not be carried farther back as statistics for cost of electricity are not available for years prior to 1924.

²A change in the method of computing the number of wage-earners in the years 1925 to 1930, inclusive, increased the number somewhat over that which the method otherwise used would have given. In 1931, however, the method in force prior to 1925 was re-adopted. The figures for 1931 and later years are, therefore, comparable with those for 1924 and earlier years.

³Not collected

2.—Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-1946

Province and Year	Establishments	Capital	Employees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
Prince Edward Island—							
1917.....	411	2,008,082	1,556	663,251	3,087,621	1,750,135	4,837,756
1920.....	370	2,328,686	1,287	855,210	4,164,223	2,135,857	6,300,080
1922.....	340	2,446,574	1,086	593,660	2,620,235	1,660,282	4,280,517
1929 ²	263	2,646,354	2,074	727,286	2,862,725	1,466,446	4,408,608
1933.....	249	2,256,307	991	529,684	1,590,834	1,126,826	2,775,787
1937.....	240	2,637,472	1,062	607,547	2,386,091	1,117,298	3,566,991
1939.....	222	2,682,900	1,088	617,945	2,239,117	1,243,079	3,543,681
1941.....	213	3,106,369	1,105	680,883	3,229,433	1,347,990	4,649,476
1942.....	243	3,367,368	1,261	842,061	4,789,315	1,973,540	6,855,344
1943.....	230	3,881,832	1,552	1,298,112	6,432,079	3,021,848	9,577,446
1944.....	241	3	1,786	1,694,763	6,995,510	3,570,835	10,713,644
1945.....	234	3	1,851	1,679,212	8,242,949	3,178,434	11,592,753
1946.....	246	3	1,755	1,651,469	7,582,046	3,469,435	11,200,310
Nova Scotia—							
1917.....	1,337	124,357,851	25,252	18,838,051	102,415,215	57,565,703	159,980,918
1920.....	1,345	135,679,188	23,425	25,625,089	85,724,785	61,371,243	147,096,028
1922.....	1,099 ²	98,117,897	13,678	11,586,235	37,980,329	27,516,271	65,496,600
1929 ²	1,09 ²	118,951,398	19,986	16,905,885	50,725,562	35,676,421	89,787,548
1933.....	1,277	92,004,624	12,211	9,604,680	25,354,319	19,988,257	47,912,432
1937.....	1,135	94,756,601	18,088	16,727,338	46,964,053	33,146,796	84,393,656
1939.....	1,083	101,954,082	17,627	16,651,685	43,332,195	35,885,563	83,139,572
1941.....	1,177	124,409,791	24,577	27,527,339	76,779,821	51,318,369	133,873,448
1942.....	1,332	152,668,759	31,318	41,273,942	85,193,680	63,615,890	155,931,264
1943.....	1,278	179,363,703	37,445	55,205,712	96,551,817	84,909,686	188,463,088
1944.....	1,281	3	37,812	59,940,411	103,463,123	93,376,638	204,421,664
1945.....	1,297	3	33,423	51,703,245	107,860,539	84,358,189	199,775,177
1946.....	1,397	3	29,724	43,060,259	100,354,480	71,738,873	178,793,420
New Brunswick—							
1917.....	943	60,300,907	19,710	12,893,014	32,380,621	27,027,725	59,408,346
1920.....	901	101,216,395	19,007	19,266,821	60,812,641	45,803,164	106,615,805
1922.....	846	77,056,627	13,934	11,801,670	38,032,967	25,163,444	63,196,411
1929 ²	803	91,376,948	17,952	15,127,716	39,800,366	26,640,786	68,145,012
1933.....	747	90,148,317	11,336	9,308,100	20,442,421	18,166,713	41,345,622
1937.....	805	89,797,597	15,612	14,563,310	36,983,284	28,770,727	69,479,207
1939.....	803	91,171,323	14,501	13,659,162	35,617,614	27,041,195	66,058,151
1941.....	791	97,952,799	19,600	21,718,407	59,234,107	47,296,960	111,433,726
1942.....	867	105,056,835	22,182	26,546,806	64,891,227	53,920,484	123,839,475
1943.....	862	111,287,910	23,225	30,451,181	76,711,513	58,956,676	140,934,879
1944.....	937	3	23,164	32,345,080	83,993,599	62,258,478	152,106,577
1945.....	889	3	22,503	32,408,048	87,235,347	63,380,075	156,623,378
1946.....	993	3	22,732	33,151,919	96,389,299	67,783,377	170,753,741
Quebec—							
1917.....	7,032	662,012,975	188,043	141,008,616	385,212,984	380,882,409	766,095,393
1920.....	7,530	878,859,638	183,748	202,516,550	553,558,520	499,643,217	1,053,201,737
1922.....	7,190	800,859,568	143,584	139,876,821	333,298,544	346,020,126	679,318,670
1929 ²	6,948	1,246,208,650	206,580	225,226,808	537,270,055	537,796,395	1,108,592,775
1933.....	7,856	1,035,339,591	157,481	134,696,386	292,560,568	288,504,782	604,496,078
1937.....	8,518	1,117,772,721	219,033	216,971,207	562,889,160	445,885,666	1,046,470,796
1939.....	8,373	1,182,638,441	220,321	223,757,767	536,823,039	470,385,279	1,045,757,585
1941.....	8,711	1,700,527,405	327,591	393,819,671	961,162,209	815,086,833	1,841,088,523
1942.....	9,342	1,883,353,668	399,017	536,329,170	1,193,445,432	1,059,873,942	2,333,303,012
1943.....	9,372	2,230,620,386	437,247	658,323,620	1,483,627,797	1,280,097,615	2,852,191,853
1944.....	9,656	3	424,115	668,156,053	1,494,253,053	1,350,519,134	2,929,685,183
1945.....	10,038	3	384,031	607,473,443	1,307,534,193	1,149,390,919	2,531,903,830
1946.....	10,818	3	357,276	565,986,105	1,297,009,099	1,125,991,848	2,497,971,521
Ontario—							
1917.....	9,061	1,157,850,643	299,389	258,393,065	794,556,502	662,174,261	1,456,730,763
1920.....	9,113	1,464,097,346	295,674	362,941,317	1,071,843,374	792,267,562	1,864,110,936
1922.....	8,703	1,400,041,955	235,070	265,818,003	674,025,732	572,098,704	1,246,124,436
1929 ²	9,348	1,986,736,556	328,533	406,622,627	1,056,530,202	916,971,816	2,020,492,433
1933.....	9,542	1,587,947,947	224,816	220,530,088	464,544,563	465,103,842	958,776,858
1937.....	9,796	1,674,806,201	321,743	373,018,048	1,025,871,741	804,703,114	1,880,388,188
1939.....	9,824	1,762,571,669	318,871	378,376,209	907,011,461	791,428,569	1,745,674,707
1941.....	10,250	2,336,788,884	468,230	660,722,278	1,683,912,216	1,360,055,756	3,121,756,568
1942.....	10,711	2,632,619,471	542,958	840,783,705	2,056,746,983	1,671,130,314	3,817,396,404
1943.....	10,587	2,994,953,988	570,017	956,399,212	2,278,871,511	1,844,651,587	4,221,101,063
1944.....	10,731	3	564,392	975,038,060	2,310,347,858	1,930,043,913	4,339,797,784
1945.....	10,869	3	518,056	882,483,387	2,148,290,603	1,720,938,199	3,965,069,021
1946.....	11,424	3	498,120	845,216,547	2,001,900,592	1,659,284,622	3,754,523,701

¹See footnote 1, Table 1.²See footnote 2, Table 1.³Information not collected.

2.—Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-1946

—concluded

Province and Year	Establishments	Capital	Employees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
Manitoba—							
1917	732	82,566,858	18,939	16,513,423	69,715,149	42,280,801	111,995,950
1920	747	94,424,145	23,728	32,372,081	92,729,271	62,776,912	155,506,183
1922	697	65,172,676	13,076	16,853,345	54,373,811	36,842,899	91,216,710
1929 ²	861	121,363,898	24,012	31,224,596	87,832,324	63,925,015	155,266,294
1933	1,010	100,074,404	18,871	18,687,430	44,579,998	37,390,275	83,934,777
1937	1,043	119,363,026	23,706	27,198,978	87,684,514	49,950,465	140,805,451
1939	1,087	119,659,365	23,910	28,444,798	82,408,293	48,810,544	134,293,595
1941	1,184	163,489,471	32,262	40,894,267	132,330,823	74,450,721	211,534,751
1942	1,287	175,902,477	37,519	51,605,139	159,248,300	94,856,679	259,554,350
1943	1,245	173,752,507	37,003	53,841,825	200,464,756	99,146,670	304,867,912
1944	1,290	4	40,937	62,758,081	226,234,925	120,339,926	352,334,594
1945	1,302	4	38,367	59,814,109	216,114,576	117,775,126	339,821,283
1946	1,357	4	38,367	61,018,345	223,096,935	122,780,805	351,887,099
Saskatchewan—							
1917	560	24,372,585	6,230	5,403,332	22,040,674	13,894,179	35,934,853
1920	554	24,640,520	6,709	9,571,175	34,894,105	22,610,861	57,504,966
1922	490	22,734,469	3,494	4,734,885	22,366,129	13,189,266	35,552,395
1929 ²	544	43,925,797	7,025	9,105,597	51,003,566	23,002,952	75,398,605
1933	673	38,688,433	4,782	4,848,763	19,124,036	11,478,634	31,559,387
1937	689	39,279,050	6,107	6,758,154	43,782,999	17,068,655	62,205,884
1939	737	37,654,095	6,475	7,346,127	38,782,135	20,283,273	60,650,589
1941	945	42,158,738	8,546	9,979,974	65,836,308	28,172,441	96,020,975
1942	966	45,013,677	9,801	12,543,065	84,208,201	33,933,836	120,256,733
1943	976	60,674,093	11,683	16,445,866	111,193,185	37,895,459	152,123,360
1944	1,054	4	12,361	17,703,103	131,215,017	40,833,333	175,349,234
1945	926	4	11,617	16,905,606	126,279,202	38,275,127	167,688,133
1946	955	4	11,957	17,956,317	126,595,761	38,459,630	168,356,619
Alberta—							
1917	636	49,146,241	9,461	8,662,417	42,632,212	23,883,673	66,515,885
1920	666	48,310,655	10,955	15,210,628	56,139,646	29,812,891	85,952,537
1922	556	41,154,178	6,516	8,293,572	30,189,648	18,939,659	49,129,307
1929 ²	736	81,875,952	12,216	14,585,734	62,500,175	36,824,969	100,966,196
1933	874	69,604,563	9,753	9,573,468	29,425,975	18,876,929	49,395,514
1937	895	70,804,070	12,524	13,903,062	55,898,599	28,923,095	86,225,069
1939	961	73,284,225	12,712	14,977,700	53,151,149	32,618,158	87,474,080
1941	1,108	95,676,318	16,761	20,151,705	94,176,887	45,958,219	142,651,493
1942	1,115	101,401,133	18,397	23,992,613	117,617,500	57,479,636	178,103,011
1943	1,133	111,682,419	20,613	29,494,369	142,057,051	65,796,813	211,159,142
1944	1,165	4	22,186	33,227,729	172,082,537	77,415,753	252,949,594
1945	1,157	4	21,486	32,760,326	166,198,136	78,547,626	248,287,504
1946	1,315	4	22,649	34,939,088	169,425,176	83,735,011	257,031,867
British Columbia and Yukon—							
1917	1,133	171,375,087	37,943	35,426,675	87,637,833	71,673,094	159,310,917
1920	1,306	174,110,438	34,360	49,135,005	125,405,084	104,851,641	230,256,725
1922	1,102	159,929,346	25,818	29,839,039	79,764,190	61,838,455	141,602,645
1929 ²	1,569	311,806,456	48,153	57,764,968	141,145,838	113,082,137	260,418,645
1933	1,552	263,195,652	48,453	28,469,225	70,166,220	59,034,923	133,879,330
1937	1,713	256,011,093	42,576	51,979,393	144,466,346	99,359,051	251,924,258
1939 ³	1,710	274,969,502	42,554	53,881,994	136,655,872	103,263,292	247,948,600
1941 ³	1,905	340,609,179	62,447	89,256,478	219,755,738	181,232,637	412,957,807
1942 ³	1,990	388,649,300	89,570	148,782,063	270,823,072	272,926,065	558,137,606
1943 ³	1,961	450,360,048	102,221	185,711,773	294,445,005	341,699,478	652,046,313
1944 ³	2,116	4	96,062	178,639,118	303,560,016	337,137,197	655,844,689
1945 ³	2,326	4	87,974	160,419,133	305,759,836	307,954,519	628,903,124
1946 ³	2,731	4	75,484	137,506,645	335,708,533	293,352,652	644,527,898
Yukon and N.W.T.—							
1939	5	538,847	55	97,766	138,500	92,054	242,968
1941	9	785,012	59	111,641	129,477	199,863	341,377
1942	9	852,827	68	106,278	139,006	263,471	417,773
1943	8	589,841	62	120,714	138,369	237,709	395,943
1944	12	4	67	118,972	189,718	280,803	489,256
1945	12	4	64	126,940	153,466	517,685	704,663
1946	13	4	92	200,560	172,845	408,727	646,295

¹ See footnote 1, Table 1.² See footnote 2, Table 1.³ British Columbia only.⁴ Information not collected.

3.—Summary Statistics of Manufactures, by Industrial Groups, Significant Years, 1917-1946

Industrial Group and Year	Estab-lish-ments	Capital	Em-employees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
Vegetable Products—							
1917.....	4,151	279,627,827	62,777	45,915,557	367,214,061	183,782,501	550,996,562
1920.....	4,549	402,383,047	74,241	77,750,189	536,828,044	239,328,371	776,156,415
1922.....	4,638	379,567,139	64,753	66,228,286	333,295,009	210,835,301	544,130,310
1929 ²	5,350	581,820,861	91,032	95,853,121	431,595,751	341,688,938	789,706,883
1933.....	5,916	522,389,736	75,416	68,635,349	226,879,373	196,820,952	432,315,617
1937.....	5,968	539,531,357	94,258	94,632,901	395,491,147	266,869,693	672,540,163
1939.....	5,872	539,446,225	99,447	104,248,785	356,726,153	292,129,840	659,624,014
1941.....	5,948	634,728,760	113,753	131,066,093	532,876,217	349,912,287	897,978,448
1942.....	5,985	656,756,413	115,476	145,000,211	552,791,525	396,956,313	965,896,035
1943.....	5,913	654,292,303	117,243	157,733,379	635,042,582	410,340,183	1,062,561,932
1944.....	5,941	"	130,679	183,943,948	763,606,750	485,551,491	1,270,518,297
1945.....	5,862	"	135,311	196,010,688	802,367,469	529,112,219	1,352,986,147
1946.....	5,916	"	137,170	206,893,681	871,436,061	575,963,454	1,649,914,130
Animal Products—							
1917.....	5,486	207,165,245	46,994	35,753,133	320,302,039	124,103,990	444,406,029
1920.....	4,823	221,792,457	48,687	54,291,606	400,496,354	152,995,130	553,491,484
1922.....	5,118	201,820,414	49,595	49,933,679	264,078,631	107,473,382	371,552,013
1929 ²	4,490	243,825,065	67,670	62,081,423	345,351,882	127,929,857	477,761,855
1933.....	4,496	201,693,642	53,111	46,453,188	179,429,948	87,629,444	271,068,210
1937.....	4,435	230,312,163	67,996	64,816,361	326,537,087	118,117,971	449,783,908
1939.....	4,362	250,335,831	69,358	68,231,871	333,647,306	122,821,410	461,983,262
1941.....	4,240	303,657,373	82,131	90,185,037	534,909,242	165,416,939	708,220,447
1942.....	4,392	322,045,016	87,038	103,620,997	649,160,318	203,152,956	861,190,126
1943.....	4,380	324,811,863	88,037	114,467,581	750,455,541	211,149,715	971,190,128
1944.....	4,388	"	94,195	129,215,389	835,586,247	246,064,720	1,092,015,647
1945.....	4,470	"	98,267	138,405,263	839,885,434	261,069,677	1,111,929,735
1946.....	4,528	"	102,844	151,517,837	849,242,804	271,279,430	1,132,233,759
Textiles and Textile Products—							
1917.....	1,067	191,338,745	76,978	47,764,436	131,225,032	109,904,530	241,129,562
1920.....	1,304	302,758,185	87,730	84,433,609	256,233,300	173,741,035	429,974,335
1922.....	1,089	259,324,870	80,558	69,685,529	151,333,320	142,577,057	293,910,377
1929 ²	1,534	360,762,584	103,881	94,969,433	217,954,088	180,469,064	403,205,809
1933.....	1,740	298,730,436	95,707	72,813,424	143,184,861	131,065,992	279,475,267
1937.....	1,941	322,204,180	121,677	105,056,051	219,813,775	174,076,945	400,383,726
1939.....	1,930	347,248,927	121,022	107,117,035	203,618,197	181,927,898	392,657,759
1941.....	2,104	439,078,775	156,892	159,339,028	367,149,392	290,105,448	666,438,539
1942.....	2,369	464,161,573	165,478	185,731,313	441,718,052	341,475,081	793,304,750
1943.....	2,384	455,056,029	157,987	191,305,628	446,136,675	334,242,717	790,659,927
1944.....	2,481	"	153,122	195,805,681	419,868,642	351,186,488	781,771,688
1945.....	2,740	"	158,148	207,629,471	429,208,436	367,980,705	807,722,241
1946.....	3,082	"	164,737	228,018,323	459,664,221	418,263,665	888,658,943
Wood and Paper Products—							
1917.....	7,263	536,320,247	152,277	113,359,997	148,277,935	245,372,487	393,650,422
1920.....	7,881	774,937,232	144,391	172,368,578	309,813,724	417,256,115	727,069,839
1922.....	6,966	761,029,431	118,364	132,092,249	260,860,989	283,006,200	489,866,289
1929 ²	7,392	1,151,463,962	164,572	192,088,948	313,797,201	381,485,477	724,972,308
1933.....	7,891	892,652,622	105,080	102,218,652	134,663,641	184,233,540	341,336,701
1937.....	8,497	927,070,757	147,254	165,298,485	256,269,941	306,961,553	597,061,878
1939.....	8,538	960,804,672	144,782	165,287,455	246,292,820	303,682,441	579,892,183
1941.....	9,420	1,086,022,546	179,967	227,821,739	386,999,813	463,967,834	892,936,114
1942.....	10,222	1,080,457,129	186,106	252,179,776	428,526,286	458,433,355	961,842,906
1943.....	9,974	1,103,984,216	183,865	264,844,792	447,399,954	508,835,982	1,001,563,243
1944.....	10,452	"	189,674	284,436,559	497,656,158	550,826,986	1,093,725,822
1945.....	10,653	"	199,373	306,179,416	551,143,890	586,057,023	1,184,650,720
1946.....	11,994	"	224,121	366,049,562	679,343,485	749,055,011	1,484,436,122
Iron and Its Products—							
1917.....	1,495	695,677,552	161,745	161,875,424	378,193,116	371,792,489	749,985,605
1920.....	1,789	726,371,335	164,087	231,595,911	377,499,134	411,875,057	789,374,191
1922.....	1,083	567,011,222	78,565	95,443,053	171,529,909	170,769,391	342,299,300
1929 ²	1,224	826,063,942	142,772	203,740,658	405,818,468	367,465,582	790,726,338
1933.....	1,334	614,032,403	73,348	72,296,179	98,793,191	109,198,169	216,828,992
1937.....	1,345	651,398,528	127,148	163,261,130	328,091,063	280,165,582	624,819,877
1939.....	1,399	697,893,720	121,041	158,559,728	262,292,781	275,774,796	553,468,889
1941.....	1,759	1,138,701,669	253,701	408,064,135	715,595,982	735,511,841	1,483,169,765
1942.....	1,931	1,446,215,017	360,845	639,330,901	985,960,237	1,084,424,334	2,112,822,237
1943.....	2,044	1,852,506,052	435,744	833,383,684	1,131,858,008	1,396,768,112	2,575,976,547
1944.....	2,192	"	411,944	818,452,542	1,104,083,922	1,390,703,087	2,540,992,974
1945.....	2,188	"	321,719	637,335,990	887,425,621	1,046,097,484	1,975,310,083
1946.....	2,358	"	249,279	475,812,983	635,344,199	735,459,371	1,405,542,865

¹ See footnote 1, Table 1.² See footnote 2, Table 1.³ Information not collected.

3.—Summary Statistics of Manufactures, by Industrial Groups, Significant Years, 1917-1946—concluded

Industrial Group and Year	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
Non-Ferrous Metal Products—							
1917.....	296	69,421,911	18,220	15,898,890	46,445,469	41,039,351	87,484,820
1920.....	324	109,382,033	23,162	27,895,343	48,434,120	52,847,178	101,281,298
1922.....	325	102,208,275	18,222	21,451,629	30,861,895	39,993,798	70,855,693
1929 ²	408	298,721,106	39,867	54,501,806	124,900,632	150,415,215	283,545,666
1933.....	478	266,266,443	25,273	28,099,026	71,990,608	88,427,984	164,765,604
1937.....	526	306,522,643	44,614	57,722,728	282,532,128	182,968,223	482,440,562
1939.....	526	346,489,890	44,563	59,684,858	242,063,177	155,808,806	416,060,459
1941.....	579	545,862,427	73,450	108,895,000	406,132,161	288,823,325	726,348,447
1942.....	596	612,513,064	90,937	146,690,366	505,122,844	355,005,408	901,569,437
1943.....	597	674,802,402	109,522	186,874,396	615,283,895	369,005,912	1,034,390,379
1944.....	635	"	104,314	182,909,292	549,317,062	399,498,519	992,345,975
1945.....	683	"	88,350	158,358,737	429,913,071	316,572,975	779,384,900
1946.....	740	"	84,853	150,366,178	413,022,247	278,461,262	719,191,106
Non-Metallic Mineral Products—							
1917.....	1,075	145,423,082	20,795	18,224,724	36,994,392	58,092,396	95,086,788
1920.....	846	215,281,921	25,500	32,351,764	69,856,558	80,205,472	150,062,030
1922.....	812	230,486,004	20,932	25,401,278	60,671,305	74,022,607	134,693,912
1929 ²	843	316,692,818	29,257	38,958,390	112,573,103	99,065,847	229,774,800
1933.....	770	295,139,543	16,975	19,282,401	69,077,701	52,817,078	131,325,706
1937.....	823	287,473,542	23,837	30,389,958	115,938,578	77,667,225	208,205,148
1939.....	809	290,865,285	23,026	30,067,934	107,979,292	85,511,631	208,166,781
1941.....	773	325,032,038	28,829	42,376,214	133,140,990	117,425,887	324,289,898
1942.....	782	329,401,312	30,707	48,702,880	191,143,787	141,216,996	358,075,414
1943.....	747	351,164,254	30,994	53,282,340	215,139,225	146,460,170	388,713,942
1944.....	748	"	31,590	56,130,338	234,714,319	152,525,053	416,268,879
1945.....	789	"	32,525	57,193,679	231,341,920	145,197,043	405,736,477
1946.....	910	"	36,493	63,848,640	240,485,869	173,638,196	446,484,682
Chemicals and Allied Products—							
1917.....	539	175,836,690	56,153	51,505,484	99,068,092	131,381,995	230,450,087
1920.....	464	122,123,730	17,653	22,193,421	62,644,608	65,183,212	127,827,820
1922.....	469	118,025,483	14,082	16,770,503	37,650,061	48,981,277	86,631,338
1929 ²	554	165,886,912	16,694	22,639,449	55,184,337	78,785,911	138,545,221
1933.....	696	153,900,930	15,397	18,738,629	34,271,854	55,394,284	92,820,761
1937.....	754	161,165,068	21,968	28,612,719	64,460,947	79,290,240	148,973,220
1939.....	808	172,459,365	22,595	31,567,558	65,230,839	89,046,832	159,536,984
1941.....	849	358,429,529	54,014	75,634,741	134,924,947	157,304,350	304,400,569
1942.....	928	471,679,779	93,030	134,345,942	233,386,894	252,390,766	501,656,123
1943.....	945	759,864,951	92,288	146,677,194	368,111,343	379,453,873	765,217,887
1944.....	981	"	81,822	137,422,977	360,412,749	355,260,598	733,569,232
1945.....	973	"	60,723	106,017,985	212,197,636	249,701,603	478,532,689
1946.....	1,017	"	37,278	66,538,532	159,308,350	203,639,442	376,288,264
Misc. Industries—							
1917.....	473	33,179,930	10,584	7,504,199	11,958,675	15,662,241	27,620,916
1920.....	552	48,637,071	13,442	14,613,455	23,465,807	27,841,778	51,307,585
1922.....	516	48,020,052	11,185	12,391,024	16,371,366	25,607,093	41,978,459
1929 ²	421	59,654,759	10,786	12,457,989	22,495,351	28,081,046	51,207,736
1933.....	459	33,554,083	8,351	7,810,976	9,497,751	14,083,738	24,138,927
1937.....	545	39,549,593	11,699	11,936,704	17,792,121	22,807,435	41,251,081
1939.....	566	41,480,534	12,280	13,045,929	18,808,810	24,368,247	43,393,206
1941.....	621	73,990,849	18,441	21,480,656	34,818,275	36,651,877	72,525,897
1942.....	657	105,556,242	22,474	27,202,456	49,292,782	46,918,549	97,437,944
1943.....	668	110,684,657	25,388	38,723,390	81,085,860	60,156,877	142,587,014
1944.....	665	"	25,542	41,304,732	66,967,507	64,159,068	152,484,005
1945.....	692	"	24,956	38,642,220	90,185,370	62,527,170	154,115,874
1946.....	704	"	21,381	31,641,518	50,387,530	61,245,149	112,942,600

¹ See footnote 1, Table 1.² See footnote 2, Table 1.³ Information not collected.

The figures in Table 4 trace the tendencies in Canadian manufacturing industries as clearly as possible through the latest period of their development. In analysing statistics of production and materials used, it should be borne in mind that, due to the inflation of values from 1914 through the immediate post-war period and the drop in prices of commodities during the depressions following 1921 and 1930, the figures for these periods are not completely comparable. One very important figure, however, which shows the trend of development clearly, is concerned with the use of power. The total horse-power employed increased from 1,658,475 in 1917 to 6,783,949 in 1946, an increase of about 310 p.c. in 29 years. In the same period, horse-power per wage-earner showed an interrupted trend from 3.06 to 10.82 in 1933 and 9.46 in 1939. With the large increase in the number of wage-earners on war production, and the more efficient utilization of the equipment available, the horse-power per wage-earner dropped to 6.28 in 1944. With the increasing installation of power machinery and the decline in employment after the war, the number of horse power per wage-earner rose to 7.73 in 1946. The significant feature is the increase in both the absolute figure of power employed and the averages per wage-earner during the depression years as compared with 1929, although the large numbers of persons again finding employment since 1933 reduced the averages for the years 1934 to 1937 and again for 1940 to 1945. Other interesting comparisons are the trend of value added by manufacture, per employee, and of average salaries and wages paid since 1929.

Subsection 2.—Consumption of Manufactured Products

One of the beneficial results of adopting the same classification for external trade and for production is exhibited in Table 5, where the value of commodities made available for consumption in Canada is derived from these statistics. For example, the value of all manufactured commodities made available in 1946 was \$7,724,138,545, a figure obtained by adding to the value of manufactured products the value of the imports of manufactured and partly manufactured goods and deducting the value of the exports. In this table more accurate statistics could be presented were it possible to exclude from the gross value of manufactured products the duplications involved when the products of one manufacturing establishment become the material worked upon in another. Iron, vegetable, textile, wood and paper, and animal were, in that order, the leading groups in the value of finished products made available for consumption in 1946. Vegetable, animal, wood and paper, and non-ferrous metal products were manufactured in Canada in greater quantities than required for home consumption, providing export balances in these groups.

On balance, Canada, in the past, imported large quantities of iron and steel, textile and non-metallic mineral products in spite of large home production. The urgent requirements for munitions of war brought about an expansion of the iron and steel, chemical and non-ferrous metals industries that will enable Canada to meet most requirements for home consumption in the future.

4.—Summary Statistics of Manufactures, Significant Years, 1917-46

Item	1917	1920	1929 ¹	1933	1939	1944	1945	1946
Establishments.....	No.	22,532	22,216	23,780	24,305	28,463	29,050	31,249
Capital.....	\$	2,923,667,011	4,004,892,009	3,279,259,838	3,047,024,440	2	2	2
Averages, per establishment.....	\$	129,756	180,271	137,900	147,028	-	-	-
Averages, per employee.....	\$	4,882	6,009	6,997	5,542	-	-	-
Averages, per wage-earner.....	\$	5,616	6,933	8,584	6,838	-	-	-
Totals, employees.....	No.	598,893	666,831	408,658	658,114	1,222,882	1,110,372	1,058,156
Averages, per establishment.....	No.	26.6	30.0	19.7	26.5	42.9	38.5	33.9
Totals, salaries and wages.....	\$	717,493,876	777,291,217	436,247,824	737,811,153	2,029,621,370	1,845,773,449	1,740,687,254
Averages, per establishment.....	\$	31,843	34,988	18,345	29,744	71,257	63,538	55,704
Averages, per employee.....	\$	1,198	1,166	831	1,121	1,660	1,649	1,685
Employees on salaries.....	No.	78,334	88,841	86,636	124,772	192,858	190,707	181,008
Averages, per establishment.....	No.	3.0	3.5	3.6	5.0	6.8	6.6	5.8
Salaries.....	\$	85,353,667	141,837,361	139,317,946	217,839,334	418,065,594	417,857,619	410,875,776
Averages, per salaryed employee.....	\$	1,315	1,976	1,608	1,746	2,171	2,191	2,270
Employees on wages.....	No.	541,605	520,559	382,022	533,342	1,030,324	928,665	877,150
Averages, per establishment.....	No.	24.8	23.1	16.1	21.5	36.2	32.0	28.1
Wages.....	\$	412,448,177	575,650,315	296,929,578	519,971,819	1,611,555,776	1,427,915,830	1,329,811,478
Averages, per wage-earner.....	\$	762	1,106	777	975	1,564	1,538	1,516
Cost of materials.....	\$	1,530,678,811	2,085,276,049	967,788,928	1,836,159,375	4,832,333,356	4,473,668,847	4,358,234,766
Averages, per establishment.....	\$	2,539	3,482	40,698	74,024	169,657	153,999	139,468
Averages, per employee.....	\$	3,482	91,361	2,065	2,790	3,952	3,997	4,119
Values added in manufacture ³	\$	1,281,131,980	1,621,273,348	919,671,181	1,531,051,901	4,015,776,010	3,554,315,899	3,467,004,980
Averages, per establishment ³	\$	58,646	71,954	38,674	61,724	140,989	122,696	110,948
Averages, per employee ³	\$	2,112	2,634	1,962	2,326	3,284	3,184	3,276
Gross value of products.....	\$	2,820,810,791	3,708,544,997	1,954,075,785	3,474,783,828	9,073,692,519	8,250,368,866	8,035,692,471
Averages, per establishment.....	\$	129,128	164,501	82,173	140,084	318,565	284,006	257,150
Averages, per employee.....	\$	6,651	5,286	4,170	5,280	7,420	7,371	7,594
Power employed.....	h.p.	1,658,475	3,855,648	4,135,008	5,045,287	6,408,439	6,606,651	6,788,949
Averages, per establishment.....	h.p.	76	174	203	203	227	227	217
Averages, per wage-earner.....	"	3.06	3.97	10.82	9.46	6.28	7.11	7.73

¹ A change in the method of computing the number of wage-earners in the years 1925 to 1930, inclusive, increased the number somewhat over that which the method otherwise used would have given. There was, therefore, a proportionate reduction in the averages for 1925-30 per employee and wage-earner, as compared with what these averages would have been under the other method. In 1931, however, the method in force prior to 1925 was re-adopted. The figures for 1931 and later years are, therefore, comparable with those for 1924 and earlier years.

² Not collected.

³ Net values of products; see footnote 1, Table 4.

5.—Consumption of Manufactured Products, 1928-1946 and by Industrial Groups, 1946

Year	Value of Products Manufactured	Manufactured and Partly Manufactured Goods ¹		Value of Manufactured Products Available for Consumption
		Value of Net Imports	Value of Domestic Exports	
	\$	\$	\$	\$
1928.....	3,582,345,302	954,387,551	698,376,615	3,838,356,238
1929.....	3,883,446,116	939,130,201	686,876,071	4,135,700,246
1930.....	3,280,236,603	675,828,233	490,108,470	3,465,956,366
1931.....	2,555,126,448	423,519,849	347,456,198	2,631,100,099
1932.....	1,980,471,543	281,855,757	267,765,614	1,994,561,686
1933.....	1,954,075,785	298,068,344	365,232,113	1,886,912,016
1934.....	2,393,692,729	357,320,284	419,094,297	2,331,918,716
1935.....	2,653,911,209	385,597,041	582,041,141	2,457,467,109
1936.....	3,002,403,814	468,455,981	676,890,803	2,793,968,992
1937.....	3,625,459,500	566,876,483	781,099,407	3,411,236,576
1938.....	3,337,681,366	472,193,253	587,758,795	3,222,115,824
1939.....	3,474,783,528	542,364,930	646,853,938	3,370,294,520
1940.....	4,529,173,316	807,636,948	913,049,979	4,423,760,285
1941.....	6,076,308,124	1,123,994,913	1,292,855,603	5,907,447,434
1942.....	7,553,794,972	1,283,884,068	2,056,368,079	6,781,310,961
1943.....	8,732,860,999	1,305,838,746	2,444,862,298	7,593,837,447
1944.....	9,073,692,519	1,302,413,996	2,668,575,781	7,707,530,734
1945.....	8,250,368,866	1,117,544,874	2,352,441,796	7,015,471,944
Industrial Group, 1946				
Vegetable products.....	1,469,914,130	143,536,230	215,611,006	1,397,839,354
Animal products.....	1,132,233,759	29,960,033	208,051,118	954,142,674
Textiles and textile products.....	888,658,943	190,897,928	52,076,376	1,027,480,495
Wood and paper products.....	1,484,436,122	67,812,589	580,131,378	972,117,333
Iron and its products.....	1,405,542,865	480,238,958	223,119,955	1,662,661,868
Non-ferrous metal products.....	719,191,106	104,265,224	227,819,704	595,636,626
Non-metallic mineral products.....	446,484,682	106,480,539	38,677,012	514,288,209
Chemicals and allied products....	376,288,264	91,596,455	67,588,719	400,596,000
Miscellaneous industries.....	112,942,600	175,035,144	88,601,758	199,375,986
Totals, 1946.....	8,035,692,471	1,390,123,100	1,701,677,026	7,724,138,545

¹ Imports and exports of manufactured and partly manufactured goods for the years 1928 to 1938 are or the fiscal years ended Mar. 31 of the following years, while for 1939 to 1946 they are for the calendar year. Net imports are total imports less foreign products re-exported.

Section 2.—Value and Volume of Manufactured Products

Value of Manufactured Products.—In the interpretation of manufacturing values over a number of years, variations in the level of prices must be borne in mind, especially when such variations have been as great as those in the period since the annual Census of Manufactures was begun in 1917. The index number of wholesale prices in Canada, on the 1926 base, compiled by the Dominion Bureau of Statistics, stood at 114·3 in 1917, 155·9 in 1920, 97·3 in 1922, 95·6 in 1929, 67·1 in 1933, 84·6 in 1937, 75·4 in 1939 and 108·7 p.c. in 1946. Index numbers of the prices of fully or chiefly manufactured goods were: 113·5 in 1917, 156·5 in 1920, 100·4 in 1922, 93·0 in 1929, 70·2 in 1933, 80·5 in 1937, 75·3 in 1939 and 98·8 p.c. in 1946.

Volume of Manufacturing Production.—Since real income is ultimately measured in goods and services, the growth of the volume of manufacturing production, as distinguished from its value, becomes a matter of great significance. The important thing to know is whether consumers are getting more goods and services, not whether they are expending more dollars and cents.

The index of volume (Table 6) is based on the quantities of manufactured products reported. The industry indexes are weighted according to the values added by manufacture. The indexes for the years 1923-31 are based on the values added in 1926. The weights and products were changed in 1931, 1936 and then again in 1941. By changing the weights and products used in the construction of the index every five years, current changes in production are thereby reflected more accurately.

The physical volume of manufacturing production increased 50.2 p.c. from 1923 to 1929. When it is recalled that the population of Canada is estimated to have increased only 11.1 p.c. during the same period, the growth of manufacturing production is indeed remarkable. Of this advance, the part resulting from an increase in the domestic demand due to growth of population would therefore be about 11.1 p.c. Exports of partly and fully manufactured goods increased from \$591,830,000 in the fiscal year ended Mar. 31, 1924, to \$686,876,000 in the fiscal year 1929-30, the increase in exports representing about 3.6 p.c. of the 1923 production. The remainder of the increase in production by 1929, or a margin equal to roughly 35 p.c. of the volume of manufactures of 1923, was, therefore, apparently absorbed by increases in capital equipment and by the rise in the standard of living of the population of Canada.

A similar analysis of the volume of manufactures since 1929 in relation to population and exports would show that the decline in the depression preceding the Second World War was due chiefly to reduced exports and a cessation in production of capital equipment. As a result of the expansion in production resulting from the demands created by the War, the physical volume of production in 1943 when production was at an all-time high increased by 76.6 p.c. since 1939 and by 85.1 p.c. since 1929. The chemical and allied products group, with an increase of 262.5 p.c., reported the greatest expansion in output since 1939. This was followed by the iron and its products group with an increase of 222.2 p.c., non-ferrous metal products 129.9 p.c., miscellaneous industries 68.0 p.c., non-metallic mineral products 55.6 p.c., animal products 40.4 p.c., textiles and textile products 33.7 p.c., vegetable products 24.6 p.c., and wood and paper products 21.4 p.c. There was also an increase in the volume of consumer goods. As was to be expected, the increase was not so great as that for the output of equipment and supplies needed by the Armed Forces. Drink and tobacco increased by 50.5 p.c., food 26.8 p.c. and clothing 24.7 p.c.

In 1946 the index of the physical volume of production at 150.3 represented a drop of 19.9 p.c. from the high mark attained in 1943. Chemicals and allied products had the sharpest decline of 65.2 p.c., followed by iron and its products with 44.7 p.c., non-ferrous metal products 39.1 p.c.; miscellaneous industries 9.3 p.c.; and textiles and textile products 4.4 p.c. The wood and paper, vegetable, non-metallic mineral and animal products groups on the other hand reported an increase in the volume of production. The volume of consumer goods continued to rise with the books and stationery group reporting an increase of 28.3 p.c., followed by drink and tobacco with 26.3 p.c., personal utilities 25.4 p.c., house furnishings 15.8 p.c., food 11.9 p.c. and clothing 5.0 p.c. Industrial equipment and producers' materials were both down with declines of 25.7 and 15.1 p.c. respectively. Vehicles and vessels had the greatest decline of 52.1 p.c.

6.—Indexes of the Volume of Manufacturing Production, According to Component Material and Purpose Classifications, 1923-1946

(1935-39=100)

(The indexes for 1940 to 1946 are being revised in the light of supplementary information now available)

	COMPONENT MATERIAL CLASSIFICATION GROUPS									
	All Industries	I	II	III	IV	V	VI	VII	VIII	IX
1923.....	67.5	62.6	75.0	64.3	65.1	81.5	42.7	81.8	59.2	99.5
1924.....	66.3	67.8	80.4	62.1	64.0	68.6	46.4	78.9	60.5	95.0
1925.....	72.5	75.1	84.8	66.5	69.0	79.9	52.5	80.3	64.8	94.5
1926.....	82.5	80.2	92.2	75.8	78.1	102.6	58.6	89.6	70.5	104.4
1927.....	87.9	84.9	90.0	81.4	84.1	104.1	67.6	102.3	75.2	114.2
1928.....	95.8	93.5	92.9	87.0	92.5	117.1	75.3	116.3	82.7	110.5
1929.....	101.4	96.4	87.9	86.1	99.6	133.4	81.3	137.1	84.8	105.6
1930.....	91.9	91.6	85.3	80.0	92.1	108.6	76.8	122.9	74.9	87.8
1931.....	79.9	83.4	77.4	78.2	76.6	82.8	73.1	105.6	69.2	80.0
1932.....	67.6	74.1	76.7	74.6	68.0	53.5	58.9	75.1	66.0	75.8
1933.....	67.7	72.8	79.6	81.1	69.6	50.2	57.6	68.8	69.9	71.9
1934.....	79.6	82.4	86.5	89.5	81.5	67.6	70.8	82.5	79.3	85.2
1935.....	87.9	87.0	91.3	94.5	89.5	83.4	81.2	88.1	87.2	91.1
1936.....	96.2	95.9	98.7	99.9	98.4	93.5	91.5	96.8	93.6	91.7
1937.....	108.9	104.5	102.7	106.0	109.6	118.1	110.1	111.3	107.3	106.6
1938.....	100.8	102.4	100.3	94.5	97.8	102.8	106.0	101.6	102.9	105.3
1939.....	106.3	109.0	107.2	104.9	104.4	101.9	111.1	105.1	108.9	110.7
1940.....	125.2	117.9	118.7	124.8	117.8	141.2	133.2	127.8	130.2	116.3
1941.....	155.9	137.2	138.2	143.1	131.3	217.1	165.4	148.8	219.6	157.4
1942.....	179.9	136.4	145.0	152.4	131.2	289.2	213.7	157.6	369.6	180.2
1943.....	187.7	135.8	150.5	140.2	126.7	328.3	255.4	163.5	394.8	186.0
1944.....	180.8	155.0	155.9	136.2	129.1	300.5	229.6	166.5	338.8	192.0
1945.....	165.3	159.0	159.9	134.7	136.2	247.7	177.6	165.6	257.2	195.6
1946.....	150.3	166.6	157.0	134.1	155.5	181.7	155.6	176.2	137.3	168.7

I. Vegetable products
II. Animal products
III. Textiles and textile products
IV. Wood and paper products
V. Iron and its products
VI. Non-ferrous metal products
VII. Non-metallic mineral products
VIII. Chemicals and allied products
IX. Miscellaneous industries

Year	PURPOSE CLASSIFICATION GROUPS										
	All Industries	I	II	III	IV	V	VI	VII	VIII	IX	X
1923.....	67.5	73.7	69.2	50.1	85.1	62.1	56.1	69.3	64.3	77.4	45.0
1924.....	66.3	79.0	69.3	57.4	81.2	69.4	46.8	65.8	64.2	67.4	47.1
1925.....	72.5	84.0	74.4	61.0	87.0	67.7	54.8	71.9	69.6	83.3	48.7
1926.....	82.5	87.0	83.5	65.9	99.6	78.7	60.3	81.6	84.3	108.3	52.9
1927.....	87.9	85.0	89.0	75.8	105.9	95.0	67.0	86.6	91.7	115.2	55.8
1928.....	95.8	90.2	96.0	86.0	106.5	98.3	74.1	95.7	101.6	122.6	60.0
1929.....	101.4	89.4	95.8	92.6	101.5	108.3	79.3	101.8	109.2	142.6	66.2
1930.....	91.9	91.0	88.5	86.3	84.1	98.8	78.7	90.7	97.0	115.6	55.5
1931.....	79.9	83.4	85.1	78.0	78.2	85.9	75.0	76.4	82.0	82.7	56.4
1932.....	67.6	80.6	77.8	67.0	70.3	70.7	76.9	61.2	63.7	56.8	52.6
1933.....	67.7	79.9	81.7	63.4	70.7	68.7	73.5	63.6	59.2	57.7	59.9
1934.....	79.6	87.8	87.7	72.7	79.5	79.1	83.6	77.3	73.8	76.6	72.8
1935.....	87.9	90.5	92.2	82.5	87.6	85.9	93.4	86.2	84.7	90.5	78.6
1936.....	96.2	98.8	97.9	90.9	94.3	95.4	96.3	97.0	94.9	94.3	87.2
1937.....	108.9	101.5	103.9	107.6	106.7	110.5	101.7	111.8	113.3	118.0	109.6
1938.....	100.8	102.4	97.9	107.5	103.0	101.6	103.8	98.0	102.0	99.9	109.1
1939.....	106.3	107.0	108.2	111.6	108.5	106.5	104.7	106.9	105.1	97.4	115.5
1940.....	125.2	115.0	119.9	129.7	115.1	120.5	102.8	128.7	138.7	129.5	180.3
1941.....	155.9	131.7	136.0	149.5	140.0	140.4	112.8	151.1	184.9	230.8	230.8
1942.....	179.9	130.6	142.7	171.2	144.6	149.4	106.6	172.3	222.8	310.2	430.9
1943.....	187.7	135.7	134.9	167.9	141.7	149.7	107.2	172.7	257.0	373.0	405.1
1944.....	180.8	147.5	135.7	193.0	143.9	153.6	110.7	164.4	237.6	369.5	362.4
1945.....	165.3	149.0	136.7	203.5	158.9	156.1	120.4	152.8	208.6	289.4	257.8
1946.....	150.3	151.9	141.6	212.0	177.7	173.3	137.5	146.6	191.0	178.6	105.9

I. Food
II. Clothing
III. Drink and tobacco
IV. Personal utilities
V. House furnishings
VI. Books and stationery
VII. Producer materials
VIII. Industrial equipment
IX. Vehicles and vessels
X. Miscellaneous

7.—Indexes of the Volume of Manufacturing Production for the Groups of the Purpose Classification, Significant Years, 1923-46

(1935-39=100)

Group and Classification	1923	1929	1933	1939	1943	1945	1946
Food	73.7	89.4	79.9	107.0	135.7	149.0	151.9
Breadstuffs	81.0	98.7	84.3	106.9	138.7	144.5	151.3
Fish	108.5	114.1	86.7	98.8	131.9	161.5	156.8
Fruit and vegetable preparations	32.9	70.8	64.5	109.9	107.0	133.7	175.4
Meats	72.7	78.5	76.2	106.0	165.3	176.4	159.2
Milk products	69.8	77.2	78.7	107.3	145.5	148.7	141.2
Oils and fats	52.0	40.9	41.9	156.4	314.0	336.6	356.7
Sugar	79.2	88.5	82.5	109.4	83.3	95.0	92.8
Infusions	64.4	75.0	82.5	105.8	156.2	195.5	196.0
Miscellaneous	46.5	67.4	66.5	110.4			
Clothing	69.2	95.8	81.7	108.2	134.9	136.7	141.6
Boots and shoes	73.0	100.6	80.0	113.4	107.9	129.9	140.5
Fur goods	41.1	97.6	81.0	118.3	169.7	195.0	206.9
Garments and personal furnishings	75.3	94.2	80.2	103.1	153.9	144.4	145.6
Gloves and mittens	59.2	84.0	76.4	100.4	167.1	172.5	170.7
Hats and caps	58.6	95.3	74.3	104.5	130.9	123.9	133.8
Knitted goods	64.8	86.1	83.1	112.4	118.2	120.4	125.8
Waterproofs	48.9	89.8	65.7	100.4	250.0	160.9	159.3
Drink and Tobacco	50.1	92.6	63.4	111.6	167.9	203.5	212.0
Beverages, alcoholic	49.5	105.9	60.5	102.8	165.8	229.5	258.2
Beverages, non-alcoholic	35.9	61.3	54.9	136.4	178.6	171.8	187.8
Tobacco	55.3	90.7	77.1	111.3	170.6	210.1	189.2
Personal Utilities	85.1	101.5	70.7	108.5	141.7	158.9	177.7
Jewellery and time-pieces	78.4	88.5	67.7	108.1	140.0	167.6	207.2
Recreational supplies	193.3	176.7	48.2	114.1	152.4	189.2	218.6
Personal utilities	56.1	79.8	78.1	107.5	142.6	152.5	160.6
House Furnishings	62.1	108.3	68.7	106.5	149.7	156.1	173.3
Books and Stationery	56.1	79.3	73.5	104.7	107.2	120.4	137.5
Producers Materials	69.3	101.8	63.6	106.9	172.7	152.8	146.6
Farm materials (fertilizers)	8.0	13.4	51.7	124.8	204.5	236.3	303.2
Manufacturers materials	58.7	88.1	64.4	105.6	169.1	146.8	141.1
Building materials	109.3	152.9	58.8	111.2	154.8	162.7	188.4
General materials	86.0	120.3	69.3	108.5	190.0	202.8	206.9
Industrial Equipment	64.3	109.2	59.2	105.1	257.0	208.6	191.0
Farming equipment	97.7	144.7	43.3	85.1	240.7	211.0	204.8
Manufacturing equipment	66.5	101.3	44.9	107.6	293.5	244.1	243.7
Trading equipment	55.2	77.2	80.0	107.7	Nil	Nil	Nil
Service equipment	67.7	75.8	72.5	100.4	317.8	220.9	152.0
Light, heat and power equipment	46.6	104.8	61.7	105.0	220.7	199.7	193.9
General equipment	74.2	114.4	58.5	106.4	292.8	217.3	191.2
Vehicles and Vessels	77.4	142.6	57.7	97.4	373.0	289.4	178.6
Miscellaneous	45.0	66.2	59.9	115.5	405.1	257.8	105.9
Totals, All Manufactures	67.5	101.4	67.7	106.3	187.7	165.3	150.3

Section 3.—Production by Industrial Groups and Individual Industries

For the purposes of the Census of Manufactures, the main detailed analysis is made under a classification in which industries are grouped according to the chief component materials of the goods manufactured. This is, therefore, the grouping used in Table 10, where the statistics of individual industries are presented in detail and in the historical series shown in Table 3. However, there are also less detailed analyses under the standard classification grouping given in Table 11, purpose groupings in Table 12 and under origin groupings in Table 13.

Subsection 1.—Manufactures Grouped by Chief Component Materials

A classification based on the chief component materials in the various products of each manufacturing establishment was applied for the first time in the compilation of the returns for 1920. The number of groups was reduced from fifteen to nine to correspond with the external trade classification and the classes of industry were somewhat altered to conform with recent industrial developments. Subsequently, a number of minor changes were made, the most important being the elimination of

central electric stations and the dyeing, cleaning and laundry industry from the compilation in 1936. Revisions due to these changes have been carried back to 1917 in so far as possible.

Recent Changes in Manufacturing Production.—Table 8 shows the effects of the depression, the recovery since 1933, and the impact of the Second World War upon the main groups of industries with regard to the numbers employed, the salaries and wages paid, and the gross value of products. Owing to the price decline during the depression, money values of both wages and products were naturally affected more than number of employees. Furthermore, during periods of curtailed production there is a tendency for wage-earners to be put on part time, while the number of salaried employees responds less quickly to reduction in output than that of wage-earners. Therefore, there are several reasons why the variation in number of employees should be less than that of money values. The figures of Table 8 are to be compared with those of Table 6 which shows changes in volume of production. Compared with 1939, the number of employees in 1944 increased by 85.8 p.c. as compared with an increase of 70.1 p.c. in the physical volume of production. Salaries and wages paid were 175.1 p.c. higher and the gross value of production 161.1 p.c. higher. Another significant change is the increase in the proportion of women engaged in manufacturing. Whereas in 1939, there were 281 females to every 1,000 males employed, in 1944 this figure jumped to 403.

8.—Percentage Variation in Employment, Salaries and Wages, and Gross Value of Products in the Main Industrial Groups, Compared for Significant Years, 1929-44

NOTE.—The highest pre-depression year was 1929, while the lowest depression year was 1933.

Industrial Group	1933 Compared with 1929			1939 Compared with 1929			1944 Compared with 1939		
	Em- ployees	Salaries and Wages	Gross Value of Pro- ducts	Em- ployees	Salaries and Wages	Gross Value of Pro- ducts	Em- ployees	Salaries and Wages	Gross Value of Pro- ducts
Vegetable products.....	-17.2	-28.5	-44.8	+ 9.2	+ 8.8	-15.8	+ 31.4	+ 76.4	+ 92.6
Animal products.....	-21.5	-25.2	-43.3	+ 2.5	+ 9.9	- 3.3	+ 35.8	+ 89.4	+136.4
Textile products.....	- 7.9	-23.3	-30.7	+16.5	+12.8	- 2.6	+ 26.5	+ 82.8	+ 99.1
Wood and paper products.....	-36.1	-46.8	-52.9	-12.0	-14.0	-20.0	+ 31.0	+ 72.1	+ 88.6
Iron and its products.....	-48.6	-64.5	-72.6	-15.2	-22.2	-30.0	+240.3	+416.2	+359.1
Non-ferrous metals.....	-36.6	-48.4	-41.9	+11.8	+ 9.5	+46.7	+134.1	+206.5	+138.5
Non-metallic minerals.....	-42.0	-50.5	-42.8	-21.3	-22.8	- 9.4	+ 37.2	+ 86.7	+100.0
Chemicals.....	- 7.8	-17.2	-33.0	+35.3	+39.4	+15.2	+262.1	+335.3	+359.8
Miscellaneous products.....	-22.6	-37.3	-52.9	+13.9	+ 4.7	-15.3	+108.0	+216.6	+251.4
Averages, All Industries.	-29.7	-43.9	-49.7	- 1.3	- 5.1	-10.5	+ 85.8	+175.1	+161.1

Significant changes in the nature of manufacturing production took place since the cessation of hostilities in 1945. As was to be expected, industries engaged in war production would operate at a substantially lower level, while industries producing consumers goods would materially step up their production. The changes which took place are summarized in Table 9. From the point of view of employment the chemical and allied products group with a drop of 54.4 p.c. experienced the greatest decline in production between 1944 and 1946. Iron and its products was second with a drop of 39.5 p.c., followed by non-ferrous metal products with 18.7 p.c. and miscellaneous industries 16.3 p.c. The wood and paper products group reported the greatest gain with an increase in employment of 18.2 p.c., followed by non-metallic mineral products with 15.5 p.c., animal products 9.1 p.c., textiles 7.6 p.c. and vegetable products 5.0 p.c. For manufacturing as a whole there was a drop of 13.5 p.c. in the number of employees, 14.2 p.c. in salaries and wages paid and 11.4 p.c. in the gross value of production.

9.—Percentage Variation in Employment, Salaries and Wages, and Gross Value of Products in the Main Industrial Groups, 1946, Compared with 1944 and 1945.

Group	1946 Compared with 1944			1946 Compared with 1945		
	Number of Employees	Salaries and Wages	Gross Value of Products	Number of Employees	Salaries and Wages	Gross Value of Products
All Groups	-13.5	-14.2	-11.4	- 5.5	- 5.7	- 2.6
Vegetable products.....	+ 5.0	+12.5	+15.7	+ 1.4	+ 5.6	+ 8.6
Animal products.....	+ 9.1	+17.3	+ 3.7	+ 4.6	+ 9.5	+ 1.8
Textiles and textile products..	+ 7.6	+16.5	+13.7	+ 4.2	+ 9.8	+10.0
Wood and paper products.....	+18.2	+28.7	+35.7	+12.4	+19.6	+25.3
Iron and its products.....	-39.5	-41.9	-44.7	-22.5	-25.3	-28.8
Non-ferrous metal products....	-18.7	-17.8	-27.5	- 4.0	- 5.0	- 7.7
Non-metallic mineral products	+15.5	+13.8	+ 7.3	+12.2	+11.6	+10.0
Chemicals and allied products	-54.4	-51.6	-48.7	-38.6	-37.2	-21.4
Miscellaneous industries.....	-16.3	-23.4	-25.9	-14.3	-18.1	-26.7

Detailed Statistics by Groups and Individual Industries.—Table 10 presents for the year 1946 detailed statistics regarding the individual industries under which all industrial plants in the Dominion are classified. The industries are further assembled under nine main groups according to the principal component material of their products.

In interpreting the statistics of individual industries it should be remembered that the figures on employment, production, etc., do not refer to individual products but to all the products made in an industry. For example, the value of production of the biscuit and confectionery industry amounting to \$86,714,459 in 1946 does not mean that this was the value of biscuits and confectionery produced. What it means is that the firms whose principal products were biscuits and confectionery had a value of production of \$86,714,459. This figure, in addition to biscuits and confectionery, includes all the subsidiary products made by these firms, such as ice cream, which was valued at \$1,411,275, and bread and other bakery products amounting to \$5,071,780. Biscuits and confectionery are also produced as subsidiary products by firms credited to other industrial classifications. For total production figures for individual products reference should be made to Appendix II of this report "Alphabetical List of Products".

The incidence of the War resulted in a rearrangement in the rank of many industries. Industries producing supplies and equipment for the Armed Forces naturally advanced while those industries producing for the domestic consumer market declined in importance. To supply the raw materials needed by the industries engaged principally in war production, it became necessary to restrict or prohibit the manufacture of many products such as pleasure cars, radios, washing machines, electrical equipment, household appliances, agricultural implements, etc. Though these industries were forced to change over to wartime production, the changes did not affect the value of their output and consequently their importance as producers of manufactured goods did not alter drastically. To analyse the effects of the War and the conversion to peace-time production on any industry, it is necessary to compare the nature of the products made before and during the War with that of the present. This should be borne in mind in making industrial comparisons of the war years and the present. For example, the number of employees engaged in the agricultural implements industry increased by 8,248 between 1939 and 1945; this in spite of the fact that the output of agricultural implements remained at about the same level. The increase was due to a change-over of some of the plants to war production. It is therefore impossible to trace industrial trends from the principal statistics alone, as published in this report.

10.—Statistics of the Establishments, Employees, Salaries and Wages, Power, Fuel,

	Industry and Group	Establishments	Employees on Salary			Employees on	
			Male	Female	Salaries	Male	Female
	PROVINCE	No.	No.	No.	\$	No.	No.
1	Prince Edward Island.....	246	300	76	394,735	908	471
2	Nova Scotia.....	1,397	2,971	905	6,931,360	22,193	3,655
3	New Brunswick.....	993	2,390	791	5,978,530	15,947	3,604
4	Quebec.....	10,818	42,251	16,180	134,254,799	211,160	87,676
5	Ontario.....	11,424	59,899	29,558	210,784,299	310,972	97,691
6	Manitoba.....	1,357	4,634	1,746	13,335,733	24,300	7,687
7	Saskatchewan.....	955	2,100	723	4,668,247	7,803	1,331
8	Alberta.....	1,315	3,343	1,116	8,079,023	14,995	3,195
9	British Columbia.....	2,731	9,097	2,906	26,410,403	54,351	9,130
10	Yukon and Northwest Territories.....	13	17	3	38,647	61	11
	Totals.....	31,249	127,002	54,004	410,875,776	662,699	214,451
	INDUSTRIAL GROUP						
1	Vegetable products.....	5,916	17,619	7,416	54,503,739	75,225	36,910
2	Animal products.....	4,528	13,015	4,917	35,096,105	60,736	24,176
3	Textiles and textile products.....	3,082	12,316	7,489	52,363,705	58,904	86,028
4	Wood and paper products.....	11,994	32,593	10,878	87,385,351	157,119	23,531
5	Iron and its products.....	2,358	26,923	11,247	95,171,196	199,762	11,347
6	Non-ferrous metal products.....	740	11,297	5,485	40,196,279	51,754	16,317
7	Non-metallic mineral products.....	910	4,347	1,459	13,086,515	28,119	2,568
8	Chemicals and allied products.....	1,017	6,373	3,728	24,072,730	20,077	7,100
9	Miscellaneous industries.....	704	2,519	1,385	9,000,156	11,003	6,474
	1.—Vegetable Products						
1	Aerated and mineral waters.....	456	1,073	338	3,230,147	3,347	282
2	Biscuits, confectionery, cocoa, etc.....	237	1,266	685	4,581,029	4,677	6,415
3	Bread and other bakery products.....	2,864	3,618	1,228	8,169,704	18,694	6,913
4	Breweries.....	61	1,233	319	4,880,558	6,798	294
5	Distilleries.....	18	586	234	2,288,106	2,115	1,140
6	Flour and feed mills.....	974	1,684	467	3,804,180	5,604	281
7	Foods, breakfast.....	23	163	72	505,602	596	325
8	Foods, stock and poultry.....	235	701	309	1,944,890	2,828	133
9	Foods, miscellaneous.....	286	1,099	683	4,101,501	2,155	2,956
10	Fruit and vegetable preparations.....	513	1,439	759	4,126,509	7,521	6,654
11	Macaroni, vermicelli, etc.....	17	53	31	205,503	391	251
12	Malt and malt products.....	11	73	29	283,458	455	6
13	Rubber goods, including rubber footwear.....	60	3,038	1,464	10,306,594	12,739	4,814
14	Starch and glucose.....	10	171	77	577,061	712	67
15	Sugar refineries.....	11	277	101	1,146,141	1,987	268
16	Tobacco, cigars and cigarettes.....	78	715	493	2,850,492	2,812	5,512
17	Tobacco processing and packing.....	17	203	34	575,122	620	460
18	Vegetable oil mills.....	14	85	34	314,024	609	6
19	Wine.....	29	123	56	533,823	515	133
20	All other industries.....	2	19	3	79,295	50	—
	Totals, Vegetable Products.....	5,916	17,619	7,416	54,503,739	75,225	36,910
	2.—Animal Products						
1	Animal oils and fats.....	8	25	9	82,558	113	1
2	Belting, leather.....	15	46	20	146,861	164	24
3	Boot and shoe findings, leather.....	25	60	31	199,082	458	169
4	Boots and shoes, leather.....	294	1,775	755	5,927,432	11,178	8,626
5	Butter and cheese.....	2,161	3,809	1,539	7,288,689	13,022	1,289
6	Cheese, processed.....	23	130	56	387,331	358	338
7	Condensed milk.....	31	155	91	495,439	1,103	117
8	Dairy products, other.....	85	142	55	377,710	384	91
9	Fish curing and packing.....	586	1,166	232	2,156,716	7,183	2,746
10	Fur dressing and dyeing.....	24	143	39	444,879	1,126	343
11	Fur goods.....	593	1,162	370	3,380,782	2,518	2,214
12	Gloves and mittens, leather.....	84	212	101	676,466	911	1,843
13	Hair goods, animal and human.....	20	28	16	114,136	212	94
14	Leather tanneries.....	78	376	152	1,731,183	4,400	472
15	Miscellaneous leather goods.....	280	597	246	1,799,004	2,313	2,361
16	Sausage and sausage casings.....	74	142	34	257,019	310	113
17	Slaughtering and meat packing.....	147	3,047	1,171	9,630,818	14,983	3,335
	Totals, Animal Products.....	4,528	13,015	4,917	35,096,105	60,736	24,176

Materials, and Values of Products of Canadian Manufacturing Industries, 1946

Wages	Total Employees	Total Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Value of Products		
Wages					Net	Gross	
\$	No.	\$	\$	\$	\$	\$	
1,256,734	1,755	1,651,469	148,829	7,582,046	3,469,435	11,200,310	1
36,128,899	29,724	43,060,259	6,700,067	100,354,480	71,738,873	178,793,420	2
27,173,389	22,732	33,151,919	6,581,065	96,389,299	67,783,377	170,753,741	3
431,731,306	357,276	565,986,105	74,970,574	1,297,009,099	1,125,991,848	2,497,971,521	4
634,432,248	498,120	845,216,547	93,338,487	2,001,900,592	1,659,284,622	3,754,523,701	5
47,682,612	38,367	61,018,345	6,009,359	223,096,935	122,780,805	351,887,099	6
13,288,070	11,957	17,956,317	3,301,228	126,595,761	38,459,630	168,356,619	7
26,860,065	22,649	34,939,088	3,871,680	169,425,176	83,735,011	257,031,867	8
111,096,242	75,484	137,506,645	15,466,713	335,708,533	293,352,652	644,527,898	9
161,913	92	200,560	64,723	172,845	408,727	646,295	10
1,329,811,478	1,058,156	1,740,687,254	210,452,725	4,358,234,766	3,467,004,980	8,035,692,471	
152,389,942	137,170	206,893,681	22,514,615	871,436,061	575,963,454	1,469,914,130	1
116,421,732	102,844	151,517,837	11,711,525	849,242,804	271,279,430	1,132,233,759	2
175,654,618	164,733	228,018,323	10,731,057	459,664,221	418,263,665	888,658,943	3
278,664,211	224,121	366,049,562	56,037,626	679,343,485	749,055,011	1,484,436,122	4
380,641,787	249,279	475,812,983	34,739,295	635,344,199	735,459,371	1,405,542,865	5
110,169,899	84,853	150,366,178	27,707,597	413,022,247	278,461,262	719,191,106	6
50,762,125	36,493	63,848,640	32,360,617	240,485,869	173,638,196	446,484,682	7
42,465,802	37,278	66,538,532	13,340,472	159,308,350	203,639,442	376,288,264	8
22,641,362	21,381	31,641,518	1,309,921	50,387,530	61,245,149	112,942,600	9
4,920,611	5,040	8,150,758	843,212	14,872,546	27,332,922	43,048,680	1
12,070,461	13,043	16,651,490	1,150,541	43,982,673	41,581,245	86,714,459	2
34,817,497	30,453	42,987,201	4,495,245	70,886,539	72,980,744	148,362,528	3
12,863,191	8,644	17,743,749	1,612,598	23,416,499	84,270,490	109,299,587	4
4,834,427	4,075	7,122,533	1,355,191	21,427,733	44,326,434	67,119,358	5
9,093,980	8,036	12,898,160	2,234,470	224,233,698	34,191,283	260,659,451	6
1,556,708	1,156	2,062,310	233,533	7,535,527	7,186,162	14,955,222	7
4,463,436	3,971	6,408,326	737,013	68,649,226	14,207,938	83,594,177	8
5,656,680	6,893	9,758,181	598,880	78,782,164	30,670,894	110,051,938	9
15,042,269	16,373	19,168,777	1,889,642	83,434,146	50,680,350	136,004,138	10
813,299	726	1,018,802	105,784	2,888,739	2,252,412	5,246,935	11
862,489	563	1,145,947	630,847	9,500,127	5,534,724	15,665,698	12
27,506,769	22,055	37,813,363	3,821,287	62,135,578	93,451,248	159,408,113	13
1,072,647	1,027	1,649,708	519,216	6,943,428	3,015,462	10,478,106	14
3,864,648	2,633	5,010,789	1,532,486	45,900,913	13,748,222	61,181,621	15
9,860,868	9,532	12,711,360	296,061	45,455,773	36,048,133	81,799,967	16
1,124,076	1,317	1,699,198	101,125	33,799,632	3,933,492	37,834,249	17
989,783	734	1,303,807	252,014	20,441,369	4,760,056	25,453,439	18
890,800	827	1,424,623	99,075	5,215,338	5,497,977	10,812,390	19
85,303	72	164,598	6,395	1,924,413	293,266	2,224,074	20
152,389,942	137,170	206,893,681	22,514,615	871,436,061	575,963,454	1,469,914,130	
199,814	148	282,372	71,490	639,978	467,612	1,179,080	1
259,070	254	405,931	15,765	1,173,094	730,580	1,919,439	2
864,684	718	1,063,766	126,316	1,520,992	1,733,628	3,380,936	3
23,096,164	22,334	29,023,596	481,830	52,340,814	43,612,607	96,435,251	4
21,379,552	19,659	28,668,241	4,264,903	177,638,517	52,761,041	234,664,461	5
895,018	882	1,282,349	65,398	11,666,968	4,435,512	16,167,878	6
1,792,005	1,466	2,287,444	937,789	26,082,614	8,620,642	35,641,045	7
598,159	672	975,869	146,281	2,896,400	2,283,819	5,326,500	8
11,643,093	11,327	13,799,809	1,103,688	68,012,828	31,084,775	100,201,291	9
2,031,055	1,651	2,475,934	100,291	1,026,978	3,883,270	5,010,539	10
7,131,892	6,264	10,512,674	148,148	39,394,072	18,195,296	57,737,516	11
2,509,869	3,067	3,186,335	43,208	5,711,362	5,012,729	10,767,299	12
298,553	350	412,689	10,264	904,449	531,247	1,445,960	13
7,493,146	5,400	9,224,329	938,731	35,658,320	20,401,700	56,998,751	14
5,009,667	5,517	6,808,671	121,166	12,298,363	10,828,251	23,247,780	15
537,784	599	794,803	85,398	4,243,599	1,827,882	6,156,879	16
30,682,207	22,536	40,313,025	3,050,859	408,033,456	64,868,839	475,953,154	17
116,421,732	102,844	151,517,837	11,711,525	849,242,804	271,279,430	1,132,233,759	

10.—Statistics of the Establishments, Employees, Salaries and Wages, Power, Fuel,

	Industry and Group	Establishments	Employees on Salary			Employees on	
			Male	Female	Salaries	Male	Female
		No.	No.	No.	\$	No.	No.
3.—Textiles and textile Products							
1	Awnings, tents and sails.....	90	214	100	639,947	544	506
2	Bags, cotton and jute.....	31	122	60	589,535	385	846
3	Batting and wadding.....	6	31	9	141,336	253	55
4	Carpets, mats and rugs.....	20	123	60	530,688	617	450
5	Clothing, men's factory.....	537	2,505	1,328	10,300,478	7,068	16,921
6	Clothing, women's factory.....	1,108	2,819	1,821	12,440,867	5,637	19,686
7	Clothing contractors, men's.....	139	229	48	616,683	1,093	2,586
8	Clothing contractors, women's.....	100	128	37	345,835	253	1,282
9	Cordage, rope and twine.....	10	113	52	459,620	955	620
10	Corsets.....	39	183	328	1,288,275	242	2,074
11	Cotton and wool waste.....	28	59	30	295,085	193	161
12	Cotton textiles, miscellaneous.....	116	262	138	965,213	431	1,697
13	Cotton thread.....	7	113	64	398,568	178	572
14	Cotton yarn and cloth.....	41	798	533	3,472,978	11,610	7,721
15	Dyeing and finishing of textiles.....	41	220	117	982,316	1,461	390
16	Flax fibre.....	36	50	10	106,490	415	2
17	Gloves and mittens, fabric.....	15	55	26	164,215	99	466
18	Hats and caps.....	171	544	284	2,373,057	2,097	2,662
19	Hosiery and knitted goods.....	247	1,353	1,029	5,852,571	7,444	15,115
20	Linen goods.....	6	18	10	62,867	54	82
21	Miscellaneous textiles.....	16	267	116	1,229,836	1,107	256
22	Narrow fabrics, laces, etc.....	39	187	159	851,064	768	950
23	Oiled and waterproofed clothing.....	15	55	30	248,444	163	313
24	Silk and artificial silk.....	36	872	523	3,782,939	7,474	4,231
25	Woollen cloth.....	100	573	348	2,484,855	4,935	4,057
26	Woollen goods, miscellaneous.....	35	170	84	842,239	1,532	433
27	Woollen yarn.....	53	253	145	897,704	1,896	1,944
	Totals, Textiles and Products	3,082	12,316	7,489	52,363,705	58,904	86,028
4.—Wood and Paper Products							
1	Beekeepers' and poultrymen's supplies.....	12	18	11	36,373	102	33
2	Blueprinting.....	25	34	18	119,017	128	39
3	Boat building.....	196	292	51	463,670	1,413	46
4	Boxes and bags, paper.....	160	1,020	596	4,169,569	5,159	5,200
5	Boxes, wooden.....	188	412	125	1,032,163	3,900	502
6	Carriages, wagons and sleighs.....	62	94	12	136,749	348	1
7	Coffins and caskets.....	53	134	40	345,683	922	164
8	Cooperage.....	66	76	25	182,111	801	14
9	Engraving, stereotyping and electrotyping.....	111	525	292	2,220,333	2,130	728
10	Excelsior.....	9	18	9	43,504	121	22
11	Flooring, hardwood.....	22	97	43	303,780	1,147	34
12	Furniture.....	824	1,999	644	5,582,581	15,168	1,406
13	Lasts, trees and shoe findings.....	19	80	39	214,998	425	228
14	Lithographing.....	48	349	288	2,072,940	1,997	1,062
15	Miscellaneous paper products.....	187	893	569	3,445,552	3,476	2,754
16	Miscellaneous wooden products.....	385	576	151	1,163,264	2,612	676
17	Planing mills, sash and door factories.....	1,078	1,959	424	4,072,002	11,409	220
18	Printing and bookbinding.....	1,406	3,129	1,349	9,350,083	9,842	5,056
19	Printing and publishing.....	775	6,543	3,492	19,567,211	9,473	1,954
20	Pulp and paper.....	113	5,245	1,665	20,959,990	37,262	795
21	Refrigerators, other than electric.....	14	48	20	127,603	307	4
22	Roofing paper, etc.....	21	338	168	1,026,722	1,360	149
23	Sawmills.....	6,001	8,019	547	8,343,488	40,037	749
24	Trade composition.....	39	75	41	300,994	392	14
25	Veneer and plywood.....	34	265	122	999,463	3,690	1,084
26	Woodenware.....	29	47	22	103,718	575	175
27	Wood turning.....	85	165	45	373,424	1,318	248
28	All other industries.....	32	143	70	628,356	1,605	174
	Totals, Wood and Paper Products	11,994	32,593	10,878	87,385,351	157,119	23,531
5.—Iron and its Products—							
1	Agricultural implements.....	51	1,611	707	5,436,844	11,304	244
2	Aircraft.....	16	2,322	925	8,019,265	7,809	349
3	Automobiles.....	9	2,332	995	9,404,030	18,189	131
4	Automobile supplies.....	124	1,617	793	6,056,425	11,058	1,880
5	Bicycles.....	7	82	32	251,290	515	78
6	Boilers, tanks and platework.....	44	746	303	2,598,507	3,891	102
7	Bridge and structural steel.....	25	1,035	281	3,952,510	4,724	51
8	Castings, iron.....	219	1,292	564	4,575,279	14,693	376
9	Hardware, tools and cutlery.....	276	1,540	948	6,010,312	10,784	2,596
10	Heating and cooking apparatus.....	97	688	376	2,509,805	6,478	283
11	Iron and steel products, miscellaneous.....	229	915	292	2,817,018	4,461	433
12	Machinery.....	299	4,231	1,971	14,369,671	19,824	977
13	Machine shops.....	460	950	264	2,552,704	4,110	134
14	Primary iron and steel.....	59	1,814	815	7,413,359	21,373	194

Materials, and Values of Products of Canadian Manufacturing Industries, 1946—con.

Wages	Total Employees	Total Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Value of Products	
					Net	Gross
\$	No.	\$	\$	\$	\$	\$
1,228,955	1,364	1,868,902	49,449	3,804,588	3,236,348	7,090,385
1,353,338	1,413	1,942,873	71,257	22,026,290	6,043,937	28,141,484
475,139	348	616,475	56,349	2,210,547	1,280,979	3,547,875
1,517,691	1,250	2,048,379	123,658	2,940,500	3,396,304	6,460,462
27,814,354	27,822	38,114,832	453,119	83,033,566	69,220,286	152,706,971
32,544,311	29,963	44,985,178	396,314	91,138,141	82,818,768	174,353,223
4,045,815	3,906	4,662,498	83,111	392,652	5,595,226	6,070,989
1,666,192	1,700	2,012,027	27,085	170,924	2,651,827	2,849,836
2,209,616	1,740	2,669,236	170,710	8,058,127	5,641,043	13,869,880
2,000,792	2,827	3,289,067	34,645	5,111,692	6,969,249	12,115,586
421,850	443	716,935	61,824	4,524,851	1,410,669	5,997,344
2,120,157	2,528	3,085,370	54,406	9,591,190	5,860,162	15,505,758
745,715	927	1,144,283	76,343	3,460,966	2,405,268	5,942,577
25,617,365	20,662	29,090,343	2,850,753	62,495,630	44,473,067	109,823,067
2,427,073	2,188	3,409,389	630,598	1,790,674	6,785,972	9,207,244
457,722	477	564,212	57,630		1,677,076	1,734,706
473,665	646	637,880	12,864	1,082,980	1,076,787	2,172,631
6,177,965	5,587	8,551,022	213,009	14,906,436	14,414,005	29,533,450
24,357,936	24,941	30,210,507	1,256,400	47,270,879	56,681,420	105,208,699
139,391	164	202,258	8,496	644,632	380,740	1,033,868
2,141,858	1,746	3,371,694	318,552	7,493,530	8,116,435	15,928,517
1,899,876	2,064	2,750,940	111,301	4,076,488	4,999,225	9,187,014
565,089	561	813,533	19,235	2,040,637	1,512,264	3,572,136
15,107,182	13,100	18,890,121	1,870,932	24,099,473	39,550,662	65,521,067
11,182,029	9,913	13,666,884	1,041,587	30,877,156	24,959,837	56,878,560
2,768,237	2,219	3,610,476	299,957	11,091,344	7,789,629	19,180,926
4,195,305	4,238	5,093,009	372,473	15,330,348	9,316,484	25,019,305
175,654,618	164,737	228,018,323	10,731,057	459,664,221	418,263,665	888,658,943
123,326	164	159,699	9,479	240,348	389,390	639,217
202,490	219	321,507	13,525	242,727	602,967	859,219
1,901,288	1,802	2,364,958	77,694	1,821,648	3,006,917	4,906,259
12,307,088	11,975	16,476,657	572,080	41,169,182	32,759,600	74,500,862
5,162,129	4,939	6,194,292	295,790	10,420,131	9,548,831	20,264,752
454,891	455	591,640	29,231	685,504	839,707	1,554,442
1,323,957	1,260	1,669,640	72,746	2,047,593	2,648,068	4,768,407
1,118,532	916	1,300,643	77,856	3,378,943	2,084,040	5,540,839
5,795,338	3,675	8,015,671	161,454	2,800,884	12,842,983	15,805,321
161,798	170	205,302	16,199	233,037	332,689	581,925
1,486,967	1,321	1,790,747	122,790	4,177,925	3,382,758	7,683,473
22,631,312	19,217	28,213,893	974,661	34,719,631	42,546,833	78,241,125
764,333	772	979,331	35,790	921,770	1,419,482	2,377,042
4,903,648	3,696	6,976,588	124,807	8,656,438	12,328,808	21,110,053
8,281,360	7,692	11,726,912	585,804	35,260,304	28,448,857	64,294,965
3,885,942	4,015	5,049,206	221,087	6,959,966	8,340,548	15,521,601
15,556,777	14,012	19,628,779	994,475	47,501,520	31,424,769	79,920,764
20,869,556	19,376	30,219,639	735,824	29,038,267	48,873,014	78,647,105
20,279,097	21,462	39,846,308	1,037,902	24,578,088	78,689,074	104,305,064
80,404,646	44,967	101,364,636	46,202,000	223,448,338	258,164,578	527,814,916
498,998	379	617,601	17,523	708,228	1,176,462	1,902,213
2,243,023	2,015	3,269,745	405,703	11,577,563	10,801,868	22,785,134
55,467,772	49,352	63,811,260	2,394,138	156,107,527	129,408,392	287,910,057
753,173	522	1,054,167	21,695	185,294	1,614,885	1,821,874
6,905,902	5,161	7,905,365	366,192	12,829,383	15,672,104	28,867,679
798,674	819	902,392	26,887	792,543	1,163,909	1,983,339
1,678,275	1,776	2,051,709	72,755	2,498,066	3,024,910	5,595,731
2,712,919	1,992	3,341,275	371,539	16,342,637	7,518,568	24,232,744
278,661,211	224,121	366,049,562	56,037,626	679,343,485	749,055,011	1,484,436,122
20,038,264	13,866	25,475,108	1,162,059	32,852,259	29,224,224	63,238,542
16,439,820	11,405	24,459,085	787,180	6,708,468	28,715,258	36,210,906
34,564,742	21,647	43,968,772	1,969,064	135,556,183	55,914,441	193,439,688
21,752,193	15,348	27,808,618	1,659,068	43,519,483	48,250,348	93,428,899
965,872	707	1,217,162	74,132	1,225,538	1,886,704	3,686,374
7,376,037	5,042	9,974,544	511,512	9,791,634	16,407,706	26,710,902
8,872,880	6,091	12,825,390	639,503	18,896,434	20,586,758	40,122,695
26,806,656	16,925	31,381,935	2,346,480	27,446,850	52,484,740	82,278,070
21,248,984	15,868	27,259,296	1,320,846	22,823,598	48,915,105	73,059,549
10,517,799	7,825	13,027,604	611,497	13,098,796	22,269,456	35,979,749
7,644,343	6,101	10,461,361	1,115,823	11,978,947	15,274,720	28,369,490
35,877,153	27,003	50,246,824	1,845,981	50,760,795	93,031,472	145,638,248
7,142,138	5,458	9,694,842	383,174	6,343,787	13,725,661	20,452,712
43,102,538	24,196	50,515,897	13,032,123	68,468,433	71,582,060	153,082,616

10.—Statistics of the Establishments, Employees, Salaries and Wages, Power, Fuel,

Industry and Group		Estab- lish- ments	Employees on Salary			Employees on		
			Male		Female	Salaries	Male	Female
			No.	No.	No.	\$	No.	No.
Iron and its Products—concluded								
15	Railway rolling-stock.....	37	1,772	274	5,352,124	26,386	121	
16	Sheet metal products.....	230	1,809	834	5,962,177	11,654	2,561	
17	Shipbuilding and repairs.....	79	1,430	498	5,120,743	18,141	177	
18	Wire and wire goods.....	97	737	375	2,769,133	4,368	660	
Totals, Iron and its Products.....		2,358	26,923	11,247	95,171,196	199,762	11,347	
6.—Non-Ferrous Metal Products—								
1	Aluminum products.....	53	623	256	2,086,855	3,584	397	
2	Brass and copper products.....	162	1,160	596	4,572,900	7,151	1,345	
3	Electrical apparatus and supplies.....	266	6,615	3,483	22,888,463	22,555	11,345	
4	Jewellery, electro-plated ware, etc.....	172	580	401	2,448,754	3,628	2,082	
5	Miscellaneous non-ferrous metal products.....	25	130	103	559,887	552	307	
6	Non-ferrous metal smelting and refining.....	15	1,800	438	6,277,577	12,239	69	
7	White metal alloys.....	47	389	208	1,361,843	2,045	772	
Totals, Non-Ferrous Metal Products.....		740	11,297	5,485	40,196,279	51,754	16,317	
7.—Non-Metallic Mineral Products—								
1	Abrasive products.....	15	277	161	988,241	1,836	135	
2	Asbestos products.....	12	141	49	418,797	665	110	
3	Cement.....	8	97	8	246,992	1,400	19	
4	Cement products.....	262	420	63	799,389	2,051	18	
5	Clay products from domestic clay.....	119	138	41	385,133	2,987	271	
6	Clay products from imported clay.....	32	139	71	450,709	1,222	481	
7	Coke and gas products.....	34	822	374	2,499,013	3,764	1	
8	Glass products.....	114	565	279	1,791,572	3,925	1,152	
9	Gypsum products.....	10	78	15	243,967	772	40	
10	Lime.....	41	49	11	132,431	850	8	
11	Misc. non-metallic mineral products.....	59	199	82	672,369	1,011	163	
12	Petroleum products.....	43	1,091	225	3,558,771	5,749	80	
13	Salt.....	9	43	26	207,532	577	67	
14	Sand-lime brick.....	5	10	1	34,842	118	5	
15	Stone, monumental and ornamental.....	147	278	53	656,757	1,192	18	
Totals, Non-Metallic Mineral Products.....		910	4,347	1,459	13,086,515	28,119	2,568	
8.—Chemicals and allied products—								
1	Acids, alkalies and salts.....	29	680	167	2,435,625	4,427	64	
2	Adhesives.....	22	113	62	433,408	455	44	
3	Coal tar distillation.....	11	64	22	207,022	315	9	
4	Fertilizers.....	29	415	121	1,393,523	2,253	16	
5	Gases, compressed.....	42	286	205	916,070	569	4	
6	Inks, printing and writing.....	30	132	70	577,945	396	55	
7	Medicinal and pharmaceutical preparations.....	201	1,410	1,192	6,412,825	2,314	2,754	
8	Miscellaneous chemical products.....	184	664	305	2,298,103	2,364	996	
9	Paints, pigments and varnishes.....	98	1,101	568	3,688,617	2,850	487	
10	Plastics.....	78	355	175	1,177,487	1,654	1,035	
11	Polishes and dressings.....	48	149	125	562,080	247	205	
12	Soaps, washing compounds, etc.....	150	739	396	2,608,182	1,608	476	
13	Toilet preparations.....	91	257	315	1,337,028	468	955	
14	Wood distillation.....	4	8	5	24,815	157	—	
Totals, Chemicals and Allied Products.....		1,017	6,373	3,728	24,072,730	20,077	7,100	
9.—Miscellaneous Industries—								
1	Artificial flowers and feathers.....	35	55	44	224,873	141	509	
2	Automobile accessories, fabric.....	9	73	39	298,917	240	230	
3	Brooms, brushes and mops.....	88	312	194	1,008,819	1,316	750	
4	Buttons.....	18	104	35	406,891	482	365	
5	Candles.....	12	41	31	175,700	94	91	
6	Fountain pens and pencils.....	10	160	160	586,791	479	663	
7	Ice, artificial.....	55	88	35	233,010	635	19	
8	Lamps, electric, etc. and lamp shades.....	35	84	46	271,072	382	402	
9	Mattresses and springs.....	77	336	148	1,466,708	2,418	583	
10	Miscellaneous, including jewellery cases, etc.....	11	38	31	126,235	181	190	
11	Musical instruments.....	25	103	49	316,582	798	68	
12	Pipes, tobacco.....	6	9	1	11,771	37	5	
13	Scientific and professional equipment.....	45	318	227	1,375,326	1,054	627	
14	Signs, electric, neon and other.....	35	143	47	503,079	639	18	
15	Sporting goods.....	41	164	70	462,769	665	425	
16	Stamps and stencils, rubber and metal.....	45	112	49	346,870	351	64	
17	Statuary, art goods and novelties.....	93	179	75	468,082	430	496	
18	Toys and toy equipment.....	50	105	63	350,729	483	805	
19	Typewriter supplies.....	8	68	32	284,942	151	83	
20	Umbrellas.....	6	27	9	80,990	27	81	
Totals, Miscellaneous Industries.....		704	2,519	1,385	9,000,156	11,003	6,474	
Grand Totals, All Industries.....		31,249	127,002	54,004	410,875,776	662,699	214,451	

Materials, and Values of Products of Canadian Manufacturing Industries, 1946—conc.

Wages	Total Employees	Total Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Value of Products	
					Net	Gross
\$	No.	\$	\$	\$	\$	\$
52,463,721	28,553	57,815,845	3,567,097	83,937,365	74,655,059	162,159,521
21,612,106	16,858	27,574,283	1,419,454	62,991,981	51,288,120	115,699,555
35,854,988	20,246	40,975,731	1,400,316	25,915,348	64,535,796	91,851,490
8,361,553	6,140	11,130,686	893,986	12,528,160	26,711,743	40,133,889
380,641,787	249,279	475,812,983	34,739,295	635,344,199	735,459,371	1,405,542,865
6,872,591	4,860	8,959,446	834,431	17,113,209	15,627,841	33,575,481
13,852,824	10,252	18,425,724	1,193,680	39,983,930	30,874,312	72,056,922
51,622,016	43,998	74,510,479	2,664,455	101,939,272	129,968,926	234,572,653
8,058,551	6,691	10,507,305	244,177	22,873,016	18,411,485	41,528,678
1,154,852	1,092	1,714,739	47,722	2,396,691	4,165,528	6,609,941
24,370,784	14,546	30,648,361	22,287,572	212,865,030	69,565,922	304,718,524
4,238,281	3,414	5,600,124	430,560	15,851,099	9,847,248	26,128,907
110,169,899	84,853	150,366,178	27,707,597	413,022,247	278,461,262	719,191,106
3,941,207	2,409	4,929,448	2,106,329	8,425,629	14,912,438	25,444,396
1,112,905	965	1,531,702	238,650	2,953,823	3,216,643	6,409,116
2,682,028	1,524	2,929,020	4,487,496	4,306,467	12,930,058	21,724,021
2,905,954	2,552	3,705,343	502,229	5,719,815	7,753,355	13,975,399
4,730,829	3,437	5,115,962	2,365,552	278,125	9,563,690	12,207,367
2,419,834	1,913	2,870,543	440,771	1,674,391	4,958,209	7,073,371
6,849,200	4,961	9,348,213	6,274,170	34,709,159	21,599,146	62,582,475
7,486,788	5,921	9,278,360	1,863,561	10,583,240	15,158,454	27,605,255
1,054,726	905	1,298,693	412,031	4,076,812	4,266,247	8,755,090
1,484,408	918	1,616,839	1,955,428	4,556,613	4,910,127	7,322,168
1,904,577	1,455	2,576,946	617,074	7,371,299	7,775,576	15,764,129
11,290,370	7,145	14,849,141	10,159,025	155,818,744	57,447,611	223,425,380
711,034	713	918,566	597,112	993,304	2,890,422	4,480,839
201,724	134	236,566	47,651	211,920	392,210	651,781
1,986,541	1,541	2,643,298	293,538	2,906,528	5,863,829	9,063,895
50,762,125	36,493	63,848,640	32,360,617	240,485,869	173,638,196	446,484,682
8,723,374	5,338	11,158,999	6,431,503	14,650,883	26,219,014	47,301,400
789,624	674	1,223,032	222,384	3,749,579	2,812,350	6,784,313
533,597	410	740,619	341,482	3,116,167	2,052,078	5,509,727
4,536,273	2,805	5,929,796	3,232,099	22,865,328	23,895,016	49,992,443
1,045,423	1,064	1,961,493	314,524	1,258,423	6,735,081	8,308,028
752,152	653	1,330,097	59,062	2,770,760	3,414,826	6,244,648
6,419,348	7,670	12,832,173	440,585	23,163,222	43,446,027	67,049,834
4,977,322	4,329	7,275,425	709,963	17,844,679	19,623,418	38,178,060
5,158,789	5,006	8,847,406	466,512	28,733,401	27,529,707	50,729,620
3,786,558	3,219	4,964,045	317,770	8,465,878	12,456,492	21,240,140
534,114	726	1,096,194	39,851	5,258,115	4,260,364	9,558,330
3,605,399	3,219	6,213,581	645,786	19,268,952	18,360,080	38,274,818
1,392,339	1,995	2,729,367	53,492	7,622,735	12,440,886	20,117,113
211,490	170	236,305	65,459	540,228	394,103	999,790
42,465,802	37,278	66,538,532	13,340,472	159,308,350	203,639,442	376,288,264
602,944	749	827,817	10,269	867,783	1,440,324	2,318,376
597,037	582	895,954	24,563	1,337,302	1,528,897	2,890,762
2,467,040	2,572	3,475,859	111,796	7,332,183	6,286,134	13,730,113
1,061,776	986	1,468,667	59,309	1,757,419	2,480,099	4,296,827
176,036	257	351,736	20,536	804,526	873,921	1,698,983
1,376,454	1,462	1,963,245	36,836	4,223,043	5,696,637	9,956,516
1,045,924	777	1,278,934	320,274	147,996	3,542,191	4,010,461
866,732	914	1,137,804	26,467	2,129,128	2,137,497	4,293,092
4,482,840	3,485	5,949,548	211,053	14,979,041	12,027,749	27,217,843
407,404	440	533,639	14,104	618,186	812,196	1,444,486
1,155,086	1,018	1,471,668	69,826	1,095,670	2,158,867	3,324,363
48,855	52	60,626	1,880	37,987	79,003	118,870
2,694,758	2,226	4,070,084	145,030	5,979,164	8,260,375	14,384,569
1,113,066	847	1,616,145	80,529	838,754	2,785,255	3,704,538
1,205,773	1,324	1,668,542	56,200	2,315,917	2,477,094	4,849,211
586,931	576	933,801	19,204	493,215	1,563,289	2,075,708
941,253	1,180	1,409,335	25,134	1,334,889	2,068,783	3,428,806
1,886,267	1,456	1,736,996	56,817	2,224,510	3,327,996	5,609,323
335,332	334	620,274	18,432	1,442,410	1,261,401	2,722,243
89,854	144	170,844	1,662	428,407	437,441	867,510
22,641,362	21,381	31,641,518	1,309,921	50,387,530	61,245,149	112,942,600
1,329,811,478	1,058,156	1,740,687,254	210,452,725	4,358,234,766	3,467,004,980	8,935,692,471

Subsection 2.—Manufactures Classified on the Standard Classification Basis

During the war many government departments and agencies collected and compiled statistics needed by them in the administration of their respective fields. Inevitably each one adopted a system of classification best suited to his needs. The result was that many statistical series were compiled, but due to differences in classification, none of these series could be correlated or utilized for any purpose other than that originally intended.

In order to provide information of maximum usefulness and to allow for a direct comparison of the different series, an interdepartmental committee was set up to review the different systems of classification in use by the different departments and to recommend a standard classification which might in future be used by all government departments in their statistical compilations.

The table which follows gives a break-down for 1945 and 1946 of the manufacturing industries on the basis of the standard classification recommended by this committee. The new standard classification also conforms in large measure to the classification of industry being currently recommended by the United Nations Statistical Commission.

11.—Principal Statistics of the Manufacturing Industries of Canada, 1945 and 1946, Classified on the Standard Classification Basis

Main Groups	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Value of Products	
					Net	Gross
	No.	No.	\$	\$	\$	\$
1945						
Canada	29,050	1,119,372	1,845,773,449	4,473,668,847	3,564,315,899	8,250,368,866
Food and beverages.....	8,872	156,396	224,908,882	1,336,820,028	558,247,045	1,921,774,601
Tobacco and tobacco products.....	86	12,164	15,738,041	79,176,519	42,985,992	122,543,932
Rubber products.....	55	23,490	39,111,477	78,500,892	98,836,225	181,413,226
Leather products.....	706	34,123	43,268,635	95,006,015	71,297,713	167,888,463
Textile products (except clothing).....	655	65,388	87,454,497	213,589,559	163,973,427	385,741,605
Clothing (textile and fur).....	2,676	99,959	131,478,496	251,899,847	222,307,384	476,754,319
Wood products.....	7,656	93,209	119,833,932	240,482,275	208,979,657	454,447,165
Paper products.....	475	60,819	109,627,174	255,265,326	241,121,150	536,859,861
Printing, publishing and allied trades.....	2,312	43,565	74,257,775	52,655,848	132,385,988	186,945,134
Iron and steel products.....	1,903	169,278	313,966,173	395,624,098	527,473,688	952,482,150
Transportation equipment.....	504	154,844	326,748,794	498,241,686	523,910,119	1,034,666,913
Non-ferrous metal products.....	436	44,221	81,889,942	337,872,041	180,653,076	548,853,026
Electrical apparatus and sup- plies.....	247	44,129	76,468,795	92,041,030	135,919,899	230,531,874
Non-metallic mineral prod- ucts.....	700	20,269	32,959,877	41,488,955	76,318,456	130,704,796
Products of petroleum and coal.....	80	11,532	22,904,418	188,899,911	65,637,131	270,166,984
Chemical products.....	986	61,339	107,050,824	228,855,956	252,944,165	498,630,798
Miscellaneous manufacturing industries.....	701	24,647	38,105,717	87,248,861	61,324,784	149,964,019
1946						
Canada	31,249	1,058,156	1,740,687,254	4,358,234,766	3,467,004,950	8,035,692,471
Food and beverages.....	8,862	160,821	241,769,865	1,408,818,069	604,120,647	2,040,708,650
Tobacco and tobacco products.....	95	10,849	14,410,558	79,255,405	39,981,625	119,634,216
Rubber products.....	60	22,055	37,813,363	62,135,578	93,451,248	159,408,113
Leather products.....	776	37,290	49,712,628	108,702,945	82,319,495	192,749,456
Textile products (except clothing).....	711	66,784	94,741,779	214,516,314	177,323,833	400,075,422
Clothing (textile and fur).....	2,988	105,868	146,265,152	285,568,957	263,018,398	551,331,576
Wood products.....	8,846	105,472	142,338,538	297,923,979	256,436,946	560,341,251
Paper products.....	486	67,442	134,320,546	313,410,656	333,819,710	695,085,534

**11.—Principal Statistics of the Manufacturing Industries of Canada, 1945, and 1946,
Classified on the Standard Classification Basis—continued**

Group and Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Value of Products	
					Net	Gross
	No.	No.	\$	\$	\$	\$
1946						
Canada—concluded						
Printing, publishing and allied trades.....	2,404	48,950	86,433,880	65,501,695	154,951,731	222,548,636
Iron and steel products.....	2,086	151,373	279,567,770	337,981,814	461,501,765	824,766,017
Transportation equipment.....	539	100,745	200,097,765	301,206,839	279,333,127	590,128,311
Non-ferrous metal products.....	474	40,855	75,855,699	311,082,975	148,492,336	484,618,453
Electrical apparatus and supplies.....	266	43,998	74,510,479	101,939,272	129,968,926	234,572,653
Non-metallic mineral products.....	833	24,387	39,651,286	49,957,966	94,591,439	160,476,827
Products of petroleum and coal.....	77	12,106	24,197,354	190,527,903	79,046,757	286,007,855
Chemical products.....	1,031	38,012	67,842,339	179,749,719	208,399,498	401,741,703
Miscellaneous manufacturing industries.....	715	21,149	31,158,253	49,954,677	60,247,499	111,497,798
1946 D. TAIL						
Food and Beverages.....	8,862	160,821	241,769,865	1,408,818,069	604,120,647	2,040,708,650
Meat Products.....	229	23,283	41,390,200	412,917,033	67,164,333	483,289,113
Animal oils and fats.....	8	148	282,372	639,978	467,612	1,179,080
Sausage and sausage casings	74	599	794,803	4,243,599	1,827,882	6,156,879
Slaughtering and meat-packing.....	147	22,536	40,313,025	408,033,456	64,868,839	475,953,154
Dairy Products.....	2,300	22,679	33,213,903	218,284,499	68,101,014	291,799,884
Butter and cheese.....	2,161	19,659	28,668,241	177,638,517	52,761,041	234,664,461
Cheese, processed.....	23	882	1,282,349	11,666,968	4,435,512	16,167,878
Condensed milk.....	31	1,466	2,287,444	26,082,614	8,620,642	35,641,045
Other dairy products.....	85	672	975,869	2,896,400	2,283,819	5,326,500
Fruit, Vegetable and Fish Processing.....	1,099	27,700	32,968,587	151,446,974	81,765,125	236,205,429
Fish curing and packing.....	586	11,327	13,799,809	68,012,828	31,084,775	100,201,291
Fruit and vegetable preparations.....	513	16,373	19,168,778	83,434,146	50,680,350	136,004,138
Grain Mill Products.....	1,232	13,163	21,368,796	300,418,451	55,585,383	359,208,850
Flour and feed mills.....	974	8,036	12,898,160	224,233,698	34,191,283	260,659,451
Foods, breakfast.....	23	1,156	2,062,310	7,535,527	7,186,162	14,955,222
Feeds, stock and poultry.....	235	3,971	6,408,326	68,649,226	14,207,938	83,594,177
Bakery Products.....	2,901	35,514	49,196,458	86,047,664	91,295,361	182,278,989
Biscuits and crackers.....	37	5,061	6,209,257	15,161,125	18,314,617	33,916,461
Bread and other bakery products.....	2,864	30,453	42,987,201	70,886,539	72,980,744	148,362,528
Beverages.....	564	18,586	34,441,663	64,942,116	161,427,823	230,280,015
Aerated and mineral waters	456	5,040	8,150,758	14,872,546	27,332,922	43,048,680
Distilleries.....	18	4,075	7,122,533	21,437,733	44,326,434	67,119,358
Breweries.....	61	8,644	17,743,749	23,416,499	84,270,490	109,299,587
Wine.....	29	827	1,424,623	5,215,338	5,497,977	10,812,390
Miscellaneous Foods.....	537	19,896	29,190,258	174,761,332	78,781,608	257,646,370
Confectionery, cocoa, etc.....	200	7,982	10,442,233	28,821,548	23,266,628	52,797,998
Sugar refineries.....	11	2,633	5,010,789	45,900,913	13,748,222	61,181,621
Malt mills.....	11	563	1,145,947	9,500,127	5,534,724	15,665,698
Macaroni, vermicelli, etc.....	17	726	1,018,802	2,888,739	2,252,412	5,246,935
Starch and glucose.....	10	1,027	1,649,708	6,943,428	3,015,462	10,478,106
Miscellaneous food industries.....	286	6,893	9,758,181	78,782,164	30,670,894	110,051,938
Salt (See Non-metallic minerals).						
All other industries.....	2	72	164,598	1,924,413	293,266	2,224,074
Tobacco and Tobacco Products.....	95	10,849	14,410,558	79,255,405	39,981,625	119,634,216
Tobacco, cigars and cigarettes	78	9,532	12,711,360	45,455,773	36,048,133	81,799,967
Tobacco processing.....	17	1,317	1,699,198	33,799,632	3,933,492	37,834,249
Rubber Products.....	60	22,055	37,813,363	62,135,578	93,451,248	159,408,113
Rubber goods including footwear.....	60	22,055	37,813,363	62,135,578	93,451,248	159,408,113
Leather Products.....	776	37,290	49,712,628	108,702,945	82,319,495	192,749,456
Boots and shoes, leather.....	294	22,334	29,023,596	52,340,814	43,612,607	96,435,251
Boots and shoe findings, leather.....	25	718	1,063,766	1,520,992	1,733,628	3,380,936

11.—Principal Statistics of the Manufacturing Industries of Canada, 1945, and 1946,
Classified on the Standard Classification Basis—continued

Group and Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Value of Products	
					Net	Gross
	No.	No.	\$	\$	\$	\$
Leather Products—concluded						
Gloves and mittens, leather..	84	3,067	3,186,335	5,711,362	5,012,729	10,767,299
Belting, leather.....	15	254	405,931	1,173,094	730,580	1,919,439
Leather tanneries.....	78	5,400	9,224,329	35,658,320	20,401,700	56,998,751
Miscellaneous leather goods..	280	5,517	6,808,671	12,298,363	10,828,251	23,247,780
Textile Products (except clothing).....	711	66,784	94,741,779	214,516,314	177,323,833	400,075,422
Cotton Goods.....	198	24,908	34,653,406	82,283,184	55,430,145	140,822,004
Cotton thread.....	7	927	1,144,283	3,460,966	2,405,268	5,942,577
Cotton yarn and cloth.....	41	20,662	29,090,343	62,495,630	44,473,067	109,828,450
Cotton batting and wadding	6	348	616,475	2,210,547	1,280,979	3,547,875
Cotton and wool waste.....	28	443	716,935	4,524,851	1,410,669	5,997,344
Cotton goods, not elsewhere spec.....	116	2,528	3,085,370	9,591,190	5,860,162	15,505,758
Woollen Goods.....	208	17,620	24,418,748	60,239,328	45,462,250	107,539,253
Woollen cloth.....	100	9,913	13,666,884	30,877,136	24,959,837	56,878,560
Woollen yarn.....	53	4,238	5,093,009	15,330,348	9,316,484	25,019,305
Woollen goods, not else- where spec.....	35	2,219	3,610,476	11,091,344	7,789,625	19,180,926
Carpets, mats and rugs.....	20	1,250	2,048,379	2,940,500	3,396,304	6,460,462
Silk and Artificial Silk.....	36	13,100	18,890,121	24,099,473	39,550,662	65,521,067
Silk and artificial silk goods	36	13,100	18,890,121	24,099,473	39,550,662	65,521,067
Other Primary Textiles.....	80	4,252	6,160,329	5,867,162	11,785,197	18,394,258
Dyeing and finishing of textiles.....	41	2,188	3,409,389	1,790,674	6,785,972	9,207,244
Narrow fabrics.....	39	2,064	2,750,940	4,076,488	4,999,225	9,187,014
Miscellaneous Textile Prod- ucts.....	189	6,904	10,619,175	42,027,167	25,095,579	67,798,840
Awnings, tents and sails....	90	1,364	1,868,902	3,804,588	3,236,348	7,090,385
Cordage, rope and twine....	10	1,740	2,669,236	8,058,127	5,641,043	13,869,880
Cotton and jute bags.....	31	1,413	1,942,873	22,026,290	6,043,937	28,141,484
Flax fibre.....	36	477	564,212		1,677,076	1,734,706
Linen goods.....	6	164	202,258	644,632	380,740	1,033,868
Miscellaneous textiles.....	16	1,746	3,371,694	7,493,530	8,116,435	15,928,517
Clothing (Textile and Fur)...	2,988	105,868	146,265,152	285,568,957	263,018,398	551,331,576
Men's, Women's & Child- ren's Clothing.....	1,884	63,391	89,774,535	174,735,283	160,286,107	335,981,019
Clothing, men's factory....	537	27,822	38,114,832	83,033,566	69,220,286	152,706,971
Clothing, women's factory..	1,108	29,963	44,985,178	91,138,141	82,818,768	174,353,223
Clothing contractors, men's	139	3,906	4,662,498	392,652	5,595,226	6,070,989
Clothing contractors, women's.....	100	1,700	2,012,027	170,924	2,651,827	2,849,836
Knitted Goods.....	247	24,941	30,210,507	47,270,879	56,681,420	105,208,699
Hosiery and knitted goods..	247	24,941	30,210,507	47,270,879	56,681,420	105,208,699
Miscellaneous Clothing....	857	17,536	26,280,110	63,562,795	46,050,871	110,141,858
Corsets.....	39	2,827	3,289,067	5,111,692	6,969,249	12,115,586
Fur goods.....	593	6,264	10,512,674	39,394,072	18,195,296	57,737,516
Fur dressing and dyeing....	24	1,651	2,475,934	1,026,978	3,883,270	5,010,539
Hats and caps.....	171	5,587	8,551,022	14,906,436	14,414,005	29,535,450
Oiled and waterproofed clothing.....	15	561	813,533	2,040,637	1,512,264	3,572,136
Gloves and mittens, fabric..	15	646	637,880	1,082,980	1,076,787	2,172,631
Wood Products.....	8,846	105,472	142,338,538	297,923,979	256,436,946	560,341,251
Saw and Planing Mills.....	7,135	69,846	93,136,151	220,616,355	179,888,023	404,381,973
Flooring, hardwood.....	22	1,321	1,790,747	4,177,925	3,382,758	7,683,473
Veneer and plywood.....	34	5,161	7,905,365	12,829,383	15,672,104	28,867,679
Planing mills, sash and door factories.....	1,078	14,012	19,628,779	47,501,520	31,424,769	79,926,764
Sawmills.....	6,001	49,352	63,811,260	156,107,527	129,408,392	287,910,057
Furniture.....	824	19,217	28,213,893	34,719,631	42,546,833	78,241,125
Furniture.....	824	19,217	28,213,893	34,719,631	42,546,833	78,241,125

**11.—Principal Statistics of the Manufacturing Industries of Canada, 1945, and 1946,
Classified on the Standard Classification Basis—continued**

Group and Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Value of Products	
	Net	Gross				
Wood Products—concluded	No.	No.	\$	\$	\$	\$
Miscellaneous wood products	887	16,409	20,988,494	42,587,993	34,002,090	77,718,153
Boxes and baskets, wooden	188	4,939	6,194,292	10,420,131	9,548,831	20,264,752
Coffins and caskets	53	1,260	1,669,640	2,047,593	2,648,068	4,768,407
Beekeepers' and poultrymen's supplies	12	164	159,699	240,348	389,390	639,217
Excelsior	9	170	205,302	233,037	332,689	581,925
Lasts, trees and other wooden shoe findings	19	772	979,331	921,770	1,419,482	2,377,042
Cooperage	66	916	1,300,643	3,378,943	2,084,040	5,540,839
Refrigerators, non-electric	14	379	617,601	708,228	1,176,462	1,902,213
Woodenware	29	819	902,392	792,543	1,163,909	1,983,339
Wood turning	85	1,776	2,051,709	2,498,066	3,024,910	5,595,731
Misc. wood products incl. charcoal and wood preservation	412	5,214	6,907,885	21,347,334	12,214,309	34,064,688
Paper Products	456	67,442	134,320,546	313,410,656	333,819,710	695,085,534
Boxes and bags, paper	160	11,975	16,476,657	41,169,182	32,759,600	74,500,862
Pulp and paper	113	44,967	101,364,636	223,448,338	258,164,578	527,814,916
Roofing paper, wallboard, etc.	21	2,015	3,269,745	11,577,563	10,801,868	22,785,134
Miscellaneous paper products, incl. wall paper	192	8,485	13,209,508	37,215,573	32,093,664	69,984,622
Printing, Publishing and Allied Trades	2,404	48,950	86,433,880	65,501,698	154,951,731	222,548,636
Printing and bookbinding	1,406	19,376	30,219,639	29,038,267	48,873,014	78,647,105
Blue printing	25	219	321,507	242,727	602,967	859,219
Trade composition	39	522	1,054,167	185,294	1,614,885	1,821,874
Printing and publishing	775	21,462	39,846,308	24,578,088	78,689,074	104,305,064
Engraving stereotyping and electrotyping	111	3,675	8,015,671	2,800,884	12,842,983	15,805,321
Lithographing	48	3,696	6,976,588	8,656,438	12,328,808	21,110,053
Iron and Steel Products	2,086	151,373	279,567,770	337,981,814	461,501,765	824,766,017
Agricultural implements	51	13,866	25,475,108	32,852,259	29,224,224	63,238,542
Boilers and plate work	44	5,042	9,974,544	9,791,684	16,407,706	26,710,902
Bridge and other structural shapes	25	6,091	12,825,390	18,896,434	20,586,758	40,122,695
Hardware tools and cutlery	276	15,868	27,259,296	22,823,598	48,915,105	73,059,549
Heating and cooking apparatus	97	7,825	13,027,604	13,098,796	22,269,456	35,979,749
Machinery	299	27,003	50,246,824	50,790,795	93,031,472	145,638,248
Castings, iron	219	16,925	31,381,935	27,446,850	52,484,740	82,278,070
Machine shops	460	5,458	9,694,842	6,343,877	13,725,661	20,452,712
Primary iron and steel	59	24,196	50,515,897	68,468,433	71,582,060	153,082,616
Sheet metal products	230	16,858	27,574,283	62,991,981	51,288,120	115,699,555
Wire and wire goods	97	6,140	11,130,686	12,528,160	26,711,743	40,133,889
Miscellaneous iron products	229	6,101	10,461,361	11,978,947	15,274,720	28,369,490
Transportation Equipment	539	100,745	200,097,765	301,206,839	279,333,127	590,128,311
Aircraft	16	11,405	24,459,085	6,708,468	28,715,258	36,210,906
Bicycles	7	707	1,217,162	1,725,538	1,886,704	3,686,374
Boats and canoes	196	1,802	2,364,958	1,821,648	3,006,917	4,906,259
Automobiles	9	21,647	43,968,772	135,556,183	55,914,441	193,439,688
Automobile parts and accessories	124	15,348	27,808,618	43,519,483	48,250,348	93,428,899
Railway rolling-stock	37	28,553	57,815,845	83,937,365	74,655,059	162,159,521
Shipbuilding and repairs	79	20,246	40,975,731	25,915,348	64,535,796	91,851,460
Carriages, wagons and sleighs	62	455	591,640	685,504	839,707	1,554,442
Automobile accessories, fabric	9	582	895,954	1,337,302	1,528,897	2,890,762
Non-Ferrous Metal Products	474	40,855	75,855,699	311,082,975	148,492,336	484,618,453
Aluminum products	53	4,860	8,959,446	17,113,209	15,627,841	33,575,481
Brass and copper products	162	10,252	18,425,724	39,983,930	30,874,312	72,056,922
Jewellery, electro-plated ware, etc.	172	6,691	10,507,305	22,873,016	18,411,485	41,528,678
Non-ferrous metal smelting and refining	15	14,546	30,648,361	212,865,030	69,565,922	304,718,524
White metal alloys	47	3,414	5,600,124	15,851,099	9,847,248	26,128,907
Miscellaneous non-ferrous metal products	25	1,092	1,714,739	2,396,691	4,165,528	6,609,941

11.—Principal Statistics of the Manufacturing Industries of Canada, 1945, and 1946, Classified on the Standard Classification Basis—continued

Group and Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Value of Products	
					Net	Gross
	No.	No.	\$	\$	\$	\$
Electrical Apparatus and Supplies	266	43,998	74,510,479	101,939,272	129,968,926	234,572,653
Electrical apparatus and supplies.....	266	43,998	74,510,479	101,939,272	129,968,926	234,572,653
Non-Metallic Mineral Products	833	24,387	39,651,286	49,957,966	94,591,439	160,476,827
Abrasive products.....	15	2,409	4,929,448	8,425,629	14,912,438	25,444,396
Asbestos products.....	12	965	1,531,702	2,953,823	3,216,643	6,409,116
Cement.....	8	1,524	2,929,020	4,306,467	12,930,058	21,724,021
Cement products.....	262	2,552	3,705,343	5,719,815	7,753,355	13,975,399
Clay products:—						
Clay products, domestic...	119	3,437	5,115,962	278,125	9,563,690	12,207,367
Clay products, imported...	32	1,913	2,870,543	1,674,391	4,958,209	7,073,371
Sand-lime brick.....	5	134	236,566	211,920	392,210	651,781
Glass products.....	114	5,921	9,278,360	10,583,240	15,158,454	27,605,255
Gypsum products.....	10	905	1,298,693	4,076,812	4,266,247	8,755,090
Lime.....	41	918	1,616,839	456,613	4,910,127	7,322,168
Salt.....	9	713	918,566	993,304	2,890,423	4,480,839
Stone, monumental and ornamental.....	147	1,541	2,643,298	2,906,528	5,863,829	9,063,895
Misc. non-metallic mineral products.....	59	1,455	2,576,946	7,371,299	7,775,756	15,764,129
Products of Petroleum and Coal	77	12,106	24,197,354	190,527,903	79,046,757	286,007,855
Coke and gas products.....	34	4,961	9,348,213	34,709,159	21,599,146	62,552,475
Petroleum products.....	43	7,145	14,849,141	155,818,744	57,447,611	223,425,380
Chemical Products	1,031	38,012	67,842,339	179,749,719	208,399,498	401,741,703
Acids, alkalis and salts.....	29	5,338	11,158,999	14,650,883	26,219,014	47,301,400
Fertilizers.....	29	2,805	5,929,796	22,865,328	23,895,016	49,992,443
Medicinal and pharmaceutical preps.....	201	7,670	12,832,173	23,163,222	43,446,027	67,049,834
Paints, pigments and varnishes.....	98	5,006	8,847,406	28,733,401	27,529,707	56,729,620
Plastics, primary.....	78	3,219	4,964,045	8,465,878	12,456,492	21,240,140
Soaps, washing compounds, etc.....	150	3,219	6,213,581	19,268,952	18,360,080	38,274,818
Toilet preparations.....	91	1,995	2,729,367	7,622,735	12,440,886	20,117,113
Vegetable oil mills.....	14	734	1,303,807	20,441,369	4,760,056	25,463,439
Miscellaneous chemicals:—						
Inks, printing and writing...	30	653	1,330,097	2,770,760	3,414,826	6,244,648
Adhesives.....	22	674	1,223,032	3,749,579	2,812,350	6,784,313
Polishes and dressings.....	48	726	1,096,194	5,258,115	4,260,364	9,558,330
Coal tar distillation.....	11	410	740,619	3,116,167	2,052,078	5,509,727
Gases, compressed.....	42	1,064	1,961,493	1,258,423	6,735,081	8,308,628
Wood distillation.....	4	170	236,305	540,228	394,103	999,790
Miscellaneous chemicals...	184	4,329	7,275,425	17,844,679	19,623,418	38,178,060
Miscellaneous Manufacturing Industries	715	21,149	31,158,253	49,954,677	60,247,499	111,497,798
Brooms, brushes and mops...	88	2,572	3,475,859	7,332,183	6,286,134	13,730,113
Mattresses and springs.....	77	3,485	5,949,548	14,979,041	12,027,749	27,217,843
Musical instruments.....	25	1,018	1,471,668	1,095,670	2,158,867	3,324,363
Fountain pens and pencils.....	10	1,462	1,963,245	4,223,043	5,696,637	9,956,516
Scientific and professional equipment.....	45	2,226	4,070,084	5,979,164	8,260,375	14,384,569
Sporting goods.....	41	1,324	1,668,542	2,315,917	2,477,094	4,849,211
Toys and games.....	50	1,456	1,736,996	2,224,510	3,327,996	5,609,323
Typewriter supplies.....	8	334	620,274	1,442,410	1,261,401	2,722,243
Miscellaneous industries:—						
Statuary, art goods and novelties.....	93	1,180	1,409,335	1,334,889	2,068,783	3,428,806
Lamps, electric and lamp shades.....	35	914	1,137,804	2,129,128	2,137,497	4,293,092
Artificial flowers and feathers.....	35	749	827,817	867,783	1,440,324	2,318,376
Signs, electric, neon and other.....	35	847	1,616,145	838,754	2,785,255	3,704,538
Hair goods, animal and human.....	20	350	412,689	904,449	531,247	1,445,960
Umbrellas.....	6	144	170,844	428,407	437,441	867,510
Tobacco pipes.....	6	52	60,626	37,987	79,003	118,870
Buttons.....	18	986	1,468,667	1,757,419	2,480,099	4,296,827

11.—Principal Statistics of the Manufacturing Industries of Canada, 1945, and 1946,
Classified on the Standard Classification Basis—concluded

Group and Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Value of Products	
					Net	Gross
	No.	No.	\$	\$	\$	\$
Miscellaneous Manufacturing Industries—concluded						
Miscellaneous industries—concluded						
Stamps and stencils, rubber and metal.....	45	576	933,801	493,215	1,563,289	2,075,708
Miscellaneous, including jewellery cases, etc.....	11	440	533,639	618,186	812,196	1,444,486
Ice, artificial.....	55	777	1,278,934	147,996	3,542,191	4,010,461
Candles.....	12	257	351,736	804,526	873,921	1,698,983
Totals, All Industries.....	31,249	1,058,156	1,740,687,254	4,358,234,766	3,467,004,980	8,035,692,471

Subsection 3.—Manufactures Classified by the Purpose of the Products

Significant changes have occurred since 1922 in the importance of the various groups shown in the purpose classification. On the basis of the percentage of gross value of production, the most striking change is in the food group which showed a substantial decline from 28.2 p.c. of the total in 1922 to 22.6 p.c. in 1939, 20.8 p.c. in 1945 and back to 22.6 p.c. in 1946. The producer materials group, which took the lead from the food group in 1923, showed a steady increase up to 1939, since when it has remained at about 30 p.c. of the total. Due to the production of war equipment, vehicles and vessels increased from 7.7 p.c. in 1939 to 13.1 p.c. in 1945 and dropped again to 8.1 p.c. in 1946. Industrial equipment rose from 15.2 p.c. to 16.3 p.c. The other groups with the exception of "miscellaneous" showed slight declines during the war years.

12.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups, Significant Years 1922-46 and in Detail for 1946.

Year and Purpose Heading	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1922						
Food.....	8,256	343,867,673	66,815	67,738,707	490,731,438	673,794,031
Drink and tobacco.....	496	104,047,461	13,402	13,777,986	33,027,203	99,529,819
Clothing.....	659	166,336,319	63,441	59,056,687	117,015,780	221,903,467
Personal utilities.....	936	56,070,262	16,904	17,080,049	21,879,031	57,258,476
House furnishings.....	600	75,168,053	18,032	19,861,883	24,956,960	62,961,050
Books and stationery.....	1,557	82,240,691	28,103	36,920,804	27,190,071	99,118,969
Vehicles and vessels.....	1,154	191,257,804	30,067	37,237,412	87,840,814	160,624,079
Producers' materials.....	5,588	1,086,692,015	143,354	147,581,011	316,400,400	666,241,271
Industrial equipment.....	1,740	556,862,578	75,269	89,081,303	160,035,399	338,882,958
Miscellaneous.....	30	4,960,434	869	1,061,388	2,964,354	4,916,418
Totals, 1922.....	21,016	2,667,493,290	456,256	489,397,230	1,282,041,450¹	2,385,230,538¹

¹For the year 1922 the figures for "Cost of Materials" and "Gross Value of Products" include the value placed on intermediate products used in further processes in the chemical group of industries. For this reason these figures differ slightly from those contained in the other tables of this report.

12.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups, Significant Years 1922-45 and in Detail for 1946.—continued

Year and Purpose Heading	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1929						
Food.....	8,351	463,984,558	94,707	87,960,036	597,396,238	837,986,384
Drink and tobacco.....	599	201,365,785	18,976	21,670,376	65,440,057	208,968,998
Clothing.....	1,680	223,376,104	93,935	88,914,849	172,726,557	336,452,685
Personal utilities.....	380	56,155,234	11,148	13,595,331	29,389,246	61,191,750
House furnishings.....	600	76,185,921	20,857	23,248,775	34,293,465	77,811,331
Books and stationery.....	1,917	144,222,275	38,141	56,003,183	45,384,362	155,947,960
Vehicles and vessels.....	781	310,942,038	61,835	91,239,185	243,258,350	407,947,648
Producers' materials.....	6,227	1,776,758,115	223,071	258,255,079	524,193,104	1,154,908,260
Industrial equipment.....	1,576	719,112,914	99,922	131,820,142	304,581,449	614,827,756
Miscellaneous.....	105	32,789,065	3,939	4,584,261	13,007,989	27,403,344
Totals, 1929.....	22,216	4,004,892,005	666,531	777,291,217	2,029,670,813	3,883,446,116
1933						
Food.....	8,759	408,995,499	75,434	68,652,798	313,760,942	492,729,174
Drink and tobacco.....	670	185,612,678	18,289	17,626,141	40,454,300	98,409,638
Clothing.....	1,922	149,382,092	75,363	56,001,234	103,209,050	194,627,734
Personal utilities.....	601	39,681,900	8,938	8,616,372	15,323,848	35,589,961
House furnishings.....	654	66,047,002	15,587	12,887,200	16,022,584	38,684,649
Books and stationery.....	2,170	132,507,101	34,300	42,830,661	28,818,380	103,477,707
Vehicles and vessels.....	479	232,153,543	37,618	35,725,625	56,917,292	120,992,781
Producers' materials.....	6,564	1,459,569,284	139,734	126,208,238	252,383,314	573,991,467
Industrial equipment.....	1,819	588,147,285	60,061	64,155,426	133,382,392	277,075,032
Miscellaneous.....	142	23,163,454	3,334	3,544,129	7,516,826	18,497,642
Totals, 1933.....	23,780	3,279,259,838	468,658	436,247,824	967,788,928	1,954,075,785
1937						
Food.....	8,696	441,611,585	96,740	94,656,930	558,118,480	792,271,852
Drink and tobacco.....	668	187,487,631	21,646	24,398,981	68,935,399	152,152,105
Clothing.....	2,158	173,474,299	95,274	79,547,935	148,901,374	271,690,917
Personal utilities.....	634	43,476,516	12,420	12,729,626	28,185,411	55,289,473
House furnishings.....	800	89,293,123	27,446	27,169,931	41,836,387	90,102,397
Books and stationery.....	2,349	137,392,420	40,348	53,453,842	44,257,314	138,673,644
Vehicles and vessels.....	376	248,949,257	55,141	71,890,706	186,070,917	319,280,534
Producers' materials.....	6,892	1,452,194,043	208,930	232,733,013	634,232,482	1,221,670,588
Industrial equipment.....	2,086	629,908,231	97,250	119,070,287	280,546,886	551,891,976
Miscellaneous.....	175	31,440,726	5,256	6,075,786	15,842,137	32,436,014
Totals, 1937.....	24,834	3,465,227,831	660,451	721,727,037	2,006,926,787	3,625,459,500
1939						
Food.....	8,529	451,298,489	99,983	101,904,518	526,619,353	784,072,722
Drink and tobacco.....	657	190,313,279	23,489	27,051,038	74,295,571	164,812,439
Clothing.....	2,178	187,495,826	97,220	83,762,588	146,201,614	275,567,684
Personal utilities.....	623	46,866,657	12,623	13,771,704	26,408,179	57,043,682
House furnishings.....	767	93,773,837	27,647	28,417,336	40,528,394	88,800,804
Books and stationery.....	2,452	143,293,147	41,804	56,466,921	47,916,777	144,288,052
Vehicles and vessels.....	364	269,734,181	54,673	72,238,590	141,704,269	266,089,493
Producers' materials.....	7,095	1,580,602,852	201,849	229,381,185	559,816,486	1,130,510,177
Industrial equipment.....	1,957	650,305,878	93,235	117,754,260	257,416,596	528,678,421
Miscellaneous.....	183	33,340,303	5,591	7,063,013	15,252,136	34,919,974
Totals, 1939.....	24,805	3,647,024,449	658,114	737,811,153	1,836,159,375	3,474,783,528
1943						
Food.....	8,421	592,585,732	123,531	159,966,391	1,094,856,728	1,464,737,993
Drink and tobacco.....	647	242,927,173	28,044	40,435,534	99,602,633	238,506,471
Clothing.....	2,592	244,217,485	119,715	141,914,240	292,357,250	523,922,505
Personal utilities.....	730	68,356,782	18,059	24,516,425	50,345,687	104,512,562
House furnishings.....	881	121,791,799	38,472	54,067,442	80,661,310	178,461,622
Books and stationery.....	2,476	159,733,494	45,647	71,581,405	72,022,230	204,779,758
Vehicles and vessels.....	385	186,203,889	217,970	425,756,663	587,491,411	1,272,121,963
Producers' materials.....	8,554	2,503,815,480	361,570	582,769,064	1,449,892,836	2,748,227,057
Industrial equipment.....	2,724	1,051,234,389	223,783	387,609,582	707,744,312	1,492,541,620
Miscellaneous.....	242	516,300,504	64,277	98,675,638	255,518,686	505,049,448
Totals, 1943.....	27,652	6,317,166,727	1,241,068	1,987,292,384	4,690,493,083	8,732,860,999

12.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups, Significant Years, 1922-46 and in Detail for 1946.—continued

Year and Purpose Heading	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials Used	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1944						
Food.....	8,435	136,747	183,795,031	1,271,356,037	408,862,849	1,702,330,839
Drink and tobacco.....	635	28,566	44,140,376	118,406,602	159,387,626	281,731,695
Clothing.....	2,713	117,056	146,623,855	284,018,437	242,324,720	529,230,834
Personal utilities.....	758	18,922	26,130,683	54,417,448	59,949,718	115,502,040
House furnishings.....	908	38,940	58,426,100	83,231,172	100,932,323	187,175,054
Books and stationery.....	2,468	47,319	76,542,070	75,882,848	141,795,037	219,966,613
Vehicles and vessels.....	413	222,604	454,449,952	637,341,589	771,461,866	1,425,858,778
Producers' materials.....	8,990	343,035	567,699,762	1,369,160,212	1,142,646,292	2,646,303,770
Industrial equipment.....	2,889	216,279	385,434,071	697,897,961	781,329,304	1,512,623,216
Miscellaneous.....	274	53,414	86,379,470	240,621,050	207,086,275	452,969,680
Totals, 1944	28,483	1,222,882	2,029,621,370	4,832,333,356	4,015,776,010	9,073,692,519
1945						
Food.....	8,310	138,798	193,248,422	1,275,251,323	421,151,585	1,719,329,106
Drink and tobacco.....	648	29,762	47,398,501	140,745,224	180,081,452	324,989,427
Clothing.....	3,046	123,681	159,792,122	303,595,189	266,681,013	573,291,033
Personal utilities.....	780	20,998	29,266,421	61,739,904	66,176,283	129,130,335
House furnishings.....	1,102	41,204	61,922,834	90,428,186	102,341,665	195,859,702
Books and stationery.....	2,502	51,276	85,428,837	84,949,518	156,991,699	244,398,179
Vehicles and vessels.....	442	160,321	331,825,962	507,145,106	562,302,572	1,084,076,890
Producers' materials.....	8,941	320,974	529,821,323	1,258,478,355	1,046,626,043	2,428,836,658
Industrial equipment.....	2,996	199,851	351,884,793	653,419,689	662,460,315	1,348,434,924
Miscellaneous.....	283	32,507	55,184,234	97,916,353	99,503,272	202,022,612
Totals, 1945	29,050	1,119,372	1,845,773,449	4,473,668,847	3,564,315,899	8,250,368,866
1946						
Food.....	8,307	142,948	208,246,768	1,344,869,257	445,583,247	1,814,909,474
Drink and tobacco.....	659	29,435	48,852,221	144,197,521	201,409,448	349,914,231
Clothing.....	3,401	132,018	179,302,900	344,488,916	313,084,058	660,852,502
Personal utilities.....	831	22,878	33,330,845	72,388,600	74,217,740	147,894,182
House furnishings.....	1,380	46,552	72,474,444	113,497,880	124,634,329	241,541,217
Books and stationery.....	2,591	56,642	98,160,792	100,762,002	183,400,588	286,843,601
Vehicles and vessels.....	466	106,870	209,206,556	318,485,632	323,005,130	653,216,763
Producers' materials.....	10,148	320,766	541,037,792	1,260,493,056	1,121,849,111	2,508,083,992
Industrial equipment.....	3,224	191,864	336,665,748	624,737,938	649,538,467	1,306,685,056
Miscellaneous.....	242	8,183	13,409,188	34,313,964	30,282,862	65,751,453
Totals, 1946	31,249	1,058,156	1,740,687,254	4,358,234,766	3,467,004,980	8,035,692,471
1946—Detail						
Food	8,307	142,948	208,246,768	1,344,869,257	445,583,247	1,814,909,474
Breadstuffs.....	4,128	54,049	76,928,508	360,951,716	164,019,836	533,828,367
Fish.....	586	11,327	13,799,809	68,012,828	31,084,775	100,201,291
Fruit and vegetable prepara- tions.....	513	16,373	19,168,778	83,434,146	50,680,350	136,004,138
Meats.....	221	23,135	41,107,828	412,277,055	66,696,721	482,110,033
Milk products.....	2,300	22,679	33,213,903	218,284,499	68,101,014	291,799,884
Oils and fats.....	8	148	282,372	6,639,978	467,612	1,179,080
Sugar.....	11	2,633	5,010,789	45,900,913	13,748,222	61,181,621
Miscellaneous.....	540	12,604	18,734,781	155,368,122	50,784,717	208,605,060
Drink and Tobacco	659	29,435	48,852,221	144,197,521	201,409,448	349,914,231
Beverages, alcoholic.....	79	12,719	24,866,282	44,854,232	128,596,924	176,418,945
Beverages, non-alcoholic.....	485	5,867	9,575,381	20,087,884	32,830,899	53,861,070
Tobacco.....	95	10,849	14,410,558	79,255,405	39,981,625	119,634,216
Clothing	3,401	132,018	179,302,900	344,488,916	313,084,058	660,852,502
Boots and shoes, leather.....	294	22,334	29,023,596	52,340,814	43,612,607	96,435,251
Fur goods.....	617	7,915	12,988,608	40,421,050	22,078,566	62,748,055
Garments and personal fur- nishings.....	1,923	66,218	93,063,602	179,846,975	167,255,356	348,096,605
Gloves and mittens.....	99	3,713	3,824,215	6,794,342	6,089,516	12,939,930
Hats and caps.....	206	6,336	9,378,839	15,774,219	15,854,329	31,851,826
Knitted goods.....	247	24,941	30,210,507	47,270,879	56,681,420	105,208,699
Waterproofs.....	15	561	813,533	2,040,637	1,512,264	3,572,136

12.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups, Significant Years, 1922-46 and in Detail for 1946.—concluded

Year and Purpose Heading	Estab-lish-ments	Em-ployees	Salaries and Wages	Cost of Materials Used	Net Value of Products	Gross Value of Products
1946	No.	No.	\$	\$	\$	\$
Personal Utilities	831	22,878	33,330,845	72,388,600	74,217,740	147,894,182
Jewellery and time-pieces.....	172	6,691	10,507,305	22,873,016	18,411,485	41,528,678
Recreational supplies.....	116	3,798	4,877,206	5,636,097	7,963,957	13,782,897
Personal utilities.....	543	12,389	17,946,334	43,879,487	47,842,298	92,582,607
House Furnishings	1,380	46,552	72,474,444	113,497,880	124,634,329	241,541,217
Books and Stationery	2,591	56,642	98,160,792	100,762,002	183,400,588	286,843,601
Vehicles and Vessels	466	106,870	209,206,556	318,485,632	323,005,130	653,216,763
Producers' Materials	10,148	320,766	541,037,792	1,260,493,056	1,121,849,111	2,508,083,992
Farm material.....	29	2,805	5,929,796	22,865,328	23,895,016	49,992,443
Manufacturers' materials.....	1,411	194,597	360,212,521	839,981,923	740,841,534	1,683,547,929
Building materials.....	8,140	98,030	139,497,348	309,834,982	291,185,010	617,908,503
General materials.....	568	25,334	35,398,127	87,810,823	65,927,551	156,635,117
Industrial Equipment	3,224	191,864	336,665,748	624,737,938	649,538,467	1,306,685,056
Farming equipment.....	63	14,030	25,634,807	33,092,607	29,613,614	63,877,759
Manufacturing equipment.....	318	27,775	51,226,155	51,682,565	94,450,954	148,015,290
Trading equipment.....	143	2,534	4,449,154	2,922,375	9,152,136	12,512,950
Service equipment.....	392	12,336	19,981,232	32,524,868	56,423,253	89,631,616
Light, heat and power equip-ment.....	408	61,426	109,112,268	303,475,099	226,191,406	549,293,858
General equipment.....	1,900	73,763	126,262,132	201,040,424	233,707,104	443,353,583
Miscellaneous	242	8,183	13,409,188	34,313,964	30,282,862	65,751,453

Table 13 has been included in order to give the amount and value of each of the principal commodities produced by the manufacturing industries of Canada. The list is not intended to be complete since a large number of commodities are produced in such small quantities that it would extend the table considerably without adding proportionately to its value to include them. The commodities listed, however, cover approximately 75 p.c. of total production. For a complete list of products, see Appendix II of this report.

13.—Quantities and Values of the Principal Commodities Produced by the Manufacturing Industries of Canada, Grouped by Purpose, 1946

	Unit of Measure	Quantity	Value
			\$
Food—			
Biscuits, all kinds.....	ton	74,678	26,924,590
Bread, pies, cakes, etc.....	—	—	130,575,355
Butter, factory made.....	lb.	271,469,899	105,443,878
Cheese, factory made.....	—	193,065,192	44,570,433
Confectionery, all kinds.....	—	—	40,349,050
Cream, sold in dairy factories.....	lb.	25,545,263	19,708,985
Feed, chopped grain.....	ton	1,440,706	56,038,134
Fish, canned and otherwise prepared.....	—	—	56,310,727
Flour, wheat.....	bbl.	27,176,463	164,358,697
Feeds, stock, and poultry.....	ton	1,508,400	74,498,226
Fruits and vegetables, canned.....	lb.	518,307,717	43,107,087
Ice cream, factory made.....	gal.	13,953,012	17,244,273
Jams, jellies and marmalades.....	lb.	93,830,055	12,547,802
Lard.....	—	46,230,527	6,755,057
Meats, canned incl. poultry, pastes, etc.....	—	210,098,653	43,710,776
Meats, cured.....	—	423,059,602	109,206,423
Meats, sold fresh.....	—	981,271,716	203,586,876

13.—Quantities and Values of the Principal Commodities Produced by the Manufacturing Industries of Canada, Grouped by Purpose, 1946—continued

	Unit of Measure	Quantity	Value \$
Food—concluded			
Milk, sold in dairy factories.....	gal.	131,851,780	61,350,011
Milk, evaporated and condensed.....	lb.	234,203,080	20,821,680
Pickles, sauces and catsup.....	—	—	10,099,772
Powders, edible.....	lb.	100,476,942	27,610,364
Sausage, fresh and cured.....	"	124,992,807	26,997,135
Shortening.....	"	107,980,525	15,770,393
Sugar, granulated (cane and beet).....	"	829,298,810	51,117,520
Tea and coffee, roasted, blended and packed.....	"	117,514,653	56,402,907
Drink and Tobacco¹—			
Aerated waters.....	gal.	55,732,936	37,060,154
Beer, ale, stout and porter.....	"	151,310,090	182,641,103
Cigarettes.....	M	15,263,780	208,027,668
Cigars.....	"	219,985	14,690,822
Spirits, potable, sold (net sales).....	Pr gal.	11,125,219	59,132,546
Tobacco, chewing, smoking and snuff.....	lb.	29,772,338	46,680,739
Tobacco, raw leaf, processed.....	"	86,684,588	37,834,249
Wine, sold.....	gal.	4,937,143	9,621,528
Clothing—			
Coats and overcoats, men's, boys' and women's.....	No.	2,976,952	91,696,373
Dresses, women's and misses'.....	"	12,409,263	55,674,727
Footwear, leather.....	pr.	35,358,064	86,410,052
Footwear, rubber.....	"	18,687,125	26,223,520
Hats, and caps, men's and boys'.....	doz.	698,310	12,955,519
Hats, women's.....	"	437,341	9,791,208
Hosiery, all kinds.....	"	8,848,380	44,889,938
Shirts, fine and work.....	"	1,127,553	16,620,277
Suits, men's and boys'.....	No.	1,936,793	37,891,500
Suits, women's and misses'.....	"	659,634	11,774,155
Underwear.....	doz.	3,583,321	22,826,476
Uniforms, woollen.....	No.	175,065	2,953,171
Personal Utilities—			
Bags, leather.....	—	—	10,886,331
Jewellery.....	—	—	13,632,741
Pianos, organs and parts.....	—	—	1,856,654
Plated ware, all kinds.....	—	—	10,356,669
Radio sets and accessories ²	—	—	32,788,274
Soap.....	lb.	231,506,582	27,686,756
Sporting goods.....	—	—	7,152,272
Toilet preparations and perfumes.....	—	—	17,475,521
Toys and games.....	—	—	9,769,274
House Furnishings—			
Blankets, all kinds.....	lb.	10,072,780	8,273,308
Brooms and brushes.....	—	—	12,722,041
Carpets, mats and rugs.....	—	—	6,279,778
Furniture, household, incl. beds and couches.....	—	—	63,626,554
Kitchenware.....	—	—	9,572,904
Mattresses.....	No.	1,138,399	12,681,333
Mops.....	—	—	1,214,249
Springs, bed and other furniture.....	—	—	5,380,109
Stoves, coal, wood, electric and gas.....	—	—	20,197,993
Books and Stationery—			
Advertising matter, printed.....	—	—	18,083,133
Books and catalogues, printed.....	—	—	6,161,194
Circular, letters, bank notes, etc., printed.....	—	—	12,040,229
Periodicals, printed for publishers.....	—	—	11,644,229
Periodicals, printed by publishers—	—	—	—
Subscriptions and sales.....	—	—	32,802,776
Gross revenue from advertising.....	—	—	56,276,973
Sheet forms, commercial, printed.....	—	—	19,365,778

¹Includes excise taxes on tobacco products and prime cost of spirits.²See also Radio communication equipment under "Miscellaneous".

13.—Quantities and Values of the Principal Commodities Produced by the Manufacturing Industries of Canada, Grouped by Purpose, 1946—concluded

	Unit of Measure	Quantity	Value
			\$
Vehicles and Vessels—			
Aircraft, including parts and repairs.....	—	—	33,640,592
Automobiles, commercial.....	No.	79,657	81,204,338
Automobiles, passenger.....	"	91,871	82,847,330
Automobile parts and accessories, incl. tires, etc.....	—	—	209,674,460
Cars and locomotives, and parts.....	—	—	61,382,093
Ships and ship repairs.....	—	—	101,150,554
Miscellaneous—			
Abrasives, artificial.....	—	—	18,271,737
Bags, cotton and jute.....	doz.	11,839,407	25,560,986
Bags, paper.....	—	—	15,182,322
Bars, iron and steel, hot rolled.....	net ton	377,260	28,448,498
Batteries, electric, and parts.....	—	—	17,507,203
Blooms, billets and slabs.....	net ton	225,859	10,227,549
Boilers, heating and power, and parts.....	—	—	11,922,435
Boxes, paper and wood.....	—	—	72,140,897
Calcium and sodium compounds.....	—	—	21,997,276
Cans, tin.....	—	—	49,673,485
Castings, iron (made for sale).....	ton	214,624	30,951,810
Coke.....	"	3,363,109	32,676,130
Cotton fabrics.....	yd.	304,852,413	55,593,632
Enamels, lacquers and varnishes.....	—	—	23,549,863
Explosives.....	—	—	7,654,592
Farm implements and parts.....	—	—	52,247,004
Ferro-alloys.....	—	—	11,114,234
Forgings, steel and other.....	—	—	7,442,308
Gas, sold.....	M cu. ft.	22,503,927	20,916,981
Gases, compressed and liquefied.....	—	—	12,728,644
Gasoline.....	imp. gal.	1,017,620,703	117,836,804
Glass, pressed and blown.....	—	—	15,659,180
Hardware, builders' and other.....	—	—	12,239,355
Leather, shoe.....	—	—	39,911,342
Lumber, sawn rough and planed.....	—	—	259,267,662
Machinery, all kinds and parts.....	—	—	185,804,093
Medicines and pharmaceuticals.....	—	—	54,441,506
Munitions and other war supplies.....	—	—	8,355,999
Oil, fuel and gas.....	imp. gal.	965,101,806	52,446,338
Paints, mixed, ready for use.....	"	9,687,254	25,226,843
Paper, newsprint, wrapping and book.....	—	—	312,626,930
Paper boards.....	—	—	58,489,845
Pipes and fittings, iron and steel.....	—	—	33,528,518
Plastics, primary.....	—	—	21,240,140
Plates, sheets, etc., iron and steel.....	net ton	456,932	36,147,670
Pulp, wood, made for sale.....	short ton	1,693,443	130,742,258
Radio communication equipment.....	—	—	6,750,778
Refrigerators, electric.....	No.	48,897	8,421,592
Rods and bars, brass, bronze, etc.....	lb.	176,635,553	5,856,704
Rods, copper wire.....	"	122,387,244	15,916,489
Rolled iron and steel forms, semi-finished.....	net ton	225,859	10,227,549
Sash, doors and other millwork.....	—	—	31,341,439
Scientific and professional equipment.....	—	—	14,384,569
Silk, artificial and mixtures, continuous filament.....	yd.	59,719,166	33,864,444
Smelter and refinery products.....	—	—	304,718,524
Spun rayon and mixtures.....	yd.	18,442,510	8,614,666
Steel ingots and castings (sold).....	net ton	117,863	20,969,581
Steel shapes erected, bridge, etc.....	—	—	22,155,792
Steel shapes, structural, made in primary mills.....	—	—	7,697,043
Tire fabrics.....	lb.	19,835,517	10,139,299
Tools, all kinds.....	—	—	23,682,083
Twine and rope.....	—	—	15,743,717
Wires and cables, electrical.....	—	—	39,434,000
Wire, wire rope and cable steel.....	—	—	15,088,287
Woollen cloth, woven and other.....	yd.	27,840,576	48,742,005
Yarn, cotton, artificial silk, wool, etc., made for sale.....	lb.	85,294,607	63,203,160

Subsection 4.—Manufactures Classified by Origin of the Materials

The distinction made between farm materials of Canadian and foreign origin is based on whether the materials are indigenous to Canada rather than on their actual source. Thus, the industries included in the foreign origin classes are those

depending upon materials that cannot be grown in Canada, such as tea, coffee spices, cane sugar, rice, rubber, cotton, etc. Industries included in the Canadian origin classes may, however, be using large quantities of imported materials.

The mineral origin group includes, in addition to the non-ferrous metals, so largely produced in Canada, the manufactures of iron and steel, of petroleum, and of other mineral substances, the raw materials for which are very largely imported. Products of mineral origin, with the exception of fuels, are nearly all durable goods. A high standard of living and advanced industrial organization is usually indicated by a relatively large production and consumption of mineral products. During periods of depression when the production of capital goods is curtailed, employment in the industries of the farm group, which produce mainly consumer goods, exceeds that of the mineral group. The industries of the mineral group in 1943 had by far the greatest capital investment, employed the largest number of persons, and paid out the highest amount in salaries and wages. In 1943 the average capital per employee amounted to \$5,441 for the mineral group as compared with \$4,417 for the farm origin group. The mineral group also pays the highest wages. In 1946 the average salary and wage was \$1,861 for the mineral group and \$1,467 for the farm origin group.

14.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Material Used, by Main Groups, Significant Years 1924-46.

Year and Origin	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1924						
Farm origin.....	8,663	772,791,471	152,488	153,213,763	716,047,892	1,099,279,665
Mineral origin.....	2,806	1,010,517,944	136,837	171,068,497	349,800,585	700,002,097
Forest origin.....	6,873	876,149,932	126,907	147,719,245	245,183,429	544,282,597
Marine origin.....	836	20,304,785	11,157	3,344,348	16,089,332	26,637,962
Wild life origin.....	226	10,837,249	2,944	3,194,213	7,506,169	13,386,266
Mixed origin.....	1,305	204,716,127	57,277	55,927,609	101,563,384	200,718,177
Grand Totals, 1924.....	20,709	2,895,317,508	487,610	534,467,675	1,436,199,791	2,584,306,764
Farm Origin Group—						
From field crops.....	4,595	525,717,571	89,436	87,789,237	433,443,376	691,513,259
From animal husbandry..	4,068	247,073,900	63,052	65,424,526	282,604,516	407,766,406
Totals, Farm Origin.....	8,663	772,791,471	152,488	153,213,763	716,047,892	1,099,279,665
Canadian origin.....	8,379	546,231,949	114,514	119,217,657	553,357,883	848,236,237
Foreign origin.....	284	226,559,522	37,974	33,996,106	162,690,009	251,043,428
1929						
Farm origin.....	9,041	969,384,866	181,682	188,306,755	852,606,083	1,396,769,569
Mineral origin.....	3,219	1,550,662,908	218,879	304,027,803	678,683,203	1,392,499,868
Forest origin.....	7,353	1,148,558,242	163,863	191,044,307	313,088,964	722,269,066
Marine origin.....	730	28,644,442	16,367	5,411,855	21,496,859	34,966,260
Wild life origin.....	234	14,338,686	3,767	4,783,323	12,847,817	20,861,039
Mixed origin.....	1,639	293,302,865	81,973	83,717,174	150,947,887	316,080,314
Grand Totals, 1929.....	22,216	4,004,892,009	666,531	777,291,217	2,029,670,813	3,883,446,116
Farm Origin Group—						
From field crops.....	5,191	697,206,163	114,236	115,201,292	496,842,580	889,075,246
From animal husbandry..	3,850	272,178,703	67,446	73,105,463	355,763,503	507,694,323
Totals, Farm Origin.....	9,041	969,384,866	181,682	188,306,755	852,606,083	1,396,769,569
Canadian origin.....	8,743	708,461,549	134,686	140,340,993	682,056,026	1,106,006,184
Foreign origin.....	298	260,923,317	47,002	47,965,762	170,550,057	290,763,385

¹For the year 1924 the figures for "Cost of Materials" and "Gross Value of Products" include the value placed on intermediate products used in further processes in the chemical group of industries. For this reason these figures differ slightly from those contained in the other tables of this report.

14.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Material Used, by Main Groups, Significant Years 1924-46—continued

Year and Origin	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1933						
Farm origin.....	9,695	844,582,058	158,602	137,711,749	454,882,704	791,956,470
Mineral origin.....	3,539	1,306,641,651	130,565	138,101,092	271,434,337	601,428,003
Forest origin.....	7,796	882,445,602	102,807	99,046,012	133,550,374	335,886,257
Marine origin.....	620	15,532,775	4,064	2,287,385	10,960,289	17,380,323
Wild life origin.....	335	10,507,157	3,498	3,481,885	7,159,079	13,000,927
Mixed origin.....	1,795	219,550,595	69,122	55,619,701	89,802,145	194,423,805
Grand Totals, 1933.....	23,780	3,279,259,538	468,658	436,247,821	967,788,928	1,954,075,785
Farm Origin Group—						
From field crops.....	5,746	609,044,529	93,433	81,655,182	263,007,043	494,048,930
From animal husbandry..	3,949	235,537,529	65,169	56,056,567	191,875,661	297,907,540
Totals, Farm Origin.....	9,695	844,582,058	158,602	137,711,749	454,882,704	791,956,470
Canadian origin.....	9,373	629,450,643	124,547	107,807,386	365,559,776	620,197,449
Foreign origin.....	322	215,131,415	34,055	29,904,363	89,322,928	171,759,021
1937						
Farm origin.....	10,139	901,539,200	203,908	197,861,819	809,964,706	1,276,249,283
Mineral origin.....	3,384	1,401,562,788	216,959	280,323,383	784,742,328	1,451,202,762
Forest origin.....	8,392	916,530,488	144,597	161,030,221	254,863,829	589,517,795
Marine origin.....	597	18,130,385	5,427	3,354,771	16,318,781	26,088,625
Wild life origin.....	365	13,328,164	4,264	4,452,918	10,761,233	17,658,867
Mixed origin.....	1,957	214,136,806	85,296	74,703,925	130,275,910	264,742,168
Grand Totals, 1937.....	24,834	3,465,227,831	660,451	721,727,037	2,006,926,787	3,625,459,500
Farm Origin Group—						
From field crops.....	6,197	635,995,955	118,765	115,999,546	456,791,911	774,683,154
From animal husbandry..	3,942	265,543,245	85,143	81,862,273	353,172,795	501,566,129
Totals, Farm Origin.....	10,139	901,539,200	203,908	197,861,819	809,964,706	1,276,249,283
Canadian origin.....	9,326	673,003,567	158,075	152,070,575	659,488,389	1,008,885,353
Foreign origin.....	813	228,535,633	45,833	45,791,244	150,476,317	267,363,930
1939						
Farm origin.....	10,203	952,929,892	220,210	217,724,965	778,250,125	1,289,993,021
Mineral origin.....	3,474	1,498,265,618	210,752	280,054,303	669,728,573	1,321,444,094
Forest origin.....	8,430	951,016,933	142,091	160,798,500	244,944,997	572,335,960
Marine origin.....	523	21,479,200	5,369	3,638,794	18,114,698	28,816,536
Wild life origin.....	384	14,723,743	4,604	5,396,623	11,592,066	19,961,526
Mixed origin.....	1,791	208,609,063	75,088	70,197,968	113,528,916	242,232,391
Grand Totals, 1939.....	24,805	3,647,024,449	658,114	737,811,153	1,836,159,375	3,474,783,528
Farm Origin Group—						
From field crops.....	6,096	649,746,486	124,708	126,311,033	410,994,461	759,964,866
From animal husbandry..	4,107	303,183,406	95,502	91,413,932	367,255,664	530,028,155
Totals, Farm Origin.....	10,203	952,929,892	220,210	217,724,965	778,250,125	1,289,993,021
Canadian origin.....	9,382	699,345,423	171,460	168,260,771	630,779,223	1,011,294,132
Foreign origin.....	821	253,584,469	48,750	49,464,194	147,470,902	278,698,889

14.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Material Used, by Main Groups, Significant Years 1924-46—concluded

Year and Origin	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1944						
Farm origin.....	10,329	287,756	394,716,309	1,781,014,374	870,995,104	2,688,731,415
Mineral origin.....	4,479	634,542	1,208,779,764	2,258,796,792	2,312,260,844	4,708,104,244
Forest origin.....	10,347	186,680	278,171,969	495,531,476	541,521,976	1,082,160,284
Marine origin.....	535	9,664	10,327,695	45,906,542	22,066,801	68,882,879
Wild life origin.....	535	6,190	9,430,191	28,076,572	15,728,926	43,985,177
Mixed origin.....	2,258	98,050	128,195,442	223,007,600	253,202,359	481,828,520
Grand Totals, 1944....	28,483	1,222,882	2,029,621,370	4,832,333,356	4,015,776,010	9,073,692,519
Farm Origin Group—						
From field crops.....	6,307	164,514	226,751,705	888,435,918	563,349,320	1,477,008,962
From animal husbandry..	4,022	123,242	167,964,604	892,578,456	307,645,784	1,211,722,453
Totals, Farm Origin.....	10,329	287,756	394,716,309	1,781,014,374	870,995,104	2,688,731,415
Canadian origin.....	9,493	225,077	303,293,749	1,507,501,822	668,958,344	2,202,655,904
Foreign origin.....	836	62,679	91,422,560	273,512,552	202,036,760	486,075,511
1945						
Farm origin.....	10,346	296,224	416,822,843	1,801,780,401	921,956,062	2,761,024,764
Mineral origin.....	4,557	505,627	967,665,281	1,788,760,744	1,744,865,298	3,654,473,138
Forest origin.....	10,546	195,999	299,036,383	548,625,870	574,743,580	1,170,674,893
Marine origin.....	540	10,219	11,268,019	62,064,331	30,529,102	93,567,274
Wild life origin.....	591	7,199	11,303,522	36,280,969	18,300,106	54,773,683
Mixed origin.....	2,470	104,104	139,677,401	236,156,532	273,921,751	515,855,114
Grand Totals, 1945....	29,050	1,119,372	1,845,773,449	4,473,668,847	3,564,315,899	8,250,368,866
Farm origin Group—						
From field crops.....	6,245	168,907	239,224,361	926,639,188	605,036,663	1,556,904,150
From animal husbandry..	4,101	127,317	177,598,482	875,141,213	316,919,399	1,204,120,614
Totals, Farm Origin..	10,346	296,224	416,822,843	1,801,780,401	921,956,062	2,761,024,764
Canadian origin.....	9,486	231,708	321,688,225	1,537,044,535	708,624,007	2,273,013,255
Foreign origin.....	860	64,516	95,134,618	264,735,866	213,332,055	488,011,509
1946						
Farm origin.....	10,535	302,250	443,471,006	1,876,803,842	991,765,819	2,907,395,097
Mineral origin.....	4,954	406,378	756,332,727	1,430,525,795	1,365,653,544	2,904,496,837
Forest origin.....	11,883	220,446	358,033,891	676,542,601	736,212,028	1,468,630,801
Marine origin.....	586	11,327	13,799,809	68,012,828	31,084,775	100,201,291
Wild life origin.....	617	7,915	12,988,608	40,421,050	22,078,566	62,748,055
Mixed origin.....	2,674	109,840	156,061,213	265,928,650	320,210,248	592,220,390
Grand Totals, 1946....	31,249	1,058,156	1,740,687,254	4,358,231,766	3,467,004,950	8,035,692,471
Farm Origin Group—						
From field crops.....	6,326	169,300	251,545,508	992,329,370	653,371,968	1,671,793,471
From animal husbandry..	4,209	132,950	191,925,498	884,474,472	338,393,851	1,235,601,626
Totals, Farm Origin..	10,535	302,250	443,471,006	1,876,803,842	991,765,819	2,907,395,097
Canadian origin.....	9,638	240,961	348,446,141	1,631,721,715	781,589,463	2,442,421,842
Foreign origin.....	897	61,289	95,024,865	245,082,127	210,176,356	464,973,255

Subsection 5.—Manufactures Classified by Type of Organization

The Dominion Bureau of Statistics, has for the first time made a study of the type of organization under which Canadian manufacturers operate, and the results for 1946 are published in the present report.

Of the 30,663 establishments included in this study, 14,581 or 47.6 p.c. were under individual ownership, 4,920 or 16 p.c. were partnerships, 10,209 or 33.3 p.c. were incorporated companies and 953 or 3.1 p.c. were co-operatives.

As is to be expected the smaller establishments, regardless of the type of products manufactured, are carried on under individual ownership. Industries carried on on a small scale contain a large number of establishments in this category, the percentage decreasing as the scale of operations increase, as the following table shows:

Group	Average number of employees per establishment	Percentage of Individual Ownership Establishments to the Total
Wood and paper products.....	18.7	58.6
Vegetable products.....	23.1	60.4
Animal products.....	23.2	40.2
Miscellaneous industries.....	30.4	37.3
Chemicals and allied products.....	36.7	21.0
Non-metallic mineral products.....	40.1	32.7
Textiles and textile products.....	53.5	28.0
Iron and its products.....	105.7	25.1
Non-ferrous metal products.....	114.7	22.3
Total.....	34.1	47.6

It is therefore found according to table 15, that in the vegetable products group, 60.4 p.c. of the establishments were in the above category. Wood and paper products had 58.6 p.c. of its establishments in this classification followed by animal products with 40.2 p.c., miscellaneous industries 37.3 p.c., non-metallic mineral products 32.7 p.c., textiles and textile products 28 p.c., iron and its products 25.1 p.c., non-ferrous metal products 22.3 p.c. and chemicals and allied products 21 p.c.

The establishments operating under individual ownership are not as important from the point of view of employment provided as their large numbers would indicate. According to tables 15 and 16, these establishments which comprised 47.6 p.c. of the total only had 7.9 p.c. of the total employees. Partnership accounted for 16 p.c. of the number of establishments and 4.7 p.c. of the total employees. Incorporated companies with 33.3 p.c. of the number of establishments had 86.5 p.c. of the employees. Co-operatives with 3.1 p.c. of the number had 0.9 p.c. of the employees.

On the basis of employment provided, incorporated companies are by a very wide margin the most important factor in the employment field. In the non-ferrous metal products group 96.1 p.c. of the employees were reported by such companies. Companies in the iron and its products group had 95.9 p.c., chemicals and allied products 94.7 p.c., non-metallic mineral products 92.4 p.c., textiles 84.2 p.c., vegetable products 82.6 p.c., miscellaneous industries 82 p.c., wood and paper products 78.3 p.c., and animal products 76.7 p.c. of the total employment.

15.—Percentage Distribution of the Number of Establishments in the Manufacturing Industries, by Type of Organization, 1946.

Province or Group	Individual Ownership	Partnerships	Incorporated Companies	Co-opera- tives	Total
	p.c.	p.c.	p.c.	p.c.	p.c.
Canada	47.6	16.0	33.3	3.1	100.0
Prince Edward Island.....	58.4	16.3	19.7	5.6	100.0
Nova Scotia.....	59.4	16.4	23.2	1.0	100.0
New Brunswick.....	57.6	11.9	27.9	2.6	100.0
Quebec.....	53.4	13.5	28.2	4.9	100.0
Ontario.....	42.3	16.8	39.3	1.6	100.0
Manitoba.....	42.3	17.2	37.8	2.7	100.0
Saskatchewan.....	56.2	17.8	20.2	5.8	100.0
Alberta.....	50.6	17.6	27.0	4.8	100.0
British Columbia and Yukon.....	35.0	22.3	41.0	1.7	100.0
INDUSTRIAL GROUP					
Vegetable products.....	60.4	13.2	24.4	2.0	100.0
Animal products.....	40.2	12.8	27.5	19.5	100.0
Textiles and textile products.....	28.0	21.1	50.3	0.6	100.0
Wood and paper products.....	58.6	18.0	23.1	0.3	100.0
Iron and its products.....	25.1	15.1	59.4	0.4	100.0
Non-ferrous metal products.....	22.3	14.6	63.1	.....	100.0
Non-metallic mineral products.....	32.7	16.3	51.0	0.0	100.0
Chemicals and allied products.....	21.0	9.2	69.1	0.7	100.0
Miscellaneous industries.....	37.3	17.0	45.7	.....	100.0

16.—Percentage Distribution of Employment in the Manufacturing Industries, by Type of Organization, 1946.

Province or Group	Individual Ownership	Partnerships	Incorporated Companies	Co-opera- tives	Total
	p.c.	p.c.	p.c.	p.c.	p.c.
Canada	7.9	4.7	86.5	0.9	100.0
Prince Edward Island.....	29.0	10.4	58.2	2.4	100.0
Nova Scotia.....	13.3	4.6	81.6	0.5	100.0
New Brunswick.....	11.7	4.3	82.4	1.6	100.0
Quebec.....	9.9	5.3	83.9	0.9	100.0
Ontario.....	5.9	4.0	89.6	0.5	100.0
Manitoba.....	6.9	5.4	86.7	1.0	100.0
Saskatchewan.....	13.9	7.1	69.4	9.6	100.0
Alberta.....	11.6	8.2	77.3	2.9	100.0
British Columbia and Yukon.....	6.5	5.1	86.3	2.1	100.0
INDUSTRIAL GROUP					
Vegetable products.....	11.8	4.4	82.6	1.2	100.0
Animal products.....	10.5	6.5	76.7	6.3	100.0
Textiles and textile products.....	7.6	8.0	84.2	0.2	100.0
Wood and paper products.....	14.2	6.8	78.3	0.7	100.0
Iron and its products.....	2.3	1.7	95.9	0.1	100.0
Non-ferrous metal products.....	2.0	1.9	96.1	.....	100.0
Non-metallic mineral products.....	4.2	3.4	92.4	0.0	100.0
Chemicals and allied products.....	2.7	1.9	94.7	0.7	100.0
Miscellaneous industries.....	11.8	6.2	82.0	.....	100.0

17.—Percentage Distribution of Employment in the Forty Leading Industries, by Type of Organization, 1946.

Industry	Individual Ownership	Partnerships	Incorporated Companies	Co-opera- tives	Total
	p.c.	p.c.	p.c.	p.c.	p.c.
1 Pulp and paper.....	.....	0-0	100-0	.....	100-0
2 Slaughtering and meatpacking.....	1-4	1-6	94-1	2-9	100-0
3 Non-ferrous smelting and refining.....	.....	.....	100-0	.....	100-0
4 Sawmills.....	33-9	13-6	52-3	0-2	100-0
5 Flour and feed mills.....	16-6	9-2	71-2	3-0	100-0
6 Butter and cheese.....	15-9	5-2	54-5	24-4	100-0
7 Electrical apparatus and supplies.....	0-8	1-2	98-0	.....	100-0
8 Petroleum products.....	0-1	0-0	99-9	.....	100-0
9 Automobiles.....	.....	.....	100-0	.....	100-0
10 Clothing, women's factory.....	14-6	15-5	69-9	.....	100-0
11 Railway rolling-stock.....	0-0	.....	100-0	.....	100-0
12 Rubber goods.....	0-2	0-4	99-4	.....	100-0
13 Primary iron and steel.....	.....	.....	100-0	.....	100-0
14 Clothing, men's factory.....	9-3	12-3	78-4	.....	100-0
15 Bread and other bakery products.....	33-7	9-4	56-3	0-6	100-0
16 Machinery.....	2-8	0-7	96-3	0-2	100-0
17 Fruit and vegetable preparations.....	8-1	5-0	83-6	3-3	100-0
18 Sheet metal products.....	2-4	2-2	95-0	0-4	100-0
19 Foods, miscellaneous.....	7-5	2-9	89-6	.....	100-0
20 Cotton yarn and cloth.....	0-0	0-2	99-8	.....	100-0
21 Breweries.....	0-0	0-2	99-8	.....	100-0
22 Hosiery and knitted goods.....	2-9	4-9	92-2	.....	100-0
23 Printing and publishing.....	11-1	2-4	85-1	1-4	100-0
24 Boots and shoes, leather.....	10-1	5-1	84-6	0-2	100-0
25 Automobile supplies.....	2-7	0-8	96-3	0-2	100-0
26 Shipbuilding.....	0-9	0-6	98-5	.....	100-0
27 Biscuits, confectionery, etc.....	4-5	3-1	92-4	.....	100-0
28 Feeds, stock and poultry.....	9-8	5-2	73-7	11-3	100-0
29 Castings, iron.....	5-6	3-0	91-4	.....	100-0
30 Tobacco, cigars and cigarettes.....	5-2	0-7	94-1	.....	100-0
31 Planing mills, sash and door factories.....	21-9	11-4	66-3	0-4	100-0
32 Printing and bookbinding.....	17-3	8-9	71-9	1-9	100-0
33 Furniture.....	11-4	10-8	77-7	0-1	100-0
34 Boxes and bags, paper.....	2-1	2-1	95-8	.....	100-0
35 Hardware, tools and cutlery.....	2-8	4-7	92-5	.....	100-0
36 Brass and copper products.....	5-3	2-7	92-0	.....	100-0
37 Distilleries.....	.....	.....	100-0	.....	100-0
38 Medicinal and pharmaceutical prep.....	2-4	3-2	91-4	3-0	100-0
39 Silk and artificial silk goods.....	0-4	0-2	99-4	.....	100-0
40 Miscellaneous paper products.....	3-5	2-4	94-1	.....	100-0

18.—Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Type of Organization, 1946.

Provinces and Groups	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Canada⁽¹⁾						
Individual ownership.....	14,581	82,624	98,184,045	6,915,190	244,453,239	423,563,950
Partnerships.....	4,920	49,528	66,554,394	3,176,801	152,905,617	272,993,542
Incorporated companies.....	10,209	904,883	1,549,376,542	197,585,484	3,790,451,404	7,107,655,352
Co-operatives.....	953	9,794	12,772,464	1,671,562	162,411,678	131,278,336
Totals⁽¹⁾.....	30,663	1,046,829	1,726,887,445	209,349,037	4,290,221,938	7,935,491,180
Prince Edward Island⁽¹⁾						
Individual ownership.....	104	320	214,084	29,999	738,084	1,257,603
Partnerships.....	29	115	96,548	10,093	253,423	491,181
Incorporated companies.....	35	642	840,664	72,054	2,978,271	4,614,309
Co-operatives.....	10	27	17,080	3,384	311,954	357,289
Totals⁽¹⁾.....	178	1,104	1,168,376	115,530	4,281,732	6,720,382

⁽¹⁾These totals exclude the "Fish Curing and Packing" industry for which no information was collected in 1946.

18.—Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Type of Organization. 1946—concluded

Provinces and Groups	Establishments	Employees	Salaries and wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Nova Scotia⁽¹⁾						
Individual ownership.....	716	3,467	3,378,332	254,765	8,784,335	15,614,242
Partnerships.....	197	1,202	1,214,058	68,937	2,917,586	5,198,406
Incorporated companies.....	280	21,294	34,111,864	6,050,857	64,781,846	124,862,380
Co-operatives.....	12	120	133,473	15,408	609,008	845,046
Totals⁽¹⁾	1,205	26,083	38,837,727	6,389,967	77,092,775	146,520,074
New Brunswick⁽¹⁾						
Individual ownership.....	487	2,403	2,380,120	195,125	6,976,033	11,766,992
Partnerships.....	100	870	1,020,694	56,698	2,494,049	4,201,728
Incorporated companies.....	236	16,889	27,397,840	6,012,130	74,770,996	137,253,747
Co-operatives.....	22	330	418,744	70,231	3,001,217	4,153,173
Totals⁽¹⁾	845	20,492	31,217,398	6,334,184	87,242,295	157,375,640
Quebec⁽¹⁾						
Individual ownership.....	5,722	35,314	41,140,123	2,574,723	103,190,561	177,752,760
Partnerships.....	1,450	18,793	25,306,123	940,855	55,492,321	101,812,089
Incorporated companies.....	3,017	298,772	494,874,603	70,869,299	1,097,490,829	2,167,238,067
Co-operatives.....	524	3,232	3,671,765	533,412	36,364,496	44,355,646
Totals⁽¹⁾	10,713	356,111	564,992,614	74,918,289	1,292,538,210	2,491,158,562
Ontario						
Individual ownership.....	4,836	29,528	37,864,013	2,738,324	97,179,292	165,375,565
Partnerships.....	1,917	20,044	28,495,015	1,368,343	65,883,070	114,899,312
Incorporated companies.....	4,486	446,138	775,671,800	88,920,253	1,815,168,867	3,443,493,848
Co-operatives.....	185	2,410	3,185,719	311,567	23,669,363	30,754,976
Totals	11,424	498,120	845,216,547	93,338,487	2,001,900,592	3,754,523,701
Manitoba						
Individual ownership.....	574	2,633	2,808,356	198,696	7,756,369	12,792,456
Partnerships.....	234	2,090	2,592,410	147,855	7,152,726	12,096,767
Incorporated companies.....	513	33,255	55,080,791	5,587,660	204,578,454	322,141,196
Co-operatives.....	36	389	536,788	75,208	3,609,383	4,856,680
Totals	1,357	38,367	61,018,345	6,009,359	223,096,935	351,887,099
Saskatchewan						
Individual ownership.....	537	1,658	1,414,677	189,891	3,295,705	6,121,418
Partnerships.....	170	851	905,229	107,337	3,139,505	5,041,042
Incorporated companies.....	193	8,297	14,130,228	2,784,730	107,573,391	141,012,141
Co-operatives.....	55	1,151	1,506,183	219,270	12,587,160	16,182,018
Totals	955	11,957	17,956,317	3,301,228	126,595,761	168,356,619
Alberta						
Individual ownership.....	666	2,630	2,888,083	294,118	7,845,738	13,615,076
Partnerships.....	231	1,871	2,360,825	185,028	8,853,881	14,331,122
Incorporated companies.....	355	17,500	28,802,147	3,266,192	145,165,146	219,700,426
Co-operatives.....	63	648	888,033	126,342	7,560,411	9,355,243
Totals	1,315	22,649	34,939,088	3,871,680	169,425,176	257,031,867
British Columbia⁽¹⁾						
Individual ownership.....	929	4,645	6,063,505	431,688	8,641,602	19,158,472
Partnerships.....	592	3,692	4,553,492	291,655	6,719,053	14,921,895
Incorporated companies.....	1,091	62,030	118,298,797	13,965,507	277,816,279	546,802,309
Co-operatives.....	46	1,487	2,414,679	316,740	14,698,683	20,388,265
Totals⁽¹⁾	2,658	71,854	131,340,473	15,005,590	307,875,617	601,270,941
Yukon and Northwest Territories						
Individual ownership.....	10	26	32,752	7,861	45,520	109,366
Incorporated companies.....	3	66	167,808	56,862	127,325	536,929
Totals	13	92	200,560	64,723	172,845	646,295

⁽¹⁾These totals exclude the "Fish Curing and Packing" industry for which no information was collected in 1946.

19.—Principal Statistics of the Manufacturing Industries of Canada and Industrial Groups, Classified by Type of Organization, 1946

Industrial Group	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1. Vegetable Products—						
Individual ownership.....	3,573	16,158	18,095,682	2,611,599	66,139,856	102,172,442
Partnerships.....	780	6,053	7,467,694	874,358	30,288,740	45,990,318
Incorporated companies..	1,446	113,269	179,250,173	18,774,131	754,710,185	1,296,726,527
Co-operatives.....	117	1,690	2,080,132	254,527	20,297,280	25,024,843
Totals.....	5,916	137,170	206,893,681	22,514,615	871,436,061	1,469,914,130
2. Animal Products—						
Individual ownership.....	1,585	9,617	11,740,543	1,236,435	65,495,051	85,593,704
Partnerships.....	506	5,973	8,440,837	449,305	40,286,129	55,048,599
Incorporated companies..	1,083	70,209	110,173,656	7,671,413	597,382,337	796,108,024
Co-operatives.....	768	5,718	7,362,992	1,250,684	78,066,459	95,282,141
Totals⁽¹⁾.....	3,942	91,517	137,718,028	10,607,837	781,229,976	1,032,032,468
3. Textiles and Textile Products—						
Individual ownership.....	863	12,498	16,902,992	307,770	31,504,431	61,842,411
Partnerships.....	650	13,145	19,051,786	317,901	37,673,796	72,576,277
Incorporated companies..	1,551	138,799	191,739,612	10,070,100	390,480,408	753,101,251
Co-operatives.....	18	295	323,933	35,286	5,586	1,139,004
Totals.....	3,682	164,737	228,018,323	10,731,057	459,664,221	888,658,943
4. Wood and Paper Products—						
Individual ownership.....	7,030	31,672	33,365,490	1,763,679	64,004,081	125,419,022
Partnerships.....	2,159	15,309	18,062,758	816,072	30,343,767	61,486,650
Incorporated companies..	2,773	175,506	312,394,341	53,353,921	582,699,943	1,291,293,996
Co-operatives.....	32	1,634	2,226,973	103,954	2,295,694	6,236,454
Totals.....	11,994	224,121	366,049,562	56,037,626	679,343,485	1,484,436,122
5. Iron and Its Products—						
Individual ownership.....	592	5,951	9,229,976	432,823	6,738,224	21,237,914
Partnerships.....	355	4,167	6,701,764	259,773	5,366,491	16,072,582
Incorporated companies..	1,401	238,960	459,512,471	34,029,078	622,982,570	1,367,326,580
Co-operatives.....	10	201	368,772	17,621	256,914	905,789
Totals.....	2,358	249,279	475,812,983	34,739,295	635,344,199	1,405,542,865
6. Non-ferrous Metal Products—						
Individual ownership.....	165	1,675	2,464,102	99,802	2,381,514	6,742,746
Partnerships.....	108	1,594	2,343,029	71,651	3,008,515	6,898,981
Incorporated companies..	467	81,584	145,559,047	27,536,144	407,632,218	705,549,379
Totals.....	740	84,853	150,366,178	27,707,597	413,022,247	719,191,106
7. Non-metallic Mineral Products—						
Individual ownership.....	298	1,525	1,980,886	279,483	1,822,851	5,437,182
Partnerships.....	148	1,248	1,907,363	274,974	2,105,588	5,762,070
Incorporated companies..	463	33,720	59,960,391	31,806,160	236,557,430	435,285,430
Co-operatives.....	1					
Totals.....	910	36,493	63,848,640	32,360,617	240,485,869	446,484,682
8. Chemicals and Allied Products—						
Individual ownership.....	213	1,007	1,286,964	65,570	2,399,691	5,539,831
Partnerships.....	94	703	914,250	45,771	1,365,933	3,352,384
Incorporated companies..	703	35,318	63,932,156	13,219,991	154,062,481	364,718,944
Co-operatives.....	7	250	405,162	9,140	1,480,245	2,677,105
Totals.....	1,017	37,278	66,538,532	13,340,472	159,308,350	376,288,264
9. Miscellaneous Industries—						
Individual ownership.....	262	2,521	3,117,410	118,029	3,967,540	9,578,698
Partnerships.....	120	1,336	1,664,913	66,996	2,466,658	5,805,681
Incorporated companies..	322	17,524	26,859,195	1,124,896	43,953,332	97,558,221
Totals.....	704	21,381	31,641,518	1,309,921	50,387,530	112,942,600

⁽¹⁾These totals exclude the "Fish Curing and Packing" industry for which no information was collected in 1946.

Subsection 6.—Leading Manufacturing Industries

In the following statement, the rank of the ten leading industries in 1946, from the standpoint of gross value of production, is compared with their respective ranks in significant years since 1922.

THE TEN LEADING INDUSTRIES, 1946, COMPARED AS TO RANK, SIGNIFICANT YEARS 1922-45.

NOTE.—Where a dash is given it indicates that the industry did not rank among the forty leading industries.

INDUSTRY	RANK IN							
	1946	1945	1944	1939	1937	1933	1929	1922
Pulp and paper.....	1	2	5	2	2	1	1	2
Slaughtering and meat packing.....	2	1	1	3	3	3	2	3
Non-ferrous metal smelting and refining.....	3	3	2	1	1	2	9	—
Sawmills.....	4	5	11	8	7	14	5	4
Flour and feed mills.....	5	8	12	7	5	4	3	1
Butter and cheese.....	6	9	10	4	6	5	6	5
Electrical apparatus and supplies.....	7	6	8	9	8	16	8	17
Petroleum products.....	8	11	14	6	9	6	10	9
Automobiles.....	9	7	7	5	4	11	4	6
Clothing, women's factory.....	10	16	21	17	16	10	17	16

A prominent feature of Canadian manufacturing development during the past 20 years has been the rapid growth of non-ferrous metal smelting. This industry, based upon the rich base metal resources of the country, has now taken its place among the leading manufactures along with the industries based upon forest, agricultural and live-stock resources. The incidence of the depression resulted in a rearrangement in the ranking of many industries; in some cases this has proved to be temporary. Under the impetus of war production, the industries engaged in producing the equipment needed by the Armed Forces, such as shipbuilding, aircraft, automobiles, miscellaneous chemical products, and primary iron and steel, advanced to higher positions. With the end of the war in 1945, the industries engaged in the production of consumers' goods, by reason of the heightened demand for their products, bettered their position. Pulp and paper after a lapse of a number of years resumed its premier position. Another notable feature in 1946 was the advance of petroleum products from eleventh to eighth place, and the reappearance of the women's factory clothing industry in tenth place. Slaughtering and meat packing dropped from first to second place and automobiles from seventh to ninth place.

20.—Principal Statistics of the Forty Leading Industries of Canada, Ranked According to Gross Value of Products, 1945

Industry	Estab-lish-ments	Em-ployees	Salaries and Wages	Cost of Materials	Value of Products	
	No.	No.	\$	\$	Net	Gross
					\$	\$
1 Slaughtering and meat packing.....	152	23,215	40,009,888	427,168,114	74,765,206	504,849,523
2 Pulp and paper.....	109	39,996	80,462,644	179,369,499	180,401,885	398,804,515
3 Non-ferrous smelting and refining.....	17	16,771	33,853,120	238,940,486	89,898,878	355,676,526
4 Aircraft.....	38	37,812	84,230,503	115,093,267	161,746,606	278,652,880
5 Sawmills.....	5,295	44,040	54,017,500	126,006,754	103,153,766	231,108,030
6 Electrical apparatus and supplies.....	247	44,129	76,468,795	92,041,030	135,919,899	230,531,874
7 Automobiles.....	6	17,915	43,623,220	164,963,785	61,987,025	228,695,109
8 Flour and feed mills.....	1,023	7,511	11,322,915	192,270,945	30,014,438	224,269,380

For footnotes, see end of table, p. 46.

**20.—Principal Statistics of the Forty Leading Industries of Canada, Ranked
According to Gross Value of Products, 1945—concluded**

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Value of Products	
					Net	Gross
	No.	No.	\$	\$	\$	\$
9 Butter and cheese.....	2,241	19,435	26,864,454	171,011,216	49,110,376	224,174,572
10 Shipbuilding.....	89	48,118	99,470,593	60,294,253	141,646,420	204,594,323
11 Petroleum products.....	46	6,775	13,891,310	151,153,429	41,423,861	201,683,679
12 Primary iron and steel.....	63	29,378	57,862,489	86,417,375	89,859,343	192,279,159
13 Rubber goods.....	55	23,490	39,111,477	78,500,892	98,836,225	181,413,226
14 Railway rolling-stock.....	37	30,515	61,793,939	84,264,315	92,804,283	181,249,842
15 Miscellaneous chemical products	232	29,214	50,197,271	83,754,688	89,660,775	177,661,547
16 Clothing, women's factory.....	989	27,975	39,485,827	78,385,452	70,099,770	148,827,882
17 Iron and steel products, misc....	186	20,663	41,768,204	71,221,217	72,293,317	145,722,443
18 Clothing, men's factory.....	453	27,423	36,933,900	78,554,206	60,928,679	139,920,218
19 Machinery.....	267	26,285	46,982,376	44,817,319	91,624,455	138,192,090
20 Bread and other bakery prod- ucts.....	2,860	29,045	38,328,474	62,829,434	65,580,825	132,518,212
21 Automobile supplies.....	108	17,390	33,115,867	65,897,750	58,727,677	126,562,829
22 Cotton yarn and cloth.....	41	21,646	28,020,333	66,528,980	45,126,175	114,682,802
23 Miscellaneous foods.....	267	7,106	9,652,137	79,653,383	29,682,189	109,931,480
24 Sheet metal products.....	196	17,121	27,736,555	58,242,909	46,632,971	106,257,719
25 Brass and copper products.....	161	13,267	25,680,949	53,655,695	49,403,675	105,150,750
26 Fruit and vegetable prepara- tions.....	470	14,440	16,117,172	59,712,161	37,958,248	99,371,391
27 Breweries.....	60	7,593	15,323,200	20,493,465	71,952,408	93,872,904
28 Fish curing and packing.....	540	10,219	11,268,019	62,064,331	30,529,102	93,567,274
29 Printing and publishing.....	769	19,498	35,027,002	19,151,982	69,949,912	90,054,024
30 Hosiery and knitted goods.....	216	23,654	26,640,343	40,423,407	46,368,918	88,035,002
31 Biscuits, confectionery, cocoa, etc.....	231	13,952	17,428,577	41,715,991	41,773,487	84,627,083
32 Boots and shoes, leather.....	263	20,096	24,668,874	45,685,629	38,419,106	84,523,621
33 Tobacco, cigars and cigarettes..	72	10,619	13,844,074	43,839,561	37,981,339	82,111,234
34 Castings, iron.....	205	15,726	29,316,949	29,478,446	44,687,679	76,581,974
35 Scientific and professional equip- ment.....	49	7,226	13,964,073	52,605,810	17,404,946	70,323,034
36 Feeds, stock and poultry.....	222	3,486	5,563,756	57,914,289	11,703,901	70,250,739
37 Hardware and tools.....	244	14,901	26,025,726	20,238,543	47,410,504	68,945,881
38 Coke and gas products.....	34	4,757	9,013,108	37,746,482	24,213,270	68,483,305
39 Acids, alkalis and salts.....	35	7,022	14,527,508	22,351,361	36,517,138	67,467,062
40 Printing and bookbinding.....	1,331	16,847	25,279,944	23,702,464	39,520,894	63,881,768
Totals, Forty Leading Industries.....	19,919	816,271	1,384,893,065	3,488,160,315	2,627,719,571	6,285,506,906
Totals, All Industries.....	29,050	1,119,372	1,845,773,449	4,473,668,847	3,564,315,899	8,250,368,866
Percentage of leading industries to all industries.....	68.6	72.8	75.0	78.0	73.4	76.2
Primary textiles ¹	653	80,250	101,217,751	198,995,381	182,169,756	389,785,064

¹On a broader classification basis, the primary textile industry, which includes the production of cottons, woollens, silk, hosiery and knitted goods, and the dyeing and finishing of textiles, ranks first in number of employees, first in salaries and wages paid and third in gross value of production.

**21.—Principal Statistics of the Forty Leading Industries of Canada, Ranked
According to Gross Value of Products, 1946.**

	Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Value of Products	
		No.	No.	\$	\$	Net	Gross
						\$	\$
1	Pulp and paper.....	113	44,967	101,364,636	223,448,338	258,164,578	527,814,916
2	Slaughtering and meat packing.	147	22,536	40,313,025	408,033,456	64,868,839	475,953,154
3	Non-ferrous metal smelting and refining.....	15	14,546	30,648,361	212,865,030	69,565,922	304,718,524
4	Sawmills.....	6,001	49,352	63,811,260	156,107,527	129,408,392	287,910,057
5	Flour and feed mills.....	974	8,036	12,898,160	224,233,698	34,191,283	260,659,451
6	Butter and cheese.....	2,161	19,659	28,668,241	177,638,517	52,761,041	234,664,461
7	Electrical apparatus and supplies	266	43,998	74,510,479	101,939,272	129,968,926	234,572,653
8	Petroleum products.....	43	7,145	14,849,141	155,818,744	57,447,611	223,425,380
9	Automobiles.....	9	21,647	43,968,772	135,556,183	55,914,441	193,439,688
10	Clothing, women's factory.....	1,108	29,963	44,985,178	91,138,141	82,818,768	174,353,223
11	Railway rolling-stock.....	37	28,553	57,815,845	83,937,365	74,655,059	162,159,521
12	Rubber goods.....	60	22,055	37,813,363	62,135,578	93,451,248	159,408,113
13	Primary iron and steel.....	59	24,196	50,515,897	68,468,433	71,582,060	153,082,616
14	Clothing, men's factory.....	537	27,822	38,114,832	83,033,566	69,220,286	152,706,971
15	Bread and other bakery products.....	2,864	30,453	42,987,201	70,886,539	72,980,744	148,362,528
16	Machinery.....	299	27,003	50,246,824	50,760,795	93,031,472	145,638,248
17	Fruit and vegetable preparations	513	16,373	19,168,778	83,434,146	50,680,350	136,004,138
18	Sheet metal products.....	230	16,858	27,574,283	62,991,981	51,288,120	115,699,555
19	Miscellaneous foods, coffee, tea, etc.....	286	6,893	9,758,181	78,782,164	30,670,894	110,051,938
20	Cotton yarn and cloth.....	41	20,662	29,090,343	62,495,630	44,473,067	109,828,450
21	Breweries.....	61	8,644	17,743,749	23,416,499	84,270,490	109,299,587
22	Hosiery and knitted goods.....	247	24,941	30,210,507	47,270,879	56,681,420	105,208,699
23	Printing and publishing.....	775	21,462	39,846,308	24,578,088	78,689,074	104,305,064
24	Fish curing and packing.....	586	11,327	13,799,809	68,012,828	31,084,775	100,201,291
25	Boots and shoes, leather.....	294	22,334	29,023,596	52,340,814	43,612,607	96,435,251
26	Automobile supplies.....	124	15,348	27,808,618	43,519,483	48,250,348	93,428,899
27	Shipbuilding.....	79	20,246	40,975,731	25,915,348	64,535,796	91,851,460
28	Biscuits, confectionery, cocoa, etc.....	237	13,043	16,651,490	43,982,673	41,581,245	86,714,459
29	Feeds, stock and poultry.....	235	3,971	6,408,326	68,649,226	14,207,938	83,594,177
30	Castings, iron.....	219	16,925	31,381,935	27,446,850	52,484,740	82,278,070
31	Tobacco, cigars and cigarettes..	78	9,532	12,711,360	45,455,773	36,048,133	81,799,967
32	Planing mills, sash and door factories.....	1,078	14,012	19,628,779	47,501,520	31,424,769	79,920,764
33	Printing and bookbinding.....	1,406	19,376	30,219,639	29,038,267	48,873,014	78,647,105
34	Furniture.....	824	19,217	28,213,893	34,719,631	42,546,833	78,241,125
35	Boxes and bags, paper.....	160	11,975	16,476,657	41,169,182	32,759,600	74,500,862
36	Hardware, tools and cutlery....	276	15,868	27,259,296	22,823,598	48,915,105	73,059,549
37	Brass and copper products.....	162	10,252	18,425,724	39,983,930	30,874,312	72,056,922
38	Distilleries.....	18	4,075	7,122,533	21,437,733	44,326,434	67,119,358
39	Medicinal and pharmaceutical preparations.....	201	7,670	12,832,173	23,163,222	43,446,027	67,049,834
40	Silk and artificial silk goods....	36	13,100	18,890,121	24,099,473	39,550,662	65,521,067
Totals, Leading Industries.		22,839	766,035	1,264,733,044	3,348,230,120	2,501,306,423	6,001,687,095
Totals, All Industries.....		31,249	1,058,156	1,740,687,254	4,358,234,766	3,467,004,980	8,035,692,471
Percentage of Leading Industries to All Industries.....		73.2	72.4	72.7	76.8	72.2	74.7
Primary Textiles ¹		735	84,030	112,999,701	213,024,628	206,218,026	627,940,062

¹On a broader classification basis, the primary textile industry, which includes the production of cottons, woollens, silk, hosiery and knitted goods, and the dyeing and finishing of textiles, ranks first in number of employees, salaries and wages paid and gross value of production.

Section 4.—Principal Factors in Manufacturing Production

The subjects treated under this Section, in as much detail as limitations of space permit, include capital, employment, salaries and wages, size of establishments and power and fuel used in manufacturing.

Subsection 1.—Capital Employed

The remarkable increase in capital employed in Canadian manufactures from the beginning of the twentieth century has, of course, run parallel with the rapid growth in industrial operations. From 1900 to 1905 the capital increased from \$446,900,000 to \$833,900,000, and advanced to \$1,958,700,000 in 1915. During this period returns were received from establishments with 5 hands or over, and, while the rise in wholesale prices did not exceed 37 p.c., the capital employed in manufactures increased nearly 340 p.c.

The capital investment in 1943 in all establishments, irrespective of the number of employees, but exclusive of central electric stations, was \$6,317,000,000 as compared with \$2,334,000,000 in 1917, an increase of 171 p.c. while wholesale prices have declined about 13 p.c. in the same period.

Statistics on capital employed were discontinued in 1944.

22.—Percentage Distribution of Capital Employed in the Manufacturing Industries, by Provinces and Industrial Groups, Significant Years, 1917-43

Province or Group	1917	1920	1929	1933	1939	1941	1942	1943
	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
PROVINCE								
Prince Edward Island.....	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Nova Scotia.....	5.3	4.6	3.0	2.8	2.8	2.5	2.8	2.8
New Brunswick.....	2.6	3.5	2.3	2.7	2.5	2.0	1.9	1.8
Quebec.....	28.4	30.1	31.1	31.6	32.4	34.7	34.3	35.3
Ontario.....	49.6	50.1	49.6	48.4	48.3	47.6	48.0	47.4
Manitoba.....	3.6	3.2	3.0	3.1	3.3	3.3	3.2	2.8
Saskatchewan.....	1.0	0.8	1.1	1.2	1.0	1.0	0.8	0.9
Alberta.....	2.1	1.6	2.0	2.1	2.0	1.9	1.8	1.8
British Columbia and Yukon.....	7.3	6.0	7.8	8.0	7.6	6.9	7.1	7.1
Totals.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
INDUSTRIAL GROUP								
Vegetable products.....	12.0	12.7	14.5	15.9	14.8	12.9	12.0	10.8
Animal products.....	8.9	7.6	6.1	6.2	6.9	6.2	5.9	5.1
Textiles and textile products.....	8.2	10.4	9.0	9.1	9.5	9.0	8.4	7.2
Wood and paper products.....	23.0	26.5	28.8	27.2	26.4	22.1	19.7	17.5
Iron and its products.....	29.8	24.8	20.6	18.8	19.1	23.2	26.3	29.3
Non-ferrous metal products.....	3.0	3.7	7.5	8.1	9.5	11.1	11.2	10.7
Non-metallic mineral products.....	6.2	7.4	7.9	9.0	8.0	6.7	6.0	5.6
Chemicals and allied products.....	7.5	4.2	4.1	4.7	4.7	7.3	8.6	12.0
Miscellaneous industries.....	1.4	1.7	1.5	1.0	1.1	1.5	1.9	1.8

23.—Forms of Capital Employed in the Manufacturing Industries, by Provinces and Industrial Groups, 1943, with Totals for Significant Years, 1924-42

Year, Province or Group	Estab- lish- ments	Fixed Capital	Working Capital		Total Capital
		Land, Buildings, Fixtures, Machinery, Tools and Other Equipment	Inventory Value of Raw Materials, Stocks in Process, Fuel, and Mis- cellaneous Supplies on Hand	Inventory Value of Finished Products on Hand	
	No.	\$	\$	\$	\$
Totals, 1924	20,709	1,717,122,081	658,360,445	519,834,982	2,895,317,508
Totals, 1926	21,301	1,905,620,436	707,413,136	595,037,625	3,208,071,197
Totals, 1929	22,216	2,356,913,335	867,689,319	780,289,355	4,004,892,009
Totals, 1932	23,102	2,218,729,234	597,939,060	563,807,215	3,380,475,509
Totals, 1933	23,780	2,151,091,557	573,587,617	554,580,664	3,279,259,838
Totals, 1934	24,209	2,109,729,523	598,110,478	541,508,863	3,249,348,864
Totals, 1935	24,034	2,080,221,792	610,814,942	525,366,393	3,216,403,127
Totals, 1936	24,202	2,061,610,260	651,771,457	557,881,814	3,271,263,531
Totals, 1937	24,834	2,126,929,809	757,322,293	580,975,729	3,465,227,831
Totals, 1938	25,200	2,149,402,173	739,226,808	597,054,037	3,485,683,018
Totals, 1939	24,805	2,168,887,084	784,543,558	693,593,807	3,647,024,449
Totals, 1940	25,513	2,266,087,512	992,988,598	836,640,726	4,095,716,836
Totals, 1941	26,293	2,523,213,656	929,051,356	378,109,962	1,075,128,992
Totals, 1942	27,862	2,740,826,451	1,092,063,176	404,306,102	1,251,589,816
Totals, 1943	27,652	3,002,903,336	1,350,827,019	523,773,524	1,439,662,848
PROVINCES, 1943					
Prince Edward Island.....	230	2,079,533	529,646	285,766	986,887
Nova Scotia.....	1,278	92,028,183	31,957,646	22,592,192	32,785,682
New Brunswick.....	862	60,286,741	18,375,637	5,740,960	26,884,572
Quebec.....	9,372	1,056,284,069	478,397,975	166,178,728	526,759,614
Ontario.....	10,587	1,381,616,267	674,091,828	232,683,256	706,562,637
Manitoba.....	1,245	94,206,011	27,185,310	22,564,358	29,706,828
Saskatchewan.....	976	30,041,247	10,377,381	7,319,282	12,936,183
Alberta.....	1,133	64,301,736	14,909,801	14,525,409	17,855,473
British Columbia.....	1,961	218,592,648	94,054,866	51,774,221	85,038,313
Yukon and Northwest terri- tories.....	8	286,901	46,929	109,352	146,659
Totals, 1943	27,652	3,002,903,336	1,350,827,019	523,773,524	1,439,662,848
INDUSTRIAL GROUPS, 1943					
Vegetable products.....	5,913	282,619,237	147,178,142	91,891,156	162,603,768
Animal products.....	4,380	141,661,687	51,918,182	52,120,456	79,111,538
Textiles and textile products.....	2,384	190,613,728	113,098,355	25,036,301	126,307,645
Wood and paper products.....	9,974	707,656,824	138,239,069	35,482,901	222,605,422
Iron and its products.....	2,044	737,776,577	559,488,023	133,009,303	422,232,149
Non-ferrous metal products.....	597	353,314,896	129,588,556	28,360,562	163,538,388
Non-metallic mineral products.....	747	223,248,695	46,362,712	81,345,015	50,207,832
Chemicals and allied products.....	945	332,751,244	126,483,598	122,764,226	177,865,883
Miscellaneous industries.....	668	33,260,448	38,470,382	3,763,604	35,190,223

Statistics on capital employed are not collected since 1944.

Subsection 2.—Employment in Manufactures

Monthly Record of Employment.—Ordinarily, manufacturing employment in Canada reaches its highest point during the summer months. Some of the seasonal industries, such as canning, are most active then, textile industries are preparing

winter goods, and industry generally feels the active demand of the agricultural purchasing power resulting from the prospect of the season's harvest. After the setback of 1929, employment in 1930, 1931, 1932 and the first half of 1933 declined steadily, the monthly employment figures in each case being lower than the corresponding month of the previous year. The peak of employment in June, 1929, when 575,693 wage-earners were on the payrolls, was surpassed in September, 1937, with 582,305 wage-earners. With the outbreak of war the improvement in employment became increasingly rapid. A new high record was attained in August, 1943, when 1,067,890 wage-earners were employed, an increase of 96·4 p.c. over the same month in 1939. The highest employment during 1944 was attained in June when 1,049,557 wage-earners were employed. From then on employment declined steadily to the end of 1945 when 819,619 wage-earners were reported. At the end of 1946 there were 870,356 wage-earners employed. This compares with an employment of 961,820 wage-earners in December 1944 and 1,021,630 wage-earners in December 1943.

24.—Wage-Earners Employed in the Manufacturing Industries of Canada, by Months and Sex, Significant Years, 1922-46

Month	1922	1929	1933	1939	1943	1944	1945	1946
ALL WAGE-EARNERS								
January.....	324,257	502,644	340,027	490,337	1,023,261	1,026,066	976,768	832,096
February.....	336,729	519,423	347,777	496,160	1,030,878	1,024,951	979,604	836,643
March.....	349,110	536,866	355,888	503,475	1,036,648	1,024,820	976,531	848,408
April.....	360,248	555,711	358,759	509,739	1,033,748	1,022,100	974,254	868,372
May.....	382,504	574,905	377,659	530,864	983,058	1,032,946	977,472	885,034
June.....	393,935	575,693	392,196	531,245	1,058,645	1,049,557	970,001	891,810
July.....	391,186	573,554	393,464	529,575	1,056,975	1,047,811	949,792	884,704
August.....	389,511	567,022	402,249	543,605	1,067,890	1,048,686	918,271	892,482
September.....	392,423	564,796	410,954	562,355	1,066,595	1,029,965	874,373	888,728
October.....	385,262	553,338	405,757	568,564	1,053,486	1,011,340	856,767	897,549
November.....	378,992	527,213	396,384	563,117	1,049,738	998,940	848,057	896,389
December.....	367,724	499,893	380,612	544,817	1,021,630	961,820	819,619	870,356
MALE								
January.....	243,682	397,459	257,445	381,997	751,269	738,764	708,008	620,965
February.....	253,178	410,865	260,728	385,955	755,181	737,647	709,563	626,494
March.....	263,849	426,713	267,259	391,623	757,702	737,761	708,642	638,334
April.....	274,821	443,560	271,348	398,982	755,888	737,913	709,043	659,570
May.....	294,095	459,783	285,705	416,963	764,158	747,746	714,926	673,775
June.....	304,395	460,294	296,937	417,975	776,003	762,126	714,892	680,475
July.....	304,020	459,051	300,329	417,987	779,687	762,939	704,868	676,153
August.....	301,234	449,721	302,969	421,895	777,733	757,135	677,102	674,051
September.....	298,918	441,510	304,908	431,509	767,043	737,347	638,286	666,246
October.....	291,973	432,576	301,315	437,220	754,484	724,084	627,566	675,564
November.....	286,511	412,114	294,945	432,920	753,211	717,179	622,762	675,335
December.....	277,854	391,903	285,690	422,538	738,073	698,990	609,035	661,336
FEMALE								
January.....	80,575	105,185	82,582	108,340	271,992	287,302	268,760	211,131
February.....	83,551	108,558	87,049	110,205	275,697	287,304	270,041	210,149
March.....	85,261	110,153	88,629	111,852	278,946	287,059	267,889	210,074
April.....	85,427	112,142	87,411	110,757	277,860	284,187	265,211	208,802
May.....	88,409	115,122	91,954	113,901	218,900	285,200	262,546	211,259
June.....	89,540	115,399	95,259	113,270	282,642	287,431	255,109	211,335
July.....	87,166	114,503	93,135	111,588	277,288	284,872	244,924	208,551
August.....	88,277	117,301	99,280	121,710	290,157	291,551	241,169	218,431
September.....	93,505	123,286	106,046	130,846	299,552	292,618	236,087	222,482
October.....	93,289	120,762	104,442	131,344	299,002	287,256	229,201	221,985
November.....	92,481	115,099	101,439	130,197	296,527	281,761	225,295	221,054
December.....	89,870	107,990	94,922	122,279	283,557	262,830	210,584	209,020

25.—Wage-Earners Employed in the Manufacturing Industries of Canada, by Months, Sex and Industrial Groups, Significant years, 1939-46.

Month	1939	1943	1944	1945	1946
ALL WAGE-EARNERS					
	No.	No.	No.	No.	No.
Vegetable Products—					
January.....	72,227	88,815	94,906	106,312	107,223
February.....	72,523	88,751	94,491	106,689	105,624
March.....	72,628	87,572	94,295	105,689	104,356
April.....	70,208	84,963	93,241	102,802	104,620
May.....	72,149	85,453	93,456	102,050	105,401
June.....	73,802	88,331	98,263	104,312	109,344
July.....	77,014	92,931	104,672	110,972	108,280
August.....	84,280	97,129	113,317	114,055	116,243
September.....	91,088	105,571	118,217	122,440	124,938
October.....	85,045	99,664	109,229	114,894	122,381
November.....	81,842	98,343	106,480	112,179	119,297
December.....	78,562	95,217	100,550	106,596	114,754
MALE					
	No.	No.	No.	No.	No.
January.....	51,640	56,463	57,565	67,158	71,228
February.....	51,850	55,923	57,681	67,213	70,938
March.....	52,025	55,284	57,546	67,297	70,824
April.....	50,789	53,980	57,135	65,340	72,079
May.....	52,030	53,978	57,447	65,386	72,878
June.....	52,914	55,746	60,547	67,193	75,148
July.....	54,918	59,338	65,054	72,255	73,620
August.....	57,429	59,507	67,701	71,900	75,283
September.....	60,212	62,582	69,216	75,256	79,465
October.....	58,112	60,013	65,165	73,003	80,456
November.....	56,459	59,734	64,433	72,516	80,136
December.....	55,801	58,996	62,177	70,526	78,456
FEMALE					
	No.	No.	No.	No.	No.
January.....	20,587	32,352	37,341	39,154	35,995
February.....	20,673	32,828	36,810	39,476	34,686
March.....	20,603	32,288	36,749	38,392	33,532
April.....	19,419	30,983	36,106	37,462	32,541
May.....	20,119	31,475	36,009	36,664	32,523
June.....	20,888	32,585	37,716	37,119	34,196
July.....	22,096	33,593	39,618	38,717	34,660
August.....	26,851	37,622	45,616	42,155	40,960
September.....	30,876	42,989	49,001	47,184	45,473
October.....	26,933	39,651	44,064	41,891	41,925
November.....	25,383	38,609	42,047	39,663	39,161
December.....	22,761	36,221	38,373	36,070	36,298
ALL WAGE-EARNERS					
	No.	No.	No.	No.	No.
Animal Products—					
January.....	46,552	64,230	69,914	74,414	76,559
February.....	47,397	63,045	69,985	72,341	74,844
March.....	48,315	63,110	70,424	71,214	76,106
April.....	49,837	65,476	73,208	74,208	79,322
May.....	56,042	72,128	81,078	81,700	87,500
June.....	57,373	74,922	84,206	84,061	90,570
July.....	56,297	75,436	83,373	84,226	92,144
August.....	57,854	75,396	82,637	85,462	93,850
September.....	57,273	73,092	79,741	84,363	89,222
October.....	57,437	72,503	78,862	84,290	89,404
November.....	56,041	73,231	78,833	84,323	86,050
December.....	53,612	70,204	74,795	80,534	79,117

25.—Wage-Earners Employed in the Manufacturing Industries of Canada, by Months, Sex and Industrial Groups, Significant years, 1939-46—continued

Month	1939	1943	1944	1945	1946
Animal Products—concluded					
MALE					
	No.	No.	No.	No.	No.
January.....	36,619	45,583	48,978	52,025	54,859
February.....	37,016	44,526	48,696	50,434	53,635
March.....	37,603	44,636	48,939	49,435	54,397
April.....	39,013	45,880	51,146	51,264	56,803
May.....	42,924	49,297	55,645	55,122	61,557
June.....	44,279	51,707	57,994	56,979	64,102
July.....	44,208	52,344	57,873	57,817	65,907
August.....	44,735	51,944	56,976	58,702	67,071
September.....	44,406	50,126	54,861	58,575	63,679
October.....	44,687	50,338	54,530	59,231	64,427
November.....	43,514	51,146	54,863	59,682	62,088
December.....	41,804	49,680	52,414	57,345	57,221
FEMALE					
	No.	No.	No.	No.	No.
January.....	9,933	18,647	20,936	22,389	21,700
February.....	10,381	18,519	21,289	21,907	21,209
March.....	10,712	18,474	21,485	21,779	21,709
April.....	10,824	19,596	22,062	22,944	22,519
May.....	13,118	22,831	25,433	26,578	25,943
June.....	13,094	23,215	26,212	27,082	26,468
July.....	12,089	23,092	25,500	26,409	26,237
August.....	13,119	23,452	25,661	26,760	26,779
September.....	12,867	22,966	24,880	25,788	25,543
October.....	12,800	22,165	24,332	25,059	24,977
November.....	12,527	22,085	23,970	24,641	23,962
December.....	11,808	20,524	22,381	23,189	21,896
Textiles and Textile Products—					
ALL WAGE-EARNERS					
	No.	No.	No.	No.	No.
January.....	101,076	144,056	136,781	139,484	145,127
February.....	103,029	145,172	138,149	141,057	147,082
March.....	103,866	144,843	139,038	140,399	148,172
April.....	103,897	142,711	137,925	138,938	146,673
May.....	102,709	140,722	134,938	138,203	145,321
June.....	100,820	137,693	133,870	137,339	138,801
July.....	99,111	135,611	130,803	133,668	137,397
August.....	104,650	136,223	132,820	136,430	142,038
September.....	110,995	135,779	133,882	139,026	145,453
October.....	116,843	136,026	135,907	141,880	148,269
November.....	118,357	136,280	136,772	143,241	149,046
December.....	113,534	131,955	132,095	137,083	143,758
MALE					
	No.	No.	No.	No.	No.
January.....	46,808	55,089	52,221	52,841	58,181
February.....	47,187	55,381	52,377	52,953	59,276
March.....	47,064	54,880	52,520	52,456	59,779
April.....	47,254	53,966	51,968	51,737	59,222
May.....	46,486	52,804	50,707	51,192	58,908
June.....	46,175	51,969	50,603	51,408	55,529
July.....	46,427	52,132	50,294	51,163	56,292
August.....	48,191	51,802	50,890	52,326	57,874
September.....	50,581	50,968	50,238	52,884	59,589
October.....	53,271	50,766	50,586	54,224	60,440
November.....	54,238	51,115	51,346	55,546	61,189
December.....	52,585	50,613	50,271	54,636	60,067
FEMALE					
	No.	No.	No.	No.	No.
January.....	54,268	88,967	84,560	86,643	86,946
February.....	55,842	89,791	85,772	88,104	87,806
March.....	56,802	89,963	86,518	87,943	88,393
April.....	56,643	88,745	85,957	87,201	87,451
May.....	56,223	87,918	84,231	87,011	86,413
June.....	54,645	85,724	83,267	85,931	83,272
July.....	52,684	83,479	80,509	82,505	81,105
August.....	56,459	84,421	81,930	84,104	84,164
September.....	60,414	84,811	83,644	86,142	85,864
October.....	63,572	85,260	85,321	87,656	87,829
November.....	64,119	85,165	85,426	87,695	87,857
December.....	60,949	81,342	81,824	82,447	83,691

25.—Wage-Earners Employed in the Manufacturing Industries of Canada, by Months, Sex and Industrial Groups, Significant years, 1939-46.—continued

Month	1939	1943	1944	1945	1946
ALL WAGE-EARNERS					
	No.	No.	No.	No.	No.
Wood and Paper Products—					
January.....	101,221	132,845	138,391	143,210	158,357
February.....	103,805	135,215	140,810	145,741	161,529
March.....	106,757	138,312	144,717	150,336	167,434
April.....	110,567	142,710	151,126	158,265	179,375
May.....	121,258	151,726	160,170	167,009	184,970
June.....	124,554	160,770	166,686	172,179	190,171
July.....	122,651	159,833	164,257	169,589	194,281
August.....	119,523	156,357	160,559	166,125	192,531
September.....	117,354	151,248	154,531	161,588	187,612
October.....	114,956	144,924	148,935	158,752	182,319
November.....	110,940	142,064	145,286	156,601	177,447
December.....	106,464	136,427	139,146	151,233	171,421
MALE					
	No.	No.	No.	No.	No.
January.....	91,377	112,781	114,274	119,553	135,417
February.....	94,226	114,613	116,635	121,854	138,844
March.....	97,098	117,383	120,723	126,291	144,875
April.....	100,799	121,542	127,166	134,200	157,015
May.....	111,261	129,921	136,001	142,586	162,574
June.....	114,583	137,683	141,723	147,066	167,029
July.....	112,515	136,527	139,515	144,592	170,970
August.....	109,461	132,299	136,162	141,304	169,066
September.....	106,914	126,776	130,142	137,086	164,143
October.....	104,083	119,586	124,124	134,060	158,185
November.....	99,853	116,579	120,261	131,747	152,959
December.....	95,868	112,009	115,626	127,976	148,402
FEMALE					
	No.	No.	No.	No.	No.
January.....	9,844	20,064	24,117	23,657	22,940
February.....	9,579	20,602	24,175	23,887	22,685
March.....	9,659	20,929	23,994	24,045	22,559
April.....	9,768	21,168	23,960	24,065	22,360
May.....	9,997	21,805	24,169	24,423	22,396
June.....	9,971	23,087	24,963	25,113	23,142
July.....	10,136	23,306	24,742	24,997	23,311
August.....	10,062	24,058	24,397	24,821	23,465
September.....	10,440	24,472	24,389	24,502	23,469
October.....	10,873	25,338	24,811	24,692	24,134
November.....	11,087	25,485	25,025	24,854	24,488
December.....	10,596	24,418	23,520	23,257	23,019
ALL WAGE-EARNERS					
	No.	No.	No.	No.	No.
Iron and Its Products—					
January.....	98,065	378,921	379,693	324,842	208,853
February.....	98,488	384,395	377,166	325,121	209,321
March.....	99,436	387,422	373,294	320,772	212,428
April.....	100,915	383,878	365,508	313,880	215,402
May.....	101,371	382,665	362,671	310,611	217,148
June.....	96,412	384,779	363,396	304,749	216,887
July.....	95,796	381,523	363,195	291,504	208,671
August.....	97,313	390,439	358,976	264,386	204,285
September.....	103,938	388,714	347,286	223,167	202,128
October.....	111,553	387,643	341,705	214,196	212,541
November.....	113,202	386,855	334,982	209,954	212,690
December.....	112,685	377,611	325,960	205,152	211,334

25.—Wage-Earners Employed in the Manufacturing Industries of Canada, by Months, Sex and Industrial Groups, Significant years, 1939-46—continued

Month	1939	1943	1944	1945	1946
MALE					
	No.	No.	No.	No.	No.
Iron and Its Products—concluded					
January.....	94,216	329,818	323,708	285,712	197,539
February.....	94,648	333,626	322,124	285,909	198,054
March.....	95,599	334,848	319,403	282,172	201,130
April.....	97,100	331,494	313,241	276,822	204,004
May.....	97,542	329,913	311,151	274,873	205,597
June.....	92,755	331,301	312,314	271,455	205,301
July.....	92,201	332,078	311,915	262,232	197,443
August.....	93,646	335,245	308,201	241,037	193,266
September.....	99,732	331,387	299,531	207,643	191,097
October.....	106,943	329,088	296,236	200,310	201,285
November.....	108,771	328,647	292,096	196,990	201,186
December.....	108,350	321,977	287,041	193,141	200,130
FEMALE					
	No.	No.	No.	No.	No.
January.....	3,849	49,103	55,985	39,130	11,314
February.....	3,840	50,769	55,042	39,212	11,267
March.....	3,837	52,574	53,891	38,600	11,298
April.....	3,815	52,384	52,267	37,058	11,398
May.....	3,829	52,752	51,520	35,738	11,551
June.....	3,657	53,478	51,082	33,294	11,586
July.....	3,595	49,445	51,280	29,272	11,228
August.....	3,667	55,194	50,775	23,349	11,019
September.....	4,206	57,327	47,755	15,524	11,031
October.....	4,610	58,555	45,469	13,886	11,256
November.....	4,431	58,208	42,886	12,964	11,504
December.....	4,335	55,634	38,919	12,011	11,204
ALL WAGE-EARNERS					
	No.	No.	No.	No.	No.
Non-Ferrous Metal Products—					
January.....	33,086	91,024	92,521	78,929	65,485
February.....	32,850	91,689	91,467	78,640	66,708
March.....	33,194	91,801	90,427	77,792	66,622
April.....	33,361	91,409	89,527	77,513	68,279
May.....	33,874	91,795	88,192	74,871	68,698
June.....	34,427	91,742	89,037	72,560	68,777
July.....	34,830	92,836	87,367	70,462	67,308
August.....	35,361	93,463	85,868	67,261	67,554
September.....	36,485	94,225	83,821	64,208	64,179
October.....	37,442	94,785	84,046	64,528	65,546
November.....	38,012	94,928	83,731	64,933	73,710
December.....	37,534	94,308	80,292	64,355	73,773
MALE					
	No.	No.	No.	No.	No.
January.....	28,946	68,718	65,959	55,837	49,088
February.....	28,722	69,222	64,743	55,844	50,272
March.....	28,973	68,991	63,535	55,402	50,325
April.....	29,133	68,203	62,841	54,873	51,894
May.....	29,448	68,203	61,703	53,468	52,320
June.....	29,662	67,857	62,243	52,308	52,385
July.....	29,870	68,172	61,358	51,017	51,304
August.....	30,227	68,025	60,496	48,896	51,382
September.....	31,101	67,679	58,672	47,363	48,857
October.....	31,816	67,371	58,603	47,700	50,077
November.....	32,262	68,068	58,558	47,952	56,334
December.....	32,111	67,317	56,724	48,015	56,658

25.—Wage-Earners Employed in the Manufacturing Industries of Canada, by Months, Sex and Industrial Groups, Significant years, 1939-46—continued

Month	1939	1943	1944	1945	1946
FEMALE					
Non-Ferrous Metal Products—concl.	No.	No.	No.	No.	No.
January.....	4,140	22,306	26,562	23,092	16,397
February.....	4,128	22,467	26,724	22,796	16,436
March.....	4,221	22,810	26,892	22,390	16,297
April.....	4,228	23,206	26,686	22,640	16,385
May.....	4,426	23,592	26,489	21,403	16,378
June.....	4,765	23,885	26,794	20,252	16,392
July.....	4,960	24,664	26,009	19,445	16,004
August.....	5,134	25,438	25,372	18,365	16,172
September.....	5,384	26,546	25,149	16,845	15,322
October.....	5,626	27,414	25,443	16,828	15,469
November.....	5,750	26,860	25,173	16,981	17,376
December.....	5,423	26,991	23,568	16,340	17,115
ALL WAGE-EARNERS					
Non-Metallic Mineral Products—	No.	No.	No.	No.	No.
January.....	15,780	25,144	25,814	25,317	27,949
February.....	15,563	24,722	25,902	25,718	28,195
March.....	16,128	24,867	25,965	25,984	29,056
April.....	17,276	25,184	26,075	26,391	30,320
May.....	19,265	25,278	26,494	26,749	31,440
June.....	20,294	25,943	26,946	27,327	32,170
July.....	20,602	26,538	27,004	27,644	32,026
August.....	20,584	26,348	26,581	27,748	31,374
September.....	20,228	25,881	26,025	27,432	30,729
October.....	19,586	25,660	25,947	28,002	31,527
November.....	18,968	25,933	25,897	28,099	31,915
December.....	17,648	25,601	25,257	27,319	31,168
MALE					
	No.	No.	No.	No.	No.
January.....	15,241	22,571	22,705	22,237	25,401
February.....	15,050	22,176	22,679	22,569	25,530
March.....	15,590	22,214	22,737	22,726	26,362
April.....	16,731	22,435	22,837	23,087	27,611
May.....	18,584	22,507	23,278	23,410	28,714
June.....	19,560	23,057	23,615	23,992	29,486
July.....	19,900	23,501	23,685	24,330	29,378
August.....	19,852	23,229	23,280	24,503	28,911
September.....	19,494	22,716	22,815	24,301	28,413
October.....	18,900	22,605	22,744	24,966	29,172
November.....	18,339	22,779	22,721	25,145	29,397
December.....	17,010	22,494	22,160	24,511	28,761
FEMALE					
	No.	No.	No.	No.	No.
January.....	539	2,573	3,109	3,080	2,548
February.....	513	2,546	3,223	3,149	2,665
March.....	538	2,653	3,228	3,258	2,694
April.....	545	2,749	3,238	3,304	2,709
May.....	681	2,771	3,216	3,339	2,726
June.....	734	2,886	3,331	3,335	2,684
July.....	702	3,037	3,319	3,314	2,648
August.....	732	3,119	3,301	3,245	2,463
September.....	734	3,165	3,210	3,131	2,316
October.....	686	3,055	3,203	3,036	2,355
November.....	647	3,154	3,176	2,954	2,518
December.....	638	3,107	3,097	2,808	2,407

25.—Wage-Earners Employed in the Manufacturing Industries of Canada, by Months, Sex and Industrial Groups, Significant years, 1939-46—continued

Month	1939	1943	1944	1945	1946
ALL WAGE-EARNERS					
Chemicals and Allied Products—	No.	No.	No.	No.	No.
January.....	13,724	79,461	68,780	64,693	26,290
February.....	13,760	78,983	67,533	64,571	26,741
March.....	14,039	79,239	67,121	64,487	27,190
April.....	14,459	78,434	65,810	62,405	27,332
May.....	14,794	77,073	66,140	56,439	27,342
June.....	14,094	74,645	66,835	47,282	27,387
July.....	14,017	72,935	67,406	42,074	27,041
August.....	14,383	72,657	68,193	37,146	27,045
September.....	15,145	72,294	67,334	33,486	26,759
October.....	15,694	72,564	67,356	31,922	27,415
November.....	15,837	72,439	67,385	30,281	27,821
December.....	15,504	70,880	64,623	29,347	27,462
MALE					
	No.	No.	No.	No.	No.
January.....	10,706	48,836	42,006	41,008	19,112
February.....	10,767	48,246	41,217	41,098	19,591
March.....	10,971	47,927	40,901	41,173	20,063
April.....	11,358	46,967	40,016	40,039	20,307
May.....	11,659	46,060	40,177	37,179	20,368
June.....	10,943	44,776	41,000	32,511	20,327
July.....	10,953	43,878	41,362	29,634	20,044
August.....	11,145	43,705	41,540	26,416	20,013
September.....	11,788	43,166	40,539	23,743	19,718
October.....	12,131	43,207	40,697	22,870	20,177
November.....	12,249	43,722	41,428	21,806	20,491
December.....	12,187	43,567	41,203	21,564	20,455
FEMALE					
	No.	No.	No.	No.	No.
January.....	3,018	30,625	26,774	23,685	7,178
February.....	2,993	30,737	26,316	23,473	7,150
March.....	3,068	31,312	26,220	23,314	7,127
April.....	3,101	31,467	25,794	22,366	7,025
May.....	3,135	31,013	25,963	19,260	6,974
June.....	3,151	29,869	25,835	14,771	7,060
July.....	3,064	29,057	26,044	12,440	6,997
August.....	3,238	28,952	26,653	10,730	7,032
September.....	3,357	29,128	26,795	9,743	7,041
October.....	3,563	29,357	26,659	9,052	7,238
November.....	3,588	28,717	25,957	8,475	7,330
December.....	3,317	27,313	23,420	7,783	7,007
ALL WAGE-EARNERS					
Miscellaneous Industries—	No.	No.	No.	No.	No.
January.....	8,606	18,762	19,266	19,567	16,253
February.....	8,745	18,906	19,448	19,726	16,599
March.....	9,112	18,982	19,539	19,858	17,044
April.....	9,219	18,983	19,680	19,852	17,049
May.....	9,402	19,218	19,807	19,840	17,214
June.....	9,469	19,820	20,318	20,192	17,703
July.....	9,257	19,332	19,734	19,653	17,556
August.....	9,657	19,878	19,735	19,658	17,562
September.....	9,849	19,791	19,128	18,663	17,708
October.....	9,958	19,717	19,353	18,303	18,147
November.....	9,900	19,765	19,574	18,446	18,413
December.....	9,274	19,427	19,102	18,000	17,569

25.—Wage-Earners Employed in the Manufacturing Industries of Canada, by Months, Sex and Industrial Groups, Significant years, 1939-46—concluded

Month	1939	1943	1944	1945	1946
MALE					
	No.	No.	No.	No.	No.
Miscellaneous Industries—concluded					
January.....	6,444	11,410	11,348	11,637	10,140
February.....	6,489	11,468	11,495	11,689	10,354
March.....	6,700	11,539	11,457	11,690	10,579
April.....	6,805	11,421	11,563	11,681	10,635
May.....	7,029	11,475	11,637	11,710	10,859
June.....	7,104	11,907	12,087	11,980	11,168
July.....	6,995	11,717	11,883	11,828	11,195
August.....	7,209	11,977	11,889	12,018	11,185
September.....	7,281	11,643	11,333	11,435	11,285
October.....	7,277	11,510	11,399	11,202	11,345
November.....	7,235	11,521	11,473	11,378	11,555
December.....	6,822	11,420	11,374	11,321	11,186
FEMALE					
	No.	No.	No.	No.	No.
January.....	2,162	7,352	7,918	7,930	6,113
February.....	2,256	7,438	7,953	8,037	6,245
March.....	2,412	7,443	8,082	8,168	6,465
April.....	2,414	7,562	8,117	8,171	6,414
May.....	2,373	7,743	8,170	8,130	6,355
June.....	2,365	7,913	8,231	8,212	6,535
July.....	2,262	7,615	7,851	7,825	6,361
August.....	2,448	7,901	7,846	7,640	6,377
September.....	2,568	8,148	7,795	7,228	6,423
October.....	2,681	8,207	7,954	7,101	6,802
November.....	2,665	8,244	8,101	7,068	6,858
December.....	2,452	8,007	7,728	6,679	6,383

Hours Worked by Wage-Earners.—From 1932, the first year for which figures on hours worked per week by wage-earners are available, to 1945, each firm was required to report the number of hours worked by all its wage-earners during the month in which the greatest number had been employed, the only exception being the years 1938 and 1939 when one week in a month of normal employment was reported. In 1938 the number of hours worked per week were compiled by sex, and a change was also made in the analysis of the weekly hours worked. Since 1940 the hours worked per week include overtime while prior to that overtime was excluded. These changes make it impossible to measure accurately the changes in the number of hours worked per week. In any case, the figures in Table 26 do not refer to any particular month, since the month of highest employment might be May for one firm and October for another; they represent the summation of the different months of highest employment as reported by all firms. For a given industry, however, the month of highest employment is more significant as in this case it coincides for a great number of firms engaged in the same industry.

For all wage-earners, the hours worked per week declined from 48·9 in 1932 to 47·2 in 1939, and reached 50·6 in 1941, some of the increase no doubt being due to the inclusion of overtime. Since then there was a counter movement in the hours worked, especially among females, due to the employment of many workers on a part-time basis. Whereas in 1939 there were only 2·8 p.c. of male and 5·3 p.c. of female wage-earners working under 30 hours per week, in 1944 these percentages rose to 5·3 and 12·5 respectively. Since the end of the war the normal working week has been dropping steadily. In 1945 average hours per week for male wage-earners totalled 47·6 and for females 42·7.

The method of collecting statistics on hours worked was changed for 1946. Instead of collecting this information for one week in the month of highest employment which varied from plant to plant, the last week in November was chosen for the base period. The question on hours worked was taken out of the annual schedules used in connection with the census of manufactures and this information is now collected by the Employment Statistics Branch. Establishments employing 15 hands or over only are covered. The statistics for 1946 are therefore not exactly comparable with those for earlier years which include all establishments, both large and small. In 1946 average hours worked per week totalled 43.7, 44.9 for males and 40.0 for females.

26.—Wage-Earners in Manufacturing, Working Specified Numbers of Hours¹ per Week in the Month of Highest Employment, 1938-45

NOTE.—Hours worked per week in 1932-37 are given at p. 386 of the 1942 edition of the Canada Year Book; in 1940 at p. 392 of the 1943-44 edition.

Hours Worked per Week	1938	1939	1942	1943	1944	1945
ALL WAGE-EARNERS						
	No.	No.	No.	No.	No.	No.
30 or less.....	24,073	19,849	48,714	74,406	87,817	79,398
31-43.....	99,125	85,597	98,200	128,755	151,280	174,378
44.....	83,763	81,128	88,049	88,964	112,840	130,536
45-47.....	66,268	64,031	80,613	100,861	108,585	116,431
48.....	121,625	130,506	244,899	248,083	245,024	230,175
49-50.....	62,294	65,822	105,434	115,606	116,473	105,331
51-54.....	39,596	46,165	147,229	151,231	128,580	90,411
55.....	20,575	24,316	63,702	62,701	51,965	34,748
56-64.....	60,755	61,067	193,297	176,730	140,295	81,517
65 or over.....	8,755	8,478	73,590	60,665	46,046	33,571
Totals, Wage-Earners.....	586,829	586,959	1,143,727	1,208,002	1,188,905	1,076,496
Average Hours per Week.....	46.7	47.2	50.2	48.8	47.5	46.2
MALE						
	No.	No.	No.	No.	No.	No.
30 or less.....	15,439	12,868	30,166	39,985	45,414	41,111
31-43.....	75,842	64,780	59,146	68,530	83,293	100,446
44.....	59,983	57,667	58,342	53,563	76,141	89,623
45-47.....	47,877	45,703	47,403	62,701	67,306	75,391
48.....	97,287	103,636	182,783	185,913	182,798	175,116
49-50.....	45,981	48,378	70,870	75,975	80,878	77,019
51-54.....	33,744	37,439	106,657	114,739	100,621	72,781
55.....	16,493	19,766	48,996	49,194	42,214	28,910
56-64.....	56,171	56,837	171,775	158,657	128,751	74,043
65 and over.....	8,224	8,036	67,776	56,837	42,618	31,311
Totals, Male Wage-Earners.....	457,041	455,110	843,914	866,094	850,034	765,751
Average Hours per Week.....	47.3	48.1	51.3	50.4	49.1	47.6
FEMALE						
	No.	No.	No.	No.	No.	No.
30 or less.....	8,634	6,981	18,548	34,421	42,403	38,287
31-43.....	23,283	20,817	39,054	60,225	67,987	73,932
44.....	23,780	23,461	29,707	35,401	36,699	40,913
45-47.....	18,391	18,328	33,210	38,160	41,279	41,040
48.....	24,338	26,870	62,116	62,170	62,226	55,059
49-50.....	16,313	17,444	34,564	39,631	35,595	28,312
51-54.....	5,852	8,726	40,572	36,492	27,959	17,630
55.....	4,082	4,550	14,706	13,507	9,751	5,838
56-64.....	4,584	4,230	21,522	18,073	11,544	7,474
65 or over.....	531	442	5,814	3,828	3,428	2,260
Totals, Female Wage-Earners.....	129,788	131,849	299,813	341,908	338,871	310,745
Average Hours per Week.....	44.6	45.2	46.9	44.8	43.6	42.7

¹For 1938 and 1939, the hours worked do not include overtime, while for 1940 to 1945 overtime is included.

27.—Wage-Earners in Manufacturing Working Specified Numbers of Hours During the Last Week in November, 1946¹.

Hours Worked per Week	All Wage-Earners	Male	Female
	p.c.	p.c.	p.c.
30 or less.....	6.7	4.7	13.1
31-39.....	10.8	8.0	19.7
40.....	9.9	9.6	10.8
41-43.....	11.5	10.6	14.6
44.....	10.3	10.7	8.9
45-47.....	18.2	18.8	16.1
48.....	13.7	15.8	7.1
49-50.....	6.6	7.1	5.0
51-54.....	5.4	6.3	2.5
55.....	1.6	1.9	0.9
56-64.....	4.4	5.4	1.2
65 or over.....	0.9	1.1	0.1
	100.0	100.0	100.0
Average Hours per Week.....	43.7	44.9	40.0

1. Includes only establishments employing 15 hands or over.

Subsection 3.—Salaries and Wages in Manufacturing Industries

In 1946 the 31,249 establishments covered employed 181,006 salaried employees and 877,150 wage-earners, a total of 1,058,156 persons. Out of every 1,000 persons employed in manufacturing 171 were classed as salary earners and 829 as wage-earners; the former earned 23.6 p.c. and the latter 76.4 p.c. of the total amount paid out as remuneration for services.

A notable feature during the past few years was the reduction in the disparity between average annual salaries and wages. Whereas in 1939 average annual wages were only 55.8 p.c. of average annual salaries, in 1943 the percentage rose to 75.8 and declined to 66.8 in 1946. This tendency towards equalization was, in part, due to the controls adopted by the Government during the war years which tended to stabilize salaries more so than wages. The increase in average wages was also influenced by the fact that large numbers of wage-earners were employed in the highly paid iron and steel industries and by the increase in number of hours worked, some of it at overtime pay.

Ontario has a larger proportion of females among its salaried employees than the other provinces. The same situation prevails in Quebec with regard to wage-earners, due, no doubt, to the textile industries of the Province. The importance of the textile industries in providing employment to females is strikingly illustrated by the fact that of all female wage-earners engaged in the manufacturing industries of Canada in 1946, 40.0 p.c. were found in the textile group. Normally the percentage is much higher. During the war large numbers of female wage-earners were employed in the aircraft and miscellaneous chemical industries. For this reason the percentage employed in the textile industries during these years declined.

The average salary in 1946 amounted to \$2,270 which was \$524 or 30 p.c. higher than in 1939. Salaried employees in Ontario with \$2,356 received the highest salary. Quebec was second with \$2,297, British Columbia third with \$2,200 and Manitoba fourth with \$2,090. The fact that head offices of many large corporations are located in Montreal, Toronto, Winnipeg and Vancouver tends to raise the average salaries in the provinces in which these cities are located.

The average wage in 1946 amounted to \$1,516 which was \$541 or 55.5 p.c. higher than in 1939. The manufacturing industries of British Columbia paid the highest average wage of \$1,750, followed by Ontario with \$1,552, Manitoba \$1,491, Alberta \$1,477, Saskatchewan \$1,455, Quebec \$1,445, etc. The high figures shown for Yukon and Northwest Territories in regard to average wages are due to the unusual conditions under which industry is carried on in these regions and are not representative. Statistics of the distribution of employees by provinces and groups as well as average annual earnings are given in Table 28.

28.—Salaries and Wages Paid in Manufacturing Industries, by Provinces and Industrial Groups, 1946, with Totals for Significant Years, 1917-45

Year	Salaries				Wages			
	Salaried Employees		Total Salaries	Average Salaries	Wage-Earners		Total Wages	Average Wages
	Male	Female			Male	Female		
	No.	No.	\$	\$	No.	No.	\$	\$
1917.....	64,918		85,353,667	1,315	541,605		412,448,177	762
1920.....	78,334		141,837,361	1,811	520,559		575,656,515	1,106
1922.....	71,586		129,836,831	1,814	384,670		359,560,399	935
1924.....	54,379	15,641	130,344,822	1,851	322,719	94,871	404,122,853	968
1926 ¹	58,245	17,092	142,353,900	1,890	374,244	109,580	483,328,342	999
1929 ¹	67,731	21,110	175,553,710	1,976	454,768	122,922	601,737,507	1,042
1930 ¹	64,161	20,556	169,992,216	2,007	416,790	113,195	527,563,162	995
1931 ²	71,198	20,292	172,289,695	1,883	337,636	99,513	415,277,895	950
1932.....	68,264	18,786	151,355,790	1,739	288,817	92,966	322,245,926	844
1933.....	67,875	18,761	139,317,946	1,608	287,266	94,756	296,929,878	777
1934.....	71,963	20,132	148,760,126	1,615	326,598	101,119	355,090,929	830
1935.....	76,213	21,717	160,455,080	1,638	353,790	104,944	399,012,697	870
1936.....	81,409	23,027	173,198,057	1,659	379,977	109,965	438,873,377	896
1937.....	91,092	24,735	195,983,475	1,692	427,285	117,339	525,743,562	965
1938.....	95,276	25,319	207,386,381	1,719	409,172	112,255	498,282,208	956
1939.....	98,165	26,607	217,839,334	1,746	415,488	117,854	519,971,819	975
1940.....	104,267	31,493	241,599,761	1,780	491,439	135,045	679,273,104	1,084
1941.....	117,251	41,693	286,336,861	1,801	626,825	175,409	978,525,782	1,220
1942.....	123,125	54,062	334,870,793	1,890	732,319	242,585	1,347,934,049	1,383
1943.....	128,679	64,516	388,857,505	2,013	762,554	285,019	1,598,434,879	1,525
1944.....	126,858	65,700	418,065,594	2,171	744,635	285,689	1,611,555,776	1,564
1945.....	128,601	62,106	417,857,619	2,191	680,620	248,045	1,427,915,830	1,538
PROVINCES, 1946								
Prince Edward Island.....	300	76	394,735	1,050	908	471	1,256,734	911
Nova Scotia.....	2,971	905	6,931,360	1,788	22,193	3,655	36,128,899	1,398
New Brunswick.....	2,390	791	5,978,530	1,879	15,947	3,604	27,173,389	1,390
Quebec.....	42,251	16,180	134,254,799	2,297	211,169	87,676	431,731,306	1,445
Ontario.....	59,899	29,558	210,784,299	2,356	310,972	97,691	634,432,248	1,552
Manitoba.....	4,634	1,746	13,335,733	2,090	24,300	7,687	47,682,612	1,491
Saskatchewan.....	2,100	723	4,668,247	1,654	7,803	1,331	13,288,070	1,455
Alberta.....	3,343	1,116	8,079,023	1,812	14,995	3,195	26,860,065	1,477
British Columbia.....	9,097	2,906	26,410,403	2,200	54,351	9,130	111,096,242	1,750
Yukon and Northwest Territories.....	17	3	38,647	1,932	61	11	161,913	2,249
Totals, 1946 ³	127,002	54,004	410,875,776	2,276	662,699	214,451	1,329,811,478	1,516

¹The averages of wage-earners and earnings for the years 1931 to 1945 are strictly comparable with those for the years up to 1925 but not with those for the intervening years. The figures for the latest years—as for the earliest—represent the earnings for complete man-years of work, with no allowance for periods of unemployment. The difference amounts only to about 3 or 4 p.c. in the total figures and affects chiefly the seasonal industries.

²The increase in the number of salaried employees in 1931 is due to the following changes in method: (1) Prior to 1931 working proprietors, such as bakers, sawmill operators, small clothing manufacturers, etc., were required to report themselves as wage-earners. In 1931 and subsequent years, however, all such proprietors reported themselves as salaried employees. (2) In 1931 travelling salesmen who were attached to the plant, and devoted all or the greater part of their time to selling the products of that plant, were included with salaried employees. Prior to this they were not reported at all.

³For statistics of annual earnings of wage-earners by sex, see tables 33 and 34.

28.—Salaries and Wages Paid in Manufacturing Industries, by Provinces and Industrial Groups, 1946, with Totals for Significant Years, 1917-45—concluded

Year	Salaries				Wages			
	Salaried Employees		Total Salaries	Average Salaries	Wage-Earners		Total Wages	Average Wages
	Male	Female			Male	Female		
	No.	No.	\$	\$	No.	No.	\$	\$
INDUSTRIAL GROUP, 1946								
Vegetable products.....	17,619	7,416	54,503,739	2,177	75,225	36,910	152,389,942	1,359
Animal products.....	13,015	4,917	35,096,105	1,957	60,736	24,176	116,421,732	1,371
Textiles and textile products.....	12,316	7,489	52,363,705	2,644	58,904	86,028	175,654,618	1,212
Wood and paper products.....	32,593	10,878	87,385,351	2,010	157,119	23,531	278,664,211	1,543
Iron and its products.....	26,923	11,247	95,171,196	2,493	199,762	11,347	380,641,787	1,803
Non-ferrous metal products.....	11,297	5,485	40,196,279	2,395	51,754	16,317	110,169,899	1,618
Non-metallic mineral products.....	4,347	1,456	13,086,515	2,254	28,119	2,568	50,762,125	1,654
Chemicals and allied products.....	6,373	3,728	24,072,730	2,383	20,077	7,100	42,465,802	1,563
Miscellaneous industries.....	2,519	1,385	9,000,156	2,305	11,003	6,474	22,641,362	1,295

29.—Salaries and Wages Paid in the Forty Leading Industries, 1946, with Comparative Figures of Average Salaries and Wages Paid in 1945
(Industries ranked according to the aggregate salaries and wages paid)

Industry	Salaries					Wages				
	Salaried Employees		Total Salaries	Average Salaries		Wage-Earners		Total Wages	Average Wages	
	Male	Female		1946	1945	Male	Female		1946	1945
	No.	No.	\$	\$	\$	No.	No.	\$	\$	\$
1 Pulp and paper.....	5,245	1,665	20,959,990	3,033	2,803	37,262	795	80,404,646	2,113	1,873
2 Electrical apparatus and supplies.....	6,615	3,483	22,888,463	2,267	2,270	22,555	11,345	51,622,016	1,523	1,576
3 Sawmills.....	8,019	547	8,343,488	974	963	40,037	749	55,467,772	1,360	1,280
4 Railway rolling-stock..	1,772	274	5,352,124	2,616	2,515	26,386	121	52,463,721	1,979	1,986
5 Primary iron and steel..	1,814	815	7,413,359	2,820	2,669	21,373	194	43,102,538	1,998	1,907
6 Machinery.....	4,231	1,971	14,369,671	2,316	2,140	19,824	977	35,877,153	1,725	1,693
7 Clothing, women's factory.....	2,819	1,821	12,440,867	2,681	2,544	5,637	19,686	32,544,311	1,285	1,199
8 Automobiles.....	2,332	995	9,404,030	2,827	2,762	18,189	131	34,564,742	1,887	2,365
9 Bread and other bakery products.....	3,618	1,228	8,169,704	1,686	1,547	18,694	6,913	34,817,497	1,360	1,275
10 Shipbuilding and repairs.....	1,430	498	5,120,743	2,656	2,310	18,141	177	35,854,988	1,957	2,046
11 Slaughtering and meat-packing.....	3,047	1,171	9,630,818	2,283	2,123	14,983	3,335	30,682,207	1,675	1,630
12 Printing and publishing.....	6,543	3,492	19,567,211	1,950	1,896	9,473	1,954	20,279,097	1,775	1,705
13 Clothing, men's factory	2,505	1,328	10,300,478	2,687	2,681	7,068	16,921	27,814,354	1,159	1,137
14 Rubber goods, incl. rubber footwear.....	3,038	1,464	10,306,594	2,289	2,173	12,739	4,814	27,506,769	1,567	1,558
15 Castings, iron.....	1,292	564	4,575,279	2,465	2,403	14,693	376	26,806,656	1,779	1,800
16 Non-ferrous metal smelting and refining.....	1,800	438	6,277,577	2,805	2,478	12,239	69	24,370,784	1,980	1,928
17 Printing and book-binding.....	3,129	1,349	9,350,083	2,088	2,031	9,842	5,056	20,869,556	1,400	1,322
18 Hosiery and knitted goods.....	1,353	1,029	5,852,571	2,457	2,301	7,444	15,115	24,357,936	1,080	1,002
19 Cotton yarn and cloth.	798	533	3,472,978	2,609	2,396	11,610	7,721	25,617,365	1,325	1,223
20 Boots and shoes, leather.....	1,775	755	5,927,432	2,343	2,346	11,178	8,626	23,096,164	1,166	1,077
21 Butter and cheese.....	3,809	1,539	7,288,689	1,363	1,280	13,022	1,289	21,379,552	1,494	1,424
22 Furniture.....	1,999	644	5,582,581	2,112	2,072	15,168	1,406	22,631,312	1,365	1,281
23 Automobile supplies.....	1,617	793	6,056,425	2,513	2,444	11,058	1,880	21,752,193	1,681	1,817
24 Sheet metal products..	1,809	834	5,962,177	2,256	2,223	11,654	2,561	21,612,106	1,520	1,513
25 Hardware, tools and cutlery.....	1,540	948	6,010,312	2,416	2,421	10,784	2,596	21,248,984	1,588	1,627
26 Agricultural implements.....	1,611	707	5,436,844	2,345	2,104	11,304	244	20,038,264	1,735	1,739

29.—Salaries and Wages Paid in the Forty Leading Industries, 1946, with Comparative Figures of Average Salaries and Wages Paid in 1945—concluded

Industry	Salaries					Wages				
	Salaried Employees		Total Salaries	Average Salaries		Wage-Earners		Total Wages	Average Wages	
	Male	Female		1946	1945	Male	Female		1946	1945
	No.	No.	\$	\$	\$	No.	No.	\$	\$	\$
27 Aircraft.....	2,322	925	8,019,265	2,470	2,282	7,809	349	16,439,820	2,015	2,211
28 Planing mills, sash and door factories.....	1,959	424	4,072,002	1,709	1,690	11,409	220	15,556,777	1,338	1,253
29 Fruit and vegetable preparations.....	1,439	759	4,126,509	1,877	1,815	7,521	6,654	15,042,269	1,061	1,001
30 Silk and artificial silk.....	872	523	3,782,939	2,712	2,558	7,474	4,231	15,107,182	1,291	1,212
31 Brass and copper products.....	1,160	596	4,572,900	2,604	2,567	7,151	1,345	13,852,824	1,630	1,829
32 Breweries.....	1,233	319	4,880,558	3,145	2,935	6,798	294	12,863,191	1,814	1,787
33 Biscuits, confectionery, cocoa, etc.....	1,266	685	4,581,029	2,348	2,284	4,677	6,415	12,070,461	1,088	1,013
34 Boxes and bags, paper.....	1,020	596	4,169,569	2,580	2,486	5,159	5,200	12,307,088	1,188	1,111
35 Petroleum products.....	1,091	225	3,558,771	2,704	2,619	5,749	80	11,290,370	1,937	1,918
36 Fish curing and packing.....	1,166	232	2,156,716	1,543	1,577	7,183	2,746	11,643,093	1,173	1,039
37 Woollen cloth.....	573	348	2,484,855	2,698	2,711	4,935	4,057	11,182,029	1,243	1,189
38 Heating and cooking apparatus.....	688	376	2,509,805	2,359	2,060	6,478	283	10,517,799	1,556	1,603
39 Flour and feed mills.....	1,684	467	3,804,180	1,769	1,636	5,604	281	9,093,980	1,545	1,456
40 Medicinal and pharmaceutical preparations.....	1,410	1,192	6,412,825	2,465	2,194	2,314	2,754	6,419,348	1,267	1,157
Totals, Forty Leading Industries.....	93,443	38,552	295,192,411	2,236	(—)	502,618	149,960	1,010,168,914	1,548	(—)
Grand Totals, All Industries.....	127,002	54,004	410,875,776	2,270	2,191	662,699	214,451	1,329,811,478	1,516	1,538

Average Annual Earnings in the Forty Leading Industries.—In only two industries, breweries and pulp and paper, were average salaries above \$3,000. In fourteen others they ranged between \$2,500 and \$3,000. These industries, in descending order, were: automobiles, primary iron and steel, non-ferrous metal smelting and refining, silk and artificial silk, petroleum products, woollen cloth, men's factory clothing, women's factory clothing, shipbuilding and repairs, railway rolling-stock, cotton yarn and cloth, brass and copper products, boxes and bags, paper, and automobile supplies. In sixteen others they ranged between \$2,000 and \$2,500, while in the remaining eight they were below \$2,000. The sawmill and butter and cheese industries with \$974 and \$1,363 respectively were the lowest paying industries in this category.

The highest annual wage, those above \$1,800, were paid in nine industries, in all of which the proportion of skilled workers is high and the proportion of female workers is low. The pulp and paper industry with \$2,113 was the highest in this group, followed by aircraft with \$2,015, primary iron and steel \$1,998, non-ferrous metal smelting and refining \$1,980, railway rolling-stock \$1,979, shipbuilding \$1,957, petroleum products \$1,937, automobiles \$1,887 and breweries \$1,814. In thirteen other industries average wages ranged between \$1,500 and \$1,800, in eleven others they were \$1,200 to \$1,500, while in the remaining seven they were below \$1,200. This latter group includes industries made up of a large number of small establishments and in which the proportion of female workers is high. Paper boxes and bags, fish curing and packing, leather boots and shoes, men's factory clothing, biscuits and confectionery, hosiery and knitted goods, and fruit and vegetable preparations are the industries included in this group. Employment by sex and average annual earnings in the forty leading industries is given in Table 29.

Average Annual, Weekly and Hourly Earnings.—In comparing earnings by provinces or groups, consideration should be given to the type of industries in each case since the distribution of industries has very definitely a regional significance. In some industries a labour force possessing deftness and speed or the ability to exercise muscular strength is necessary, in others the labour force must exercise craftsmanship or possess a high degree of technical knowledge. Workers in these latter industries naturally command relatively higher wages than those employed in industries whose employees are routine workers.

The ranking of provinces and industries as regards annual earnings is in many cases different to that of weekly or hourly earnings since the factors of number of weeks worked per year and number of hours worked per week enter into the picture. So that, while in general the same observations apply, a close study of the differences between the averages shown in Tables 28 and 29 will be of value to the student.

The figures for the years 1934 to 1945 given in Tables 30 to 34 are based on an analysis of a pay-list covering one week in the month of highest employment. For this reason the figures do not refer to any particular month, since the month of highest employment might be May for one firm and October for another; they represent the summation of the different months of highest employment as reported by all the firms. For a particular industry, however, the month of highest employment is more significant as in such case it coincides for a great number of firms engaged in the same industry. The figures for 1946 are based on returns received from establishments employing 15 hands or and over and refer to the last week in the month of November.

Average weekly earnings of male wage-earners for manufacturing as a whole amounted to \$36.23 in 1946, an increase of \$14.00 or 63.0 p.c. as compared with 1939. Average hourly earnings advanced from 46.2 cents in 1939 to 80.7 cents in 1946, an increase of 74.4 p.c. Annual earnings at \$1,702 were 58.2 p.c. higher.

Female wage-earners received on an average \$20.08 per week in 1946, an increase of \$7.30 or 57.1 p.c. as compared with 1939. Hourly earnings at 50.2 cents were 77.3 p.c. higher, while annual earnings at \$943 were 52.3 p.c. higher.

30.—Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners, Employed in the Manufacturing Industries of Canada, 1931-46²

Year	Average Earnings			Hours Worked per week
	Annual	Weekly	Hourly	
	\$	\$	\$	No.
ALL WAGE-EARNERS				
1934.....	830	18.30	0.372	49.2
1935.....	870	18.50	0.380	48.7
1936.....	896	18.96	0.389	48.7
1937.....	965	2	2	48.8
1938.....	956	19.49	0.417	46.7
1939.....	975	20.14	0.427	47.2
1940.....	1,084	22.35	0.446	50.1
1941.....	1,220	24.95	0.494	50.5
1942.....	1,383	28.18	0.561	50.2
1943.....	1,525	29.87	0.612	48.8
1944.....	1,564	31.05	0.654	47.5
1945.....	1,538	30.98	0.669	46.3
1946 ⁴	1,516	32.38	0.741	43.7

²For footnotes, see end of table, p. 64.

30.—Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners, Employed in the Manufacturing Industries of Canada, 1934-46¹—concluded

Year	Average Earnings			Hours Worked per week
	Annual	Weekly	Hourly	No.
	\$	\$	\$	
MALE				
1934.....	930	20.31	0.407	49.9 1
1935.....	966	20.41	0.413	49.4 1
1936.....	995	20.92	0.423	49.4 1
1937.....	2	2	2	2
1938.....	1,055	21.49	0.454	47.3
1939.....	1,076	22.23	0.462	48.1
1940.....	1,202	24.83	0.488	50.9
1941.....	1,355	27.72	0.538	51.5
1942.....	1,558	31.75	0.619	51.3
1943.....	1,726	33.80	0.671	50.4
1944.....	1,761	34.95	0.712	49.1
1945 ²	1,739	35.04	0.736	47.6
1946 ²	1,702	36.23	0.807	44.9
FEMALE				
1934.....	539	11.80	0.251	46.9 1
1935.....	570	12.04	0.259	46.5 1
1936.....	577	12.20	0.262	46.5 1
1937.....	2	2	2	2
1938.....	594	12.10	0.271	44.6
1939.....	619	12.78	0.283	45.2
1940.....	655	13.52	0.286	47.3
1941.....	736	15.05	0.316	47.6
1942.....	854	17.41	0.371	46.9
1943.....	987	19.33	0.431	44.8
1944.....	1,051	20.89	0.479	43.6
1945.....	984	19.84	0.465	42.7
1946 ²	943	20.08	0.502	40.0

¹ Estimated on the basis of hours worked by female wage-earners in 1938 and 1939 as compared with those worked by male wage-earners in those years.

² Not available.

³ Butter and cheese factories and fish curing and packing plants are excluded in the years 1938 to 1945, while sawmills are also excluded in 1945. By including sawmills, weekly earnings in 1945 would have been about \$34.35 for male wage-earners.

⁴ Based on weekly earnings and hours worked in the last week of November by establishments employing 15 hands or over.

31.—Average Annual, Weekly and Hourly Earnings of All Wage-Earners in the Manufacturing Industries of Canada, by Provinces, 1938-46

Province	Annual	Weekly	Hourly	Hours Worked per week
	\$	\$	cents	No.
Prince Edward Island—				
1938.....	484	8.49	16.2	52.7
1939.....	506	11.59	23.3	49.6
1940.....	553	13.67	26.0	52.1
1941.....	559	15.19	29.5	51.3
1942.....	613	15.94	30.9	51.5
1943.....	817	23.14	32.0	55.3
1944.....	952	23.63	45.6	53.0
1945.....	884	25.34	50.1	50.6
1946.....	911	21.51	46.2	46.3
Nova Scotia—				
1938.....	853	16.31	32.4	50.2
1939.....	869	17.80	34.9	50.9
1940.....	960	19.01	36.3	52.4
1941.....	1,076	22.53	42.6	52.7
1942.....	1,295	26.84	49.0	52.6
1943.....	1,456	29.80	57.5	51.5
1944.....	1,570	31.84	64.1	49.5
1945.....	1,519	31.85	67.1	47.3
1946.....	1,398	31.44	68.8	45.7

31.—Average Annual, Weekly and Hourly Earnings of All Wage-Earners in the Manufacturing Industries of Canada, by Provinces, 1938-46—concluded

Province	Annual	Weekly	Hourly	Hours worked per week
	\$	\$	cents	No.
New Brunswick—				
1938.....	818	15.20	30.6	49.3
1939.....	827	17.11	34.2	49.9
1940.....	955	19.40	37.1	52.1
1941.....	1,021	21.30	39.7	53.3
1942.....	1,129	22.56	43.1	52.1
1943.....	1,241	24.35	47.2	51.1
1944.....	1,330	26.78	53.1	50.0
1945.....	1,362	27.59	57.0	48.9
1946.....	1,390	30.54	66.4	46.0
Quebec—				
1938.....	853	17.26	36.1	47.6
1939.....	873	17.81	37.0	47.8
1940.....	974	19.93	39.1	50.6
1941.....	1,103	22.78	43.8	51.5
1942.....	1,259	25.82	49.7	51.3
1943.....	1,424	28.07	55.2	50.2
1944.....	1,473	29.59	59.4	49.3
1945.....	1,463	31.55	60.9	48.0
1946.....	1,445	30.51	67.2	45.4
Ontario—				
1938.....	1,008	20.81	44.9	46.1
1939.....	1,026	21.60	45.9	46.9
1940.....	1,153	23.98	47.4	50.3
1941.....	1,309	26.19	51.5	50.5
1942.....	1,463	29.27	58.5	49.7
1943.....	1,591	30.45	62.9	47.9
1944.....	1,618	31.61	67.5	46.3
1945.....	1,577	31.37	68.8	45.1
1946.....	1,552	33.26	77.7	42.8
Manitoba—				
1938.....	1,034	22.00	49.5	44.2
1939.....	1,068	21.59	48.7	44.3
1940.....	1,088	22.38	46.3	48.1
1941.....	1,181	24.32	50.1	48.3
1942.....	1,298	25.92	52.8	48.7
1943.....	1,370	26.99	56.0	47.7
1944.....	1,452	28.25	61.0	45.9
1945.....	1,464	28.69	63.1	45.1
1946.....	1,491	31.16	72.8	42.8
Saskatchewan—				
1938.....	1,037	19.84	41.3	47.9
1939.....	1,027	20.07	42.0	47.7
1940.....	1,031	20.16	39.6	50.6
1941.....	1,097	22.18	42.7	51.8
1942.....	1,232	24.97	47.9	52.0
1943.....	1,378	27.80	54.3	51.1
1944.....	1,405	28.38	56.8	49.7
1945.....	1,415	29.78	64.5	45.9
1946.....	1,455	32.78	74.5	44.0
Alberta—				
1938.....	1,009	20.64	44.4	46.4
1939.....	1,050	21.36	45.9	46.4
1940.....	1,078	21.66	44.3	48.6
1941.....	1,118	23.26	46.5	49.9
1942.....	1,204	25.07	49.8	50.1
1943.....	1,374	27.22	55.8	48.5
1944.....	1,436	28.95	60.1	48.0
1945.....	1,452	29.61	65.1	45.2
1946.....	1,477	32.40	75.0	43.2
British Columbia—				
1938.....	1,128	22.46	50.5	44.4
1939.....	1,153	22.59	49.5	45.5
1940.....	1,250	24.64	53.5	46.0
1941.....	1,359	27.57	59.7	46.1
1942.....	1,633	33.30	71.5	46.4
1943.....	1,799	35.27	76.9	45.8
1944.....	1,809	35.61	79.2	44.9
1945.....	1,765	33.10	76.8	42.9
1946.....	1,750	36.83	89.4	41.2
Yukon and Northwest Territories—				
1939.....	1,734	33.28	63.6	52.3
1940.....	1,544	34.91	67.5	51.8
1941.....	2,033	31.56	57.1	55.5
1942.....	1,670	40.04	72.5	55.3
1943.....	2,030	45.20	93.0	48.9
1944.....	1,922	45.79	91.0	50.3
1945.....	2,110	48.96	98.7	49.6
1946.....	2,249	—	—	—

32.—Average Annual, Weekly and Hourly Earnings of All Wage-Earners in the Manufacturing Industries of Canada, by Industrial Groups, 1938-46

Group	Annual	Weekly	Hourly	Hours Worked per week
	\$	\$	cents	No.
Vegetable Products—				
1938.....	865	10.72	34.4	48.1
1939.....	878	16.91	34.6	48.4
1940.....	911	18.01	35.6	50.1
1941.....	994	19.87	39.1	50.4
1942.....	1,098	21.21	42.3	49.5
1943.....	1,193	22.53	47.0	47.2
1944.....	1,266	23.87	50.6	46.5
1945.....	1,304	25.02	53.1	46.4
1946.....	1,359	29.34	65.9	44.0
Animal Products—				
1938.....	864	16.43	34.6	47.4
1939.....	879	18.01	37.9	47.3
1940.....	917	19.68	39.4	49.7
1941.....	995	21.31	42.5	49.7
1942.....	1,085	23.33	46.8	49.5
1943.....	1,197	24.31	50.7	47.5
1944.....	1,266	25.75	55.6	45.9
1945.....	1,306	26.41	58.5	44.8
1946.....	1,371	28.97	66.2	43.4
Textiles and Textile Products—				
1938.....	739	15.17	33.1	45.7
1939.....	763	16.38	35.0	46.6
1940.....	836	17.49	35.9	48.5
1941.....	889	18.85	38.9	48.2
1942.....	989	20.00	41.7	47.5
1943.....	1,060	21.13	45.3	46.2
1944.....	1,118	22.18	48.8	44.9
1945.....	1,147	22.84	50.9	44.4
1946.....	1,212	24.73	58.6	42.2
Wood and Paper Products—				
1938.....	980	19.52	39.7	49.0
1939.....	1,003	19.97	40.3	49.9
1940.....	1,083	21.36	41.4	51.4
1941.....	1,152	23.28	44.7	52.0
1942.....	1,255	24.79	48.0	51.4
1943.....	1,336	26.12	51.8	50.1
1944.....	1,401	27.57	55.4	49.4
1945.....	1,434	29.38	62.3	46.7
1946.....	1,543	33.68	74.8	44.8
Iron and Its Products—				
1938.....	1,154	25.33	57.1	44.3
1939.....	1,189	25.75	57.2	44.9
1940.....	1,405	29.48	58.2	50.7
1941.....	1,577	31.11	60.3	51.5
1942.....	1,750	35.95	69.8	51.3
1943.....	1,893	37.09	73.4	50.4
1944.....	1,939	39.13	80.3	48.7
1945.....	1,918	37.42	79.5	47.0
1946.....	1,803	38.11	87.2	43.7
Non-ferrous Metal Products—				
1938.....	1,142	22.79	51.1	44.5
1939.....	1,161	23.52	50.8	46.3
1940.....	1,252	25.43	49.8	50.8
1941.....	1,371	28.52	55.4	51.4
1942.....	1,535	30.53	58.7	50.9
1943.....	1,893	31.40	63.7	49.0
1944.....	1,645	31.64	66.9	47.1
1945.....	1,662	32.83	71.1	45.9
1946.....	1,618	35.51	80.7	44.0
Non-metallic Mineral Products—				
1938.....	1,173	22.15	46.7	47.3
1939.....	1,169	23.70	50.2	47.1
1940.....	1,236	24.37	49.4	49.2
1941.....	1,349	27.11	54.4	49.8
1942.....	1,472	28.84	58.6	49.1
1943.....	1,614	31.09	63.7	48.7
1944.....	1,667	32.52	67.6	47.9
1945.....	1,650	31.97	68.0	46.9
1946.....	1,654	33.84	75.5	44.7

32.—Average Annual, Weekly and Hourly Earnings of All Wage-Earners in the Manufacturing Industries of Canada, by Industrial Groups, 1938-46—concluded

Group	Annual	Weekly	Hourly	Hours Worked per week
	\$	\$	cents	No
Chemicals and Allied Products—				
1938.....	1,017	19.48	44.2	43.9
1939.....	1,057	20.16	44.9	44.7
1940.....	1,115	21.64	45.4	47.4
1941.....	1,274	24.57	49.5	49.4
1942.....	1,345	26.52	54.4	48.6
1943.....	1,485	27.62	57.3	47.8
1944.....	1,540	29.69	63.6	46.4
1945.....	1,585	29.23	63.3	45.9
1946.....	1,563	32.46	73.1	44.4
Miscellaneous Industries—				
1938.....	850	17.87	39.0	45.7
1939.....	863	17.73	38.5	45.9
1940.....	916	18.65	38.0	49.0
1941.....	1,017	21.98	43.2	50.6
1942.....	1,118	25.35	50.7	48.7
1943.....	1,383	27.50	58.5	46.5
1944.....	1,437	26.62	59.8	44.1
1945.....	1,345	27.38	61.3	44.2
1946.....	1,295	26.69	62.0	42.8

33.—Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners in the Manufacturing Industries of Canada, by Provinces, 1938-46

Province	MALE				FEMALE			
	Annual	Weekly	Hourly	Hours Worked per Week	Annual	Weekly	Hourly	Hours Worked per Week
	\$	\$	cents	No.	\$	\$	cents	No.
Prince Edward Island.....								
1938.....	549	10.31	19.8	52.2	328	6.16	11.6	53.3
1939.....	581	12.88	25.9	49.7	288	7.50	15.2	49.2
1940.....	644	15.31	28.8	53.1	325	7.71	16.0	48.3
1941.....	645	16.70	32.2	51.9	352	9.10	18.6	48.8
1942.....	682	17.35	33.5	51.7	422	10.75	21.2	50.8
1943.....	992	26.44	47.2	56.0	459	12.25	23.2	52.8
1944.....	1,172	28.10	50.0	56.3	500	12.00	27.0	44.5
1945.....	1,080	30.00	59.3	50.6	557	15.49	30.7	50.5
1946.....	1,097	25.42	54.2	46.9	555	12.87	28.6	45.0
Nova Scotia.....								
1938.....	926	17.96	35.6	50.4	469	9.11	18.4	49.4
1939.....	939	19.20	37.6	51.0	539	11.03	21.8	50.6
1940.....	1,040	20.47	39.0	52.5	569	11.19	21.7	51.6
1941.....	1,171	24.42	45.9	53.2	566	11.80	23.6	50.1
1942.....	1,377	28.84	52.2	53.2	779	13.66	28.2	48.5
1943.....	1,571	32.22	61.5	52.4	853	17.51	37.1	47.2
1944.....	1,677	34.01	68.0	50.0	968	19.63	42.0	46.8
1945.....	1,640	34.67	72.8	47.6	799	16.89	36.8	45.9
1946.....	1,502	33.90	73.7	46.0	762	17.18	39.4	43.6
New Brunswick—								
1938.....	890	16.89	33.7	50.1	410	7.78	16.9	45.9
1939.....	894	18.18	36.1	50.3	493	10.01	21.3	46.9
1940.....	1,023	20.54	39.1	52.5	580	11.64	23.7	49.2
1941.....	1,104	22.81	42.2	54.0	573	11.84	24.1	49.2
1942.....	1,228	24.11	45.7	52.7	674	13.26	27.2	48.8
1943.....	1,369	26.69	50.9	52.4	720	14.04	30.7	45.7
1944.....	1,474	29.19	57.1	51.1	765	15.16	33.8	44.8
1945.....	1,515	31.67	63.1	50.2	744	15.54	35.2	44.1
1946.....	1,528	33.58	71.9	46.7	781	17.16	40.0	42.9

33.—Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners in the Manufacturing Industries of Canada, by Provinces, 1938-46—concluded

Province	MALE				FEMALE			
	Annual	Weekly	Hourly	Hours Worked per Week	Annual	Weekly	Hourly	Hours Worked per Week
	\$	\$	cents	No.	\$	\$	cents	No.
Quebec—								
1938.....	964	19.46	40.1	48.5	569	11.48	25.5	45.1
1939.....	984	20.03	41.0	48.8	596	12.14	26.7	45.4
1940.....	1,112	22.75	43.8	51.9	620	12.70	26.9	47.2
1941.....	1,260	26.14	49.3	53.0	697	14.46	30.3	47.8
1942.....	1,463	30.12	56.7	53.1	787	16.22	34.2	47.4
1943.....	1,642	32.49	62.2	52.2	916	18.09	39.4	45.9
1944.....	1,671	33.53	65.6	51.1	1,001	20.09	44.6	45.0
1945.....	1,684	34.13	68.7	49.7	935	18.97	42.9	44.2
1946.....	1,660	34.95	74.2	47.1	926	19.49	47.3	41.2
Ontario—								
1938.....	1,105	22.92	49.1	46.7	627	13.03	29.7	43.9
1939.....	1,127	23.85	50.3	47.4	640	13.54	30.1	45.0
1940.....	1,268	26.63	52.1	51.1	685	14.37	30.3	47.5
1941.....	1,450	29.39	57.2	51.4	780	15.82	33.2	47.6
1942.....	1,646	33.24	65.4	50.8	918	18.59	39.8	46.7
1943.....	1,812	34.99	70.4	49.7	1,042	20.13	45.9	43.9
1944.....	1,843	36.30	75.4	48.1	1,084	21.35	50.2	42.5
1945.....	1,790	36.02	77.1	46.7	1,024	20.61	49.5	41.6
1946.....	1,738	37.09	84.3	44.0	963	20.53	52.9	38.8
Manitoba—								
1938.....	1,127	24.15	54.1	44.6	576	12.35	29.0	42.6
1939.....	1,165	23.61	53.1	44.5	623	12.64	29.3	43.2
1940.....	1,179	24.30	49.9	48.7	660	13.60	29.9	45.5
1941.....	1,291	26.56	54.3	48.9	684	14.09	30.8	45.8
1942.....	1,436	29.07	58.5	49.7	757	15.32	33.7	45.4
1943.....	1,553	30.86	62.6	49.3	829	16.48	38.0	43.4
1944.....	1,653	32.36	68.6	47.2	932	18.24	42.5	42.9
1945.....	1,667	32.88	71.3	46.1	914	18.03	42.3	42.6
1946.....	1,662	34.51	78.8	43.8	949	19.72	49.8	39.6
Saskatchewan—								
1938.....	1,066	20.33	42.2	48.2	620	11.84	27.5	43.0
1939.....	1,059	20.62	43.0	48.0	592	11.53	26.7	43.2
1940.....	1,066	20.67	40.5	51.0	599	11.61	26.1	44.5
1941.....	1,136	22.81	43.7	52.2	687	13.81	29.8	46.4
1942.....	1,279	25.94	49.2	52.7	895	18.17	38.9	46.9
1943.....	1,461	29.34	56.8	51.7	1,005	20.19	41.9	48.2
1944.....	1,500	29.99	58.9	50.9	993	19.86	45.8	43.4
1945.....	1,526	32.36	69.4	46.6	934	19.81	45.6	43.4
1946.....	1,531	34.11	77.0	44.3	1,007	22.45	54.5	41.2
Alberta—								
1938.....	1,051	21.42	45.9	46.7	671	13.67	31.3	43.7
1939.....	1,096	22.23	47.6	46.7	676	13.72	31.4	43.7
1940.....	1,134	22.53	46.3	48.7	638	14.19	26.8	47.4
1941.....	1,173	24.32	48.3	50.4	716	14.83	32.5	45.6
1942.....	1,309	26.93	52.9	50.9	801	16.50	35.2	46.4
1943.....	1,492	29.49	59.7	49.4	925	18.30	40.5	45.2
1944.....	1,568	31.50	64.4	48.9	996	20.01	44.8	44.7
1945.....	1,599	32.54	70.7	46.0	961	19.55	46.0	42.5
1946.....	1,582	34.50	79.3	43.5	981	21.38	51.4	41.6
British Columbia—								
1938 ¹	1,169	23.54	52.7	44.7	673	13.55	32.6	41.6
1939.....	1,201	23.73	51.8	45.8	652	12.89	29.8	43.2
1940.....	1,303	26.00	56.2	46.3	681	13.60	31.3	43.4
1941.....	1,417	28.99	62.6	46.3	743	15.18	34.3	44.2
1942.....	1,713	35.42	75.8	46.7	939	19.44	43.7	44.5
1943.....	1,903	37.57	81.3	46.2	1,239	24.46	56.0	43.7
1944.....	1,920	38.08	84.3	45.2	1,288	25.57	58.4	43.8
1945.....	1,879	36.21	83.4	43.4	1,139	21.96	53.4	41.1
1946.....	1,956	39.01	94.0	41.5	1,156	23.05	58.8	39.2
Yukon and Northwest Territories—								
1939.....	1,734	33.28	63.6	52.3	—	—	—	—
1940.....	1,596	35.81	69.3	51.7	741	16.60	31.3	53.0
1941.....	2,081	31.97	58.0	55.1	1,259	19.33	29.0	66.7
1942.....	1,703	40.74	73.8	55.2	723	17.33	28.9	60.0
1943.....	2,092	46.38	95.6	48.5	676	15.00	25.0	60.0
1944.....	1,922	45.79	91.0	50.3	—	—	—	—
1945.....	2,110	48.96	98.7	49.6	—	—	—	—
1946.....	—	—	—	—	—	—	—	—

¹ Includes Yukon.

34.—Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners in the Manufacturing Industries of Canada, by Industrial Groups, 1938-46

Province	MALE				FEMALE			
	Annual	Weekly	Hourly	Hours Worked per Week	Annual	Weekly	Hourly	Hours Worked per Week
	\$	\$	cents	No.	\$	\$	cents	No.
Vegetable Products—								
1938.....	988	10.46	39.0	49.9	571	11.24	25.3	44.5
1939.....	1,006	19.75	39.4	50.1	576	11.32	25.2	45.0
1940.....	1,048	21.25	41.1	51.7	593	12.02	25.5	47.1
1941.....	1,150	23.55	45.3	52.0	665	13.62	28.6	47.7
1942.....	1,305	25.81	49.7	51.9	716	14.15	30.8	45.9
1943.....	1,440	27.81	55.4	50.2	785	15.16	35.3	43.0
1944.....	1,522	29.15	59.0	49.4	848	16.25	38.4	42.3
1945.....	1,563	30.49	62.2	49.0	850	16.59	39.2	42.3
1946.....	1,593	34.29	74.5	46.0	883	18.98	47.8	39.7
Animal Products—								
1938.....	953	18.91	39.5	47.9	538	10.68	23.1	46.3
1939.....	957	20.18	42.1	47.9	603	12.72	27.8	45.7
1940.....	998	21.98	43.6	50.4	638	14.05	29.2	48.1
1941.....	1,116	24.71	48.6	50.8	637	14.11	29.7	47.5
1942.....	1,228	27.29	53.8	50.7	715	15.88	33.7	47.1
1943.....	1,369	28.58	58.2	49.1	799	16.70	37.4	44.7
1944.....	1,445	30.21	63.5	47.6	860	17.96	41.9	42.9
1945.....	1,490	30.73	66.7	46.1	890	18.34	43.3	42.4
1946.....	1,548	32.68	73.1	44.7	927	19.58	48.7	40.2
Textiles and Textile Products —								
1938.....	895	18.38	39.2	46.9	605	12.43	27.9	44.6
1939.....	929	19.96	41.8	47.7	622	13.37	29.3	45.7
1940.....	1,040	21.79	43.8	49.7	669	14.02	29.5	47.5
1941.....	1,111	23.74	47.6	49.9	718	15.33	32.6	47.0
1942.....	1,284	26.07	52.3	49.8	792	16.10	34.9	46.1
1943.....	1,406	28.14	57.5	48.9	848	16.97	38.0	44.6
1944.....	1,482	29.49	61.4	48.0	895	17.82	41.3	43.1
1945.....	1,519	30.25	63.7	47.5	919	18.32	43.1	42.5
1946.....	1,557	31.53	69.0	45.7	976	19.76	49.9	39.6
Wood and Paper Products—								
1938.....	1,013	20.08	40.6	49.4	639	12.68	28.6	44.4
1939.....	1,040	20.59	41.3	49.9	632	12.52	28.1	44.6
1940.....	1,123	22.10	42.6	51.9	654	12.86	27.8	46.2
1941.....	1,203	24.25	46.2	52.5	685	13.79	29.5	46.7
1942.....	1,323	26.04	49.9	52.2	763	15.05	33.1	45.4
1943.....	1,431	27.86	54.3	51.3	821	16.00	37.0	43.2
1944.....	1,508	29.48	58.1	50.7	844	16.50	39.4	41.9
1945.....	1,547	32.34	67.5	47.9	815	17.03	40.6	41.9
1946.....	1,642	36.28	79.7	45.5	875	19.34	47.5	40.7
Iron and Its Products—								
1938.....	1,169	25.65	57.8	44.4	687	15.09	36.0	41.9
1939.....	1,206	26.11	58.0	45.0	703	15.21	34.6	43.9
1940.....	1,428	30.00	59.1	50.8	755	15.87	33.6	47.3
1941.....	1,615	32.01	61.9	51.7	853	16.91	34.7	48.8
1942.....	1,819	37.71	72.9	51.6	1,111	23.06	46.8	49.3
1943.....	1,978	38.92	76.3	51.0	1,371	26.98	57.2	47.2
1944.....	2,003	40.53	82.5	49.1	1,546	31.30	67.7	46.2
1945.....	1,978	38.86	82.0	47.4	1,365	26.82	60.8	44.1
1946.....	1,844	39.03	88.9	43.9	1,086	22.98	55.5	41.4
Non-ferrous Metal Products—								
1938.....	1,201	23.97	53.7	44.6	742	14.81	34.0	43.5
1939.....	1,241	25.24	54.3	46.5	660	13.43	30.0	44.8
1940.....	1,347	27.45	53.5	51.3	717	14.62	30.2	48.4
1941.....	1,492	31.28	60.4	51.8	785	16.49	33.4	49.4
1942.....	1,681	33.72	64.2	51.4	1,009	20.25	41.1	49.3
1943.....	1,799	34.97	69.9	50.0	1,144	22.24	48.0	46.3
1944.....	1,846	35.65	74.0	48.2	1,169	22.56	50.7	44.5
1945.....	1,841	36.64	77.8	47.1	1,193	23.76	55.0	43.2
1946.....	1,776	37.15	85.0	43.7	1,117	23.37	57.7	40.5
Non-metallic Mineral Products—								
1938.....	1,195	22.52	47.5	47.4	543	10.22	22.2	46.1
1939.....	1,184	24.04	50.9	47.2	747	15.16	33.7	45.0
1940.....	1,262	24.90	50.4	49.4	649	12.81	27.9	45.9
1941.....	1,384	27.88	55.8	50.0	734	14.78	32.1	46.0

34.—Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners in the Manufacturing Industries of Canada, by Industrial Groups, 1938-46—conc.

Province	MALE				FEMALE			
	Annual	Weekly	Hourly	Hours Worked per Week	Annual	Weekly	Hourly	Hours Worked per Week
Non-metallic Mineral Products—concluded	\$	\$	cents	No.	\$	\$	cents	No.
1942.....	1,522	29.93	60.7	49.3	878	17.27	36.2	47.6
1943.....	1,698	32.75	66.6	49.2	954	18.42	41.3	44.6
1944.....	1,750	34.18	70.5	48.5	1,078	21.06	47.7	44.2
1945.....	1,725	33.46	70.6	47.4	1,088	21.10	48.6	43.4
1946.....	1,708	35.31	78.3	45.1	1,064	21.99	52.6	41.8
Chemicals and Allied Products—								
1938.....	1,128	21.63	48.7	44.4	626	12.00	28.4	42.3
1939.....	1,169	22.25	49.3	45.1	657	12.51	28.9	43.3
1940.....	1,240	24.16	50.3	48.0	655	12.76	28.2	45.3
1941.....	1,419	28.38	56.6	50.1	820	16.40	34.3	47.8
1942.....	1,557	30.89	62.6	49.4	968	19.23	40.7	47.3
1943.....	1,788	33.42	67.8	49.3	1,025	19.16	41.9	45.7
1944.....	1,777	34.40	71.7	48.0	1,166	22.57	51.3	44.0
1945.....	1,803	33.83	71.4	47.4	1,143	21.45	49.5	43.3
1946.....	1,777	35.97	79.4	45.3	956	19.35	47.2	41.0
Miscellaneous Industries—								
1938.....	929	19.55	42.3	46.2	619	13.03	29.4	44.3
1939.....	947	19.44	41.9	46.4	628	12.88	29.0	44.4
1940.....	1,015	20.82	42.0	49.6	657	13.47	28.3	47.6
1941.....	1,167	25.41	49.3	51.5	666	14.51	29.9	48.6
1942.....	1,306	29.26	58.5	50.0	771	17.29	37.3	46.4
1943.....	1,643	32.87	67.4	48.8	997	19.96	46.1	43.3
1944.....	1,664	30.81	66.8	46.1	1,108	20.52	49.7	41.3
1945.....	1,607	32.70	71.2	45.9	951	19.36	46.4	41.7
1946.....	1,502	30.91	70.4	43.9	945	19.43	47.4	41.0

Real Earnings of Employees in Recent Years.—When the index number representing the average yearly wages in divided by the index number of the cost of living, on the same base, a measure of “real” wages is obtained. Index numbers for 1931 to 1946 are given in Table 35. In 1933, the height of the depression, real wages were 88.3 on the 1935-39 base. From then on they rose steadily and stood at 141.1 in 1944, an increase of about 60 p.c. In 1946 real wages dropped to 131.6.

35.—Average Yearly Earnings, and Index Numbers of Earnings, Cost of Living and Real Wages of Wage-Earners, in Manufacturing Industries, 1931-46

NOTE.—Figures on the 1917 base, with qualifications as to comparability, for 1917 to 1930 are published at p. 421 of the 1939 Canada Year Book.

Year	Wages Paid	Average Wage-Earners	Average Yearly Earnings	Index Numbers (1935-39=100)		
				Average Yearly Earnings	Cost of Living	Real Value of Average Yearly Earnings
	\$	No.	\$			
1931.....	415,277,895	437,149	950	101.9	109.1	93.4
1932.....	322,245,926	381,783	844	90.6	99.0	91.5
1933.....	296,929,878	382,022	777	83.4	94.4	88.3
1934.....	355,090,929	427,717	830	89.1	95.7	93.1
1935.....	399,012,697	458,734	870	93.3	96.2	97.0
1936.....	438,873,377	489,942	896	96.1	98.1	98.0
1937.....	525,743,562	544,624	965	103.5	101.2	102.3
1938.....	498,282,208	521,427	956	102.6	102.2	100.4
1939.....	519,971,819	533,342	975	104.6	101.5	103.1
1940.....	679,273,104	626,484	1,084	116.3	105.6	110.1
1941.....	978,525,782	802,234	1,220	130.9	111.7	117.2
1942.....	1,347,934,049	974,904	1,383	148.4	117.0	126.8
1943.....	1,598,434,879	1,047,873	1,525	163.6	118.4	138.2
1944.....	1,611,555,776	1,030,324	1,564	167.8	118.9	141.1
1945.....	1,427,915,830	928,665	1,538	165.0	119.5	138.1
1946.....	1,329,811,478	877,150	1,516	162.7	123.6	131.6

Percentages of Salaries and Wages to Net Value of Products.—Table 36 shows the relation between salaries and wages paid by manufacturers and the total net value of production. Figures of gross production are often used in such calculations, but the values out of which the wages of employees must come in the long run are the values added to the raw materials while they are in the factory. Such added values constitute the real production of the manufacturing plant and are alone available for payment of salaries and wages, interest, rent, taxes, repairs, and all other overhead charges that ordinarily must be met. The percentage declined steadily with the increasing manufacturing production from 1924 to 1929, while from 1931 to 1935 and again in 1938 and 1939, due to decreased industrial activity, the percentage of salaries to value added was above normal. It should be borne in mind, however, that salaried employees increased 159 p.c. during the period 1924-46 while wage-earners increased 110 p.c. The percentage of wages has fluctuated much less than that of salaries. The number of wage-earning employees may be more rapidly adjusted to the activity of the industry and wage levels likewise may be more readily adjusted to the price levels of the products. Of the increase in the net value of production since 1939 amounting to \$1,935,953,079, \$1,002,876,101 or 51.8 p.c. was passed along in increased salaries and wages.

36.—Percentages of Salaries and Wages Paid to the Total Net Values of Manufacturing Production, 1924-46

Year	Value Added by Processes of Manufacture ¹	Salaries Paid	Wages Paid	Percentages—		
				of Salaries to Value Added	of Wages to Value Added	of Total Salaries and Wages to Value Added
	\$	\$	\$	p.c.	p.c.	p.c.
1924.....	1,075,458,459	130,344,822	404,122,853	12·1	37·6	49·7
1925.....	1,167,936,726	133,409,498	436,534,944	11·4	37·4	48·8
1926.....	1,305,168,549	142,353,900	483,328,342	10·9	37·0	47·9
1927.....	1,427,649,292	151,419,411	511,285,921	10·6	35·8	46·4
1928.....	1,597,887,676	162,903,007	558,568,627	10·2	35·0	45·2
1929.....	1,755,386,937	175,553,710	601,737,507	10·0	34·3	44·3
1930.....	1,522,737,125	169,992,216	527,563,162	11·2	34·6	45·8
1931.....	1,252,017,248	172,289,095	415,277,895	13·8	33·2	47·0
1932.....	955,960,724	151,355,790	322,245,926	15·8	33·7	49·5
1933.....	919,671,181	139,317,946	296,929,878	15·1	32·3	47·4
1934.....	1,087,301,742	148,760,126	355,090,929	13·7	32·7	46·4
1935.....	1,153,485,104	160,455,080	399,012,697	13·9	34·6	48·5
1936.....	1,289,592,672	173,198,057	438,873,377	13·4	34·0	47·4
1937.....	1,508,924,867	195,983,475	525,743,562	13·0	34·8	47·8
1938.....	1,428,286,778	207,386,381	498,282,208	14·5	34·9	49·4
1939.....	1,531,051,901	217,839,334	519,971,819	14·2	34·0	48·2
1940.....	1,942,471,238	241,599,761	679,273,104	12·0	35·0	47·0
1941.....	2,605,119,788	286,336,861	978,525,782	11·0	37·6	48·6
1942.....	3,309,973,758	334,870,793	1,347,934,049	10·1	40·7	50·8
1943.....	3,816,413,541	388,857,505	1,598,434,879	10·2	42·0	52·2
1944.....	4,015,776,010	418,065,594	1,611,555,776	10·4	40·2	50·6
1945.....	3,564,315,899	417,857,619	1,427,915,830	11·7	40·1	51·8
1946.....	3,467,004,980	410,875,776	1,329,811,478	11·8	38·4	50·2

¹ Equivalent to "net value of products"; see footnote 1, Table 1, p. 7.

Subsection 4.—Size of Manufacturing Establishments

The size of the manufacturing establishment is generally measured either by the value of product, or by the number of employees, but each of these methods has its limitations. The latter takes no account of the differences in capital equipment at different times or in various industries and obviously the increased use of machinery, as in the flour-milling industry, may lead to an increase in production concurrently with a decrease in the number of employees. The former measure has to be adjusted for changes in the price level; and, as between industries, it makes those in which the cost of raw materials is relatively high, appear to operate on a larger scale.

Size as Measured by Gross Value of Products.—While in 1922 the 420 establishments each producing over \$1,000,000 had an aggregate value of products of \$1,268,056,129 or 51 p.c. of the total production of all manufacturing industries, the 719 establishments producing over \$1,000,000 each in 1929 had an aggregate value of products of \$2,516,064,954, or 62 p.c. of the grand total for all manufacturing establishments—a very significant change in the short period of eight years. In 1931, however, the number of plants with a production of over \$1,000,000 dropped again to 482, their output being valued at \$1,451,658,954, or 53 p.c. of the total. With the increased production resulting from war needs, the number of plants with a production of \$1,000,000 or over jumped to 1,376 in 1944 and their output was about 75 p.c. of the total value of manufactures. With the end of the war and the consequent decline in production of the huge war plants the number of establishments with a production of \$1,000,000 or over, although increasing to 1,442 in 1946, nevertheless saw a decline in the proportion of their output to 67 p.c. of the total.

37.—Manufacturing Establishments, Grouped According to Gross Value of Products, with Totals and Average Values of Products in each Class, for Canada, 1929, 1939, 1944 and 1946

Group of Gross Values	1929 ¹			1939 ²		
	Estab- lishments	Total Production	Average per Estab- lishment	Estab- lishments	Total Production	Average per Estab- lishment
	No.	\$	\$	No.	\$	\$
Under \$25,000.....	14,024	106,735,470	7,611	15,623	120,903,054	7,738
\$ 25,000 but under \$ 50,000...	2,802	99,529,725	35,521	2,803	99,558,383	35,519
50,000 " 100,000...	2,209	156,308,744	70,760	2,215	156,410,769	70,614
100,000 " 200,000...	1,688	237,532,492	140,718	1,584	225,582,130	142,413
200,000 " 500,000...	1,519	504,218,217	331,941	1,285	390,626,844	303,990
500,000 " 1,000,000...	636	443,597,677	697,481	689	466,441,130	676,993
1,000,000 " 5,000,000...	601	1,217,866,089	2,026,400	520	1,091,293,939	2,098,642
5,000,000 and over.....	118	1,298,198,865	11,001,685	81	923,724,311	11,404,004
Totals and Averages.....	23,597	4,063,987,279	172,225	24,809	3,474,540,560	140,102
	1944			1946		
	Estab- lishments	Total Production	Average per Estab- lishment	Estab- lishments	Total Production	Average per Estab- lishment
	No.	\$	\$	No.	\$	\$
Under \$25,000.....	13,942	128,782,147	9,237	14,478	138,504,608	9,566
\$ 25,000 but under \$ 50,000...	4,011	143,023,914	35,658	4,524	162,355,572	35,888
50,000 " 100,000...	3,442	245,273,500	71,259	3,958	282,976,378	71,495
100,000 " 200,000...	2,513	355,235,489	141,359	3,060	433,302,078	141,602
200,000 " 500,000...	2,256	714,546,348	316,731	2,620	824,481,340	314,687
500,000 " 1,000,000...	943	661,670,696	701,666	1,167	816,202,278	699,402
1,000,000 " 5,000,000...	1,089	2,294,546,053	2,107,021	1,183	2,376,006,853	2,008,459
5,000,000 and over.....	287	4,530,614,372	15,786,113	259	3,001,863,364	11,590,206
Totals and Averages.....	28,483	9,073,692,519	318,565	31,249	8,035,692,471	257,150

¹ Includes central electric stations and dyeing, cleaning and laundry establishments.
of Yukon and the Northwest Territories.

² Exclusive

Size as Measured by Number of Employees.—In 1923, establishments employing 501 hands or over accounted for 21·4 p.c. of the total number of employees engaged in manufacturing. By 1929 the proportion had increased to 27·3 p.c. of the total, thereby showing the increasing concentration of production into larger units. This tendency, however, was checked by the depression, the percentage having dropped in 1933 to 20·5 p.c. (central electric stations included). With the recovery in production since 1933 the percentage has risen again, and in 1939 stood at 25·6. The same also holds true for establishments employing 101 hands or over. In 1923 they employed 58·6 p.c. of the total, in 1929, 61·9 p.c., in 1933, 55·7 p.c., and in 1939, 61·5 p.c.

The impact of the War on the concentration of war industries into large units is illustrated by the increase in the number of establishments employing 500 hands or over. In 1939 such establishments numbered 172 and employed 25·6 p.c. of the total number of employees engaged in manufacturing. By 1944 the number had increased to 383 and the percentage of total employees to 47·0. In a further subdivision of this group in 1944 it was found that 226 establishments employed between 500 and 999 persons, 56 between 1,000 and 1,499, and 101 employed over 1,500. All told there were twelve plants employing over 7,000 persons. The largest one had an employment of a little over 13,000 with the next three largest employing between 9,000 and 10,000. Three other plants employed between 8,000 and 9,000 persons while the lowest five plants in this group employed between 7,000 and 8,000 workers.

In 1946 the size of establishment declined. The largest ones, viz. those employing 1,500 and over, numbered only 55 as compared with 100 in 1944 and 80 in 1945. The largest manufacturing plant in Canada which employed over 13,000 persons in 1944 employed about 12,000 in 1946. The next two largest establishments employed over 7,000 persons whilst the fourth largest had over 6,000 persons. The following is the size distribution of the highest group.

Over 6,000 employees.....	4 establishments
5,000 to 6,000.....	0 establishment
4,000 to 5,000.....	2 establishments
3,000 to 4,000.....	5 establishments
1,500 to 3,000.....	44 establishments
Total.....	55 establishments

35.—Manufacturing Establishments, Classified by Number of Employees, by Provinces, 1946

Province	Up to 500	500 to 799	800 to 999	1,000 to 1,499	1,500 and over	Total
Prince Edward Island.....	246	Nil	Nil	Nil	Nil	246
Nova Scotia.....	1,388	6	Nil	Nil	3	1,397
New Brunswick.....	986	4	2	Nil	1	993
Quebec.....	10,712	51	16	17	22	10,818
Ontario.....	11,264	91	19	26	24	11,424
Manitoba.....	1,351	Nil	Nil	3	3	1,357
Saskatchewan.....	953	2	Nil	Nil	Nil	955
Alberta.....	1,311	2	2	Nil	Nil	1,315
British Columbia.....	2,714	10	2	3	2	2,731
Yukon and Northwest Territories.....	13	Nil	Nil	Nil	Nil	13
Canada.....	30,938	166	41	49	55	31,249

39.—Establishments and Employees in Canadian Manufactures, Grouped According to Number of Employees per Establishment, 1929, 1939, 1944 and 1946

Group	1929 ¹			1939 ²		
	Estab- lishments	Employees	Average per Estab- lishment	Estab- lishments	Employees	Average per Estab- lishment
	No.	No.	No.	No.	No.	No.
Under 5 employees.....	12,273	30,446	2.5	13,002	28,020	2.2
5 to 20 employees.....	6,160	62,310	10.1	6,985	68,151	9.8
21 " 50 ".....	2,531	81,846	32.3	2,330	75,324	32.3
51 " 100 ".....	1,262	90,238	71.5	1,158	81,646	70.5
101 " 200 ".....	745	103,944	139.5	695	97,063	139.7
201 " 500 ".....	444	136,397	307.2	458	139,687	305.0
501 and over.....	182	189,253	1,040.0	172	168,168	977.7
Totals and Averages...	23,597	694,434	29.4	24,800	658,059	26.5
	1944			1946		
	No.	No.	No.	No.	No.	No.
	No.	No.	No.	No.	No.	No.
Under 5 employees.....	13,208	29,958	2.3	13,810	32,664	2.4
5 to 14 employees.....	7,111	58,404	8.2	8,190	67,530	8.2
15 " 49 ".....	4,615	124,408	27.0	5,488	146,939	26.7
50 " 99 ".....	1,622	113,869	70.2	1,759	122,919	69.8
100 " 199 ".....	900	126,192	140.2	1,032	144,240	139.7
200 " 499 ".....	644	196,707	305.4	659	202,114	306.7
500 and over.....	383	573,344	1,497.0	311	341,750	1,098.9
Totals and Averages...	28,483	1,222,882	42.9	31,249	1,058,156	33.9

¹ Includes central electric stations, dyeing, cleaning and laundry establishments.
Yukon and the Northwest Territories.

² Exclusive of

Size of Establishment in Leading Industries.—Table 40 summarizes the degree of concentration in some of the leading industries of Canada. Concentration is extremely marked in the case of automobiles, railway rolling-stock, non-ferrous metal smelting and refining, rubber goods, cotton yarn and cloth, pulp and paper, and primary iron and steel; whereas in the case of bread and other bakery products, sawmills, miscellaneous foods, fish curing and packing, butter and cheese, and women's factory clothing, the degree of concentration is low. This concentration is analysed in detail for each of the twenty-five leading industries in the tables following.

40.—Percentage Importance of Establishments, each Employing 200 or more Persons in the Twenty-Five Leading Industries, 1946

Industry	Number of Such Establish- ments	Percentage of Total Number in the Industry	Percentage of Total Production in the Industry
1 Pulp and paper.....	62	54.9	92.7
2 Slaughtering and meatpacking.....	28	19.0	75.1
3 Non-ferrous metal smelting and refining.....	11	73.3	95.8
4 Sawmills.....	21	0.4	22.1
5 Flour and feed mills.....	9	0.9	43.1
6 Butter and cheese.....	11	0.5	14.4
7 Electrical apparatus and supplies.....	42	15.8	74.4
8 Petroleum products.....	11	25.6	79.9
9 Automobiles.....	5	55.5	98.3
10 Clothing, women's factory.....	8	0.7	7.4
11 Railway rolling-stock.....	22	59.4	96.3
12 Rubber goods.....	21	35.0	94.1
13 Primary iron and steel.....	24	40.7	89.1
14 Clothing, men's factory.....	28	5.2	31.4
15 Bread and other bakery products.....	21	0.7	26.2
16 Machinery.....	33	11.0	51.9
17 Fruit and vegetable preparations.....	10	1.9	32.0
18 Sheet metal products.....	21	9.1	64.6
19 Miscellaneous foods.....	5	1.7	20.1
20 Cotton yarn and cloth.....	26	63.4	93.6
21 Breweries.....	9	14.7	50.4
22 Hosiery and knitted goods.....	34	13.8	58.7
23 Printing and publishing.....	22	2.8	60.2
24 Fish curing and packing.....	6	1.0	18.9
25 Boots and shoes, leather.....	25	8.5	36.6

41.—Principal Statistics of the Twenty-Five Leading Industries of Canada, Grouped According to Number of Employees per Establishment, 1946

NOTE. For principal statistics in the manufacturing industries in each province by size of establishments, see Table 3 of Part II, p. 87.

Group and Industry	Estab-lish-ments	Em-ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1. Pulp and Paper—						
Under 5 employees.....	1	1				
5 to 14 ".....	14	464	883,964	239,714	2,459,137	5,506,659
15 " 49 ".....	18	1,380	2,465,567	890,459	5,813,442	11,708,160
50 " 99 ".....	17	2,700	5,113,839	1,736,903	10,586,946	21,299,283
100 " 199 ".....	25	8,563	18,414,165	8,264,706	40,652,769	96,432,449
200 " 499 ".....	37	31,860	74,487,101	35,070,218	163,936,044	392,868,365
500 and over.....						
Totals.....	113	44,967	101,364,636	46,202,000	223,448,338	527,814,916
2. Slaughtering and Meatpacking—						
Under 5 employees.....	18	38	41,637	6,670	909,036	996,594
5 to 14 ".....	33	279	436,710	45,452	7,739,613	8,824,571
15 " 49 ".....	42	1,146	1,956,142	194,208	22,902,552	26,816,599
50 " 99 ".....	13	904	1,609,850	185,872	30,807,066	35,007,145
100 " 199 ".....	13	1,871	3,151,269	249,673	41,481,821	46,852,585
200 " 499 ".....	14	4,381	7,652,681	573,321	70,299,997	85,053,466
500 and over.....	14	13,917	25,464,736	1,805,663	233,893,371	272,402,194
Totals.....	147	22,536	40,313,025	3,050,859	408,033,456	475,953,154
3. Non-ferrous Metal Smelting and Refining—						
5 to 14 employees.....	1	1				
15 " 99 ".....	1	393	794,382	608,426	9,279,630	12,667,325
100 " 199 ".....	2					
200 " 499 ".....	4	1,738	3,589,299	2,643,145	68,878,535	77,525,285
500 and over.....	7	12,415	26,264,680	19,036,001	134,706,865	214,525,914
Totals.....	15	14,546	30,648,361	22,287,572	212,865,030	304,718,524
4. Sawmills—						
Under 5 employees.....	4,124	10,283	5,570,875	542,620	19,545,843	33,823,042
5 to 14 ".....	1,318	10,187	11,397,163	666,764	33,828,812	58,738,723
15 " 49 ".....	424	10,509	14,758,210	517,594	33,866,102	61,241,569
50 " 99 ".....	80	5,236	8,514,402	265,296	19,370,865	36,105,191
100 " 199 ".....	34	4,892	8,472,226	183,305	18,104,308	34,436,067
200 " 499 ".....	17	5,403	9,762,742	107,337	23,534,786	45,236,358
500 and over.....	4	2,842	5,335,642	111,222	7,856,811	18,329,107
Totals.....	6,001	49,352	63,811,260	2,394,138	156,107,527	287,910,057
5. Flour and Feed Mills—						
Under 5 employees.....	759	1,379	1,203,654	367,515	28,307,869	33,120,430
5 to 14 ".....	151	1,124	1,445,518	348,560	21,437,969	25,581,026
15 " 49 ".....	40	965	1,636,428	277,910	27,630,066	32,433,505
50 " 99 ".....	7	486	850,468	100,069	14,449,280	17,456,041
100 " 199 ".....	8	1,123	2,048,504	416,026	34,398,577	39,745,305
200 " 499 ".....	7					
500 and over.....	2	2,959	5,713,588	724,390	98,009,937	112,323,144
Totals.....	974	8,036	12,898,160	2,234,470	224,233,698	260,659,451
6. Butter and Cheese—						
Under 5 employees.....	1,526	3,345	2,973,886	928,743	50,977,356	57,398,393
5 " 14 ".....	410	3,286	3,928,734	884,881	43,798,909	52,599,073
15 " 49 ".....	164	4,161	5,794,203	1,025,255	36,089,728	47,966,300
50 " 99 ".....	34	2,458	3,954,674	472,471	14,686,087	21,911,484
100 " 199 ".....	16	2,146	3,692,359	338,164	13,219,511	21,094,145
200 " 499 ".....	8	2,502	4,761,474	420,809	11,768,984	20,355,872
500 and over.....	3	1,761	3,562,911	194,580	7,097,942	13,339,194
Totals.....	2,161	19,659	28,668,241	4,264,903	177,638,517	234,664,461

41.—Principal Statistics of the Twenty-Five Leading Industries of Canada, Grouped According to Number of Employees per Establishment, 1946—continued

Group and Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
7. Electrical Apparatus and Supplies—						
Under 5 employees.....	35	88	122,617	7,694	220,403	467,264
5 to 14 ".....	46	386	615,741	23,947	1,283,574	2,433,342
15 " 49 ".....	81	2,352	3,730,423	115,334	7,205,805	15,457,490
50 " 99 ".....	29	2,059	3,191,612	116,371	5,114,707	11,607,003
100 " 199 ".....	33	4,756	7,144,850	266,313	14,322,178	30,149,380
200 " 499 ".....	27	8,034	13,703,429	513,546	21,914,777	51,667,150
500 and over.....	15	26,323	46,001,807	1,621,050	51,877,828	122,791,024
Totals.....	266	43,998	74,510,479	2,664,455	101,939,272	234,572,653
8. Petroleum Products—						
Under 5 employees.....	8	21	41,471	3,590	154,828	236,643
5 to 14 ".....	5	44	76,075	8,457	324,334	692,226
15 " 49 ".....	8	193	371,475	132,888	2,924,644	4,113,004
50 " 99 ".....	5	343	604,224	214,072	7,541,958	10,175,873
100 " 199 ".....	6	787	1,505,575	818,155	23,417,081	29,620,505
200 " 499 ".....	8	2,505	5,115,369	3,794,397	60,996,339	90,594,938
500 and over.....	3	3,252	7,134,952	5,187,466	60,459,560	87,992,191
Totals.....	43	7,145	14,849,141	10,159,025	155,818,744	223,425,380
9. Automobiles—						
15 to 49 employees.....	1	515	841,724	22,237	1,239,877	3,214,760
100 " 199 ".....	3					
200 " 499 ".....	1					
500 and over.....	4	21,132	43,127,048	1,946,827	134,316,306	190,224,928
Totals.....	9	21,647	43,968,772	1,969,064	135,556,183	193,439,688
10. Clothing, Women's Factory—						
Under 5 employees.....	138	339	514,651	5,972	2,323,832	4,438,522
5 to 14 ".....	351	3,243	5,034,124	59,446	9,988,183	20,136,596
15 " 49 ".....	475	12,662	20,119,231	165,955	38,138,104	73,440,117
50 " 99 ".....	101	6,616	9,628,831	81,063	19,838,794	37,766,791
100 " 199 ".....	35	4,802	6,443,745	61,837	13,905,334	25,718,652
200 " 499 ".....	8	2,301	3,244,596	22,041	6,943,894	12,852,545
Totals.....	1,108	29,963	44,985,178	396,314	91,138,141	174,353,223
11. Railway Rolling Stock—						
Under 5 employees.....	3	30	54,100	2,831	495,001	625,167
5 to 14 ".....	2					
15 " 49 ".....	3					
50 " 99 ".....	2	220	364,381	14,193	702,827	1,334,802
100 " 199 ".....	5	793	1,500,268	177,051	1,644,876	4,004,706
200 " 499 ".....	6	2,081	4,136,765	185,835	3,394,872	8,124,793
500 and over.....	16	25,429	51,760,331	3,187,187	77,699,789	148,070,053
Totals.....	37	28,553	57,815,845	3,567,097	83,937,365	162,159,521
12. Rubber Goods—						
Under 5 employees.....	9	19	20,754	613	8,563	45,779
5 to 14 ".....	10	82	119,612	6,007	135,415	333,287
15 " 49 ".....	8	215	293,762	15,258	387,362	1,098,727
50 " 99 ".....	5	371	606,340	113,947	1,318,695	2,814,187
100 " 199 ".....	7	983	1,309,468	80,826	2,067,121	5,057,594
200 " 499 ".....	6	2,059	3,176,035	272,418	4,601,581	11,741,203
500 and over.....	15	18,326	32,287,392	3,332,218	53,616,841	138,317,336
Totals.....	60	22,055	37,813,363	3,821,287	62,135,578	159,408,113
13. Primary Iron and Steel—						
Under 200 employees.....	35	2,786	5,015,096	1,193,558	9,470,755	16,621,357
200 and over.....	24	21,410	45,500,801	11,838,565	58,997,678	136,461,259
Totals.....	59	24,196	50,515,897	13,032,123	68,468,433	153,082,616

41.—Principal Statistics of the Twenty-Five Leading Industries of Canada, Grouped According to Number of Employees per Establishment, 1946—continued

Group and Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
14. Clothing, Men's Factory—						
Under 5 employees.....	128	285	484,748	3,875	3,753,558	6,762,240
5 to 14 ".....	111	1,024	1,615,951	17,014	7,141,519	13,124,342
15 " 49 ".....	151	4,532	6,349,479	77,900	15,926,076	28,266,997
50 " 99 ".....	80	5,670	7,403,301	100,015	15,772,112	28,905,549
100 " 199 ".....	39	5,221	7,206,430	82,560	15,440,366	27,610,607
200 " 499 ".....	21	6,810	9,051,955	107,403	15,666,049	29,335,118
500 and over.....	7	4,280	6,002,968	64,352	9,333,886	18,702,118
Totals.....	537	27,822	38,114,832	453,119	83,033,566	152,706,971
15. Bread and Other Bakery Products—						
Under 5 employees.....	1,643	3,906	4,026,449	876,458	7,564,494	15,111,962
5 to 14 ".....	901	6,847	8,068,648	954,132	13,388,852	27,013,983
15 " 49 ".....	232	5,931	8,293,968	859,839	14,004,261	28,889,025
50 " 99 ".....	38	2,664	4,072,090	378,632	7,689,982	16,164,614
100 " 199 ".....	29	3,894	6,235,751	473,070	10,786,302	22,266,024
200 " 499 ".....	17	4,646	7,861,949	607,795	12,053,251	25,118,226
500 and over.....	4	2,565	4,428,346	345,319	5,399,367	13,798,694
Totals.....	2,864	30,453	42,987,201	4,495,245	70,886,539	148,362,528
16. Machinery—						
Under 5 employees.....	27	69	114,852	6,568	139,441	340,806
5 to 14 ".....	59	560	975,575	40,190	1,088,732	2,990,140
15 " 49 ".....	92	2,657	4,898,690	173,335	7,939,763	17,363,237
50 " 99 ".....	57	4,063	7,603,072	240,591	9,240,248	25,378,376
100 " 199 ".....	31	4,611	8,303,773	276,451	8,752,580	24,008,418
200 " 499 ".....	26	7,948	14,967,564	524,045	10,115,998	38,384,383
500 and over.....	7	7,095	13,383,298	584,801	13,484,033	37,172,888
Totals.....	299	27,003	50,246,824	1,845,981	50,760,795	145,638,248
17. Fruit and Vegetable Preparations—						
Under 5 employees.....	151	431	294,877	32,556	1,240,479	1,794,236
5 to 14 ".....	128	1,057	930,208	84,355	4,446,493	6,536,439
15 " 49 ".....	154	4,045	4,538,037	424,267	19,332,064	30,751,438
50 " 99 ".....	43	2,974	3,671,992	402,445	18,707,761	27,744,429
100 " 199 ".....	27	3,637	4,368,110	432,355	15,157,700	25,621,803
200 " 499 ".....	8	4,229	5,365,554	513,664	24,549,649	43,555,793
500 and over.....	2					
Totals.....	513	16,373	19,168,778	1,889,642	83,434,146	136,004,138
18. Sheet Metal Products—						
Under 5 employees.....	43	115	144,843	7,462	225,731	521,613
5 to 14 ".....	67	595	882,955	34,883	1,004,545	2,608,129
15 " 49 ".....	57	1,644	2,566,741	119,170	4,547,306	9,644,338
50 " 99 ".....	24	1,745	2,766,885	102,863	4,437,264	10,008,059
100 " 199 ".....	18	2,614	4,417,107	267,647	9,646,159	18,129,849
200 " 499 ".....	16	5,599	9,559,256	475,963	26,352,732	46,457,807
500 and over.....	5	4,546	7,236,496	411,466	16,778,244	28,329,760
Totals.....	230	16,858	27,574,283	1,419,454	62,991,981	115,699,555
19. Foods Miscellaneous—						
Under 5 employees.....	87	234	285,937	17,234	1,540,126	2,180,942
5 to 14 ".....	107	937	1,376,196	78,645	8,189,730	11,503,935
15 " 49 ".....	64	1,814	2,572,248	145,620	19,740,670	27,576,509
50 " 99 ".....	10	695	1,086,479	79,750	7,328,469	10,148,908
100 " 199 ".....	13	1,829	2,660,005	230,382	25,732,040	36,449,060
200 " 499 ".....	4	1,384	1,777,316	47,249	16,251,129	22,192,584
500 and over.....	1					
Totals.....	286	6,893	9,758,181	598,880	78,782,164	110,051,938

41.—Principal Statistics of the Twenty-Five Leading Industries of Canada, Grouped According to Number of Employees per Establishment, 1946—concluded

Group and Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
20. Cotton Yarn and Cloth—						
Under 5 employees.....	1	21	18,779	1,307	56,132	79,997
5 to 14 ".....	2					
15 " 49 ".....	3	87	92,426	6,761	429,868	907,546
50 " 99 ".....	3	243	252,191	32,036	443,309	866,444
100 " 199 ".....	6	911	1,260,840	106,230	2,715,691	5,150,229
200 " 499 ".....	10	3,010	3,897,400	284,281	10,122,544	16,520,658
500 and over.....	16	16,390	23,568,707	2,429,138	48,728,086	86,303,576
Totals.....	41	20,662	29,090,343	2,859,753	62,495,630	109,828,450
21. Breweries—						
Under 5 employees.....	2	53	118,379	15,612	105,839	506,323
5 to 14 ".....	5					
15 " 49 ".....	9	285	554,635	88,079	687,459	3,550,948
50 " 99 ".....	20	1,501	2,869,865	334,341	3,981,178	18,730,715
100 " 199 ".....	16	2,220	4,261,039	458,724	6,704,655	31,469,660
200 " 499 ".....	6	1,612	3,124,274	300,344	5,739,996	27,651,089
500 and over.....	3	2,973	6,815,557	415,498	6,197,372	27,390,852
Totals.....	61	8,644	17,743,749	1,612,598	23,416,499	109,299,587
22. Hosiery and Knitted Goods—						
Under 5 employees.....	28	55	77,709	1,685	299,732	825,207
5 to 14 ".....	41	393	494,502	11,857	1,154,459	2,077,330
15 " 49 ".....	79	2,330	2,817,263	98,979	6,000,368	11,211,980
50 " 99 ".....	36	2,550	2,899,945	109,275	5,424,907	11,047,087
100 " 199 ".....	29	4,275	4,535,893	185,570	8,367,099	18,314,180
200 " 499 ".....	26	8,394	10,259,026	481,654	15,351,896	35,733,906
500 and over.....	8	6,944	9,126,169	367,380	10,672,418	25,999,009
Totals.....	247	24,941	30,210,507	1,256,400	47,270,879	105,208,639
23. Printing and Publishing—						
Under 5 employees.....	367	897	1,009,306	91,001	368,191	1,986,029
5 to 14 ".....	222	1,717	2,356,570	115,460	798,081	4,627,882
15 " 49 ".....	99	2,597	3,876,083	127,980	1,717,913	8,486,483
50 " 99 ".....	46	3,238	5,772,158	147,307	2,815,065	14,485,386
100 " 199 ".....	19	2,621	4,804,967	104,745	1,983,429	11,938,588
200 " 499 ".....	13	3,852	7,181,828	179,180	4,798,395	20,862,057
500 and over.....	9	6,540	14,845,396	272,229	12,097,014	41,918,639
Totals.....	775	21,462	39,846,308	1,037,902	24,578,088	104,305,064
24. Fish Curing and Packing—						
Under 5 employees.....	177	469	343,543	27,197	3,834,018	4,859,379
5 to 14 employees.....	231	1,979	1,633,473	133,446	9,413,244	13,243,604
15 " 49 ".....	131	3,255	3,466,970	259,207	16,631,428	24,284,868
50 " 99 ".....	27	1,903	2,508,860	168,280	12,224,427	17,775,906
100 " 199 ".....	14	1,976	3,072,082	247,499	13,604,124	21,040,602
200 " 499 ".....	6	1,745	2,774,881	268,059	12,305,587	18,996,932
Totals.....	586	11,327	13,799,809	1,103,688	68,012,828	100,201,291
25. Boots and Shoes, Leather—						
Under 5 employees.....	22	54	47,193	2,568	81,618	143,937
5 to 14 ".....	43	404	430,416	10,767	885,547	1,523,343
15 " 49 ".....	94	2,770	3,396,846	61,141	6,464,631	11,781,185
50 " 99 ".....	64	4,648	6,044,381	98,264	11,357,243	20,227,795
100 " 199 ".....	46	6,301	8,146,044	130,890	14,695,465	27,461,275
200 " 499 ".....	22	6,449	8,523,308	126,236	15,373,562	28,485,644
500 and over.....	3	1,708	2,435,408	51,964	3,482,748	6,812,072
Totals.....	294	22,334	29,023,596	481,830	52,340,814	96,435,251

Subsection 5.—Power and Fuel

Power.—Power equipment installed in manufacturing establishments is a very good barometer of the industrial development of Canada, inasmuch as production is increasingly dependent on power equipment. Increases and decreases in productive capacity, measured in horse-power, are not the result of temporary fluctuations in costs and values in the same manner as capital investments, values of products, etc. Of course, power equipment installed is not a measure of the actual utilization of power for there is generally an excess over actual requirements, i.e., over power equipment in operation. Producers must have an installed operating margin in excess of normal requirements to provide for booming business conditions or break-down of part of the plant; in times of depression this margin increases. Then, too, the practice in factories, etc., of installing individual motors to each machine in place of large central motors increases total installed capacity. If spare or idle machinery could be deducted from total installation over a long period of time, the resultant data would be more informative. Reports of such spare or idle equipment are available, however, only since 1934, and the percentage of equipment not in regular use has been approximately the same each year, viz., about 6 p.c. Power equipment figures, unless such deductions can be made over a long term, will not reflect temporary depressions.

Electric motors in the manufacturing industries operated by purchased power are included with primary power equipment and consequently the central electric stations producing the power are not included as manufacturing industries. Electric motors operated by power generated within these industries are not included in Table 42 with the primary power equipment that produces the power to operate them but they are shown separately, together with the total of all electric motors for each year. These totals indicate the rate of growth of electric drive in these industries in Canada, which has increased from 61.3 p.c. of the total power equipment in 1923 to 80.6 p.c. in 1946

Of the total increase in power equipment employed in manufacturing industries since 1923, 78.8 p.c. was in electric motors operated on power purchased from central electric stations. However, some sections of Canada are not well provided with water power and in such sections primary power derived from steam engines or turbines, and internal combustion engines—which include all gasoline engines, gas engines (natural, coal, and producer gas), and compression-ignition engines—has also increased rapidly during the period covered. During the period 1923-46 there was an increase of 25 p.c. in the capacity of water wheels, 86 p.c. in the capacity of steam engines, while the capacity of electric motors and internal combustion engines more than quadrupled during the same period.

In the Provinces of Prince Edward Island, Nova Scotia, New Brunswick, Saskatchewan, and Alberta, primary power produced from fuels is an important factor in power utilization.

42.—Power Equipment Installed in the Manufacturing Industries of Canada, 1931-45, with Details by Provinces and Industrial Groups, 1946

Year and Province or Group	Steam Engines and Turbines	Internal Combustion Engines	Hydraulic Turbines and Water Wheels	Total	Electric Motors Operated by Purchased Power	Total Power Equipment	Electric Motors Operated by Power Generated by Establishments Reporting	Total Electric Motors
	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.
Totals, 1931.....	780,487	73,376	667,544	1,521,408	2,578,523	4,099,932	539,430	3,117,953
Totals, 1932.....	735,980	68,551	653,204	1,457,735	2,684,923	4,142,658	510,837	3,195,760
Totals, 1933.....	738,297	76,583	657,688	1,472,563	2,662,445	4,135,008	497,392	3,159,837
Totals, 1934.....	774,494	87,120	597,672	1,459,286	2,770,383	4,229,672	544,714	3,315,097
Totals, 1935.....	774,166	88,265	603,717	1,466,148	2,865,340	4,331,488	512,177	3,377,517
Totals, 1936.....	743,184	92,480	648,488	1,484,153	2,977,714	4,461,867	528,501	3,506,215
Totals, 1937.....	834,703	98,233	649,557	1,582,493	3,129,790	4,712,283	602,955	3,732,745
Totals, 1938.....	830,897	111,645	723,377	1,665,915	3,303,804	4,969,723	659,741	3,963,545
Totals, 1939.....	827,801	121,997	731,390	1,681,188	3,364,099	5,045,287	694,450	4,058,549
Totals, 1940.....	848,596	152,240	727,051	1,727,887	3,563,048	5,290,935	724,769	4,287,817
Totals, 1941.....	917,474	179,461	724,193	1,821,134	4,028,942	5,850,076	710,112	4,769,054
Totals, 1942.....	927,509	224,358	741,751	1,893,618	4,168,402	6,062,020	800,917	4,969,319
Totals, 1943.....	988,280	257,873	749,593	1,995,746	4,420,105	6,415,851	760,630	5,180,735
Totals, 1944.....	1,013,615	288,312	729,216	2,031,143	4,437,296	6,468,439	779,717	5,217,013
Totals, 1945.....	1,015,294	295,123	709,598	2,020,015	4,586,636	6,606,651	787,930	5,374,566
PROVINCE								
Prince Edward Island.....	1,278	1,713	1,447	4,438	1,257	5,695	—	1,257
Nova Scotia.....	71,325	21,910	14,671	107,906	95,370	203,276	65,204	160,574
New Brunswick....	83,859	18,046	28,043	129,948	141,234	271,182	54,600	195,834
Quebec.....	205,405	66,195	320,264	591,864	1,871,289	2,463,153	164,193	2,035,482
Ontario.....	437,441	107,910	257,320	802,671	1,986,765	2,789,436	361,668	2,348,433
Manitoba.....	15,303	10,238	34	25,575	154,163	179,738	6,193	160,356
Saskatchewan.....	16,459	19,362	—	35,821	47,598	83,419	6,277	47,875
Alberta.....	28,281	30,640	—	58,921	91,465	150,386	6,276	97,741
British Columbia..	173,189	91,950	111,080	376,219	260,829	637,048	161,960	422,789
Yukon and North-west Territories..	99	494	—	593	23	616	—	23
Totals, 1946..	1,032,639	368,458	732,859	2,133,956	4,649,993	6,783,949	820,371	5,470,364
INDUSTRIAL GROUP								
Vegetable products..	113,345	45,744	24,970	184,059	370,440	554,499	52,299	422,739
Animal products...	24,673	15,267	2,897	42,837	169,797	212,634	4,979	174,776
Textiles and textile products.....	24,941	3,280	25,247	53,468	248,117	301,585	28,512	276,629
Wood and paper products.....	578,322	237,248	620,288	1,435,858	1,877,930	3,313,788	569,249	2,447,179
Iron and its products.....	170,337	43,375	1,377	215,089	977,382	1,192,471	112,687	1,090,069
Non-ferrous metal products.....	32,992	6,844	46,507	86,343	469,350	555,693	27,332	496,682
Non-metallic mineral products....	57,239	15,072	803	73,114	258,902	332,016	9,403	268,305
Chemicals and allied products..	27,779	1,411	10,770	39,960	245,030	284,990	13,559	258,589
Miscellaneous industries.....	3,011	217	—	3,228	33,045	36,273	2,351	35,396

¹ Includes "steam engines" 525,573 h.p. and "steam turbines" 507,066 h.p.

Fuel and Electricity.—Fuel is used quite generally throughout the industrial field for the generation of power by means of steam and internal combustion engines. It is also used for the heating of plants, and for providing the heat necessary to some manufacturing processes. The most important industries where heat is applied to the materials to facilitate or accomplish the desired transformation are foundries and machine shops, brick, tile, lime, and cement-making, petroleum refining, the glass industry, distilleries, food preparation, rubber goods, etc. Fuel used for such heating purposes, as well as for power, is included in the figures of Table 43. In addition to the electricity used for ordinary power purposes, the figures include also the electricity used for heating boilers in the pulp and paper industry. Consumption of surplus energy in electric boilers increased rapidly during the years preceding the Second World War.

The figures of the table do not include coke charged to iron-blast furnaces or foundry cupolas. Neither do they include fuels that constitute the raw materials to be transformed as coal in the coke and gas industries and crude petroleum in the refining industry.

The value of fuel consumed increased 123 p.c. from 1939 to 1946. Part of the increase was due to an increase in the quantity used and part to the rise in the unit cost of fuels of all kinds. Electricity, on the other hand, has increased during the same period by 65 p.c. The groups of industries in which fuel was most extensively used in 1946 were: iron and its products, wood and paper products, non-ferrous metals and non-metallic mineral products.

Quebec is the largest user of electric power, having used 47.6 p.c. of the Dominion total in 1946.

43.—Fuel and Electricity Used in the Manufacturing Industries of

Year and Province or Group	Bituminous Coal				Anthracite	
	Canadian		Imported			
	short tons	\$	short tons	\$	short tons	\$
Totals, 1932	1,578,341	8,433,592	2,255,296	12,004,969	136,947	1,002,634
Totals, 1933	1,499,715	7,571,912	2,026,113	10,770,107	145,017	1,033,154
Totals, 1934	1,812,712	9,220,235	2,123,376	12,151,844	166,242	1,166,745
Totals, 1935	1,889,364	9,681,361	2,135,592	12,427,515	173,188	1,194,905
Totals, 1936	2,122,583	10,886,270	2,383,166	13,683,753	176,869	1,274,078
Totals, 1937	2,907,671	15,648,467	2,828,519	16,255,262	173,993	1,253,376
Totals, 1938	2,484,071	13,553,411	2,455,613	14,266,262	152,194	1,107,168
Totals, 1939	2,893,613	15,744,444	2,262,378	13,386,496	167,465	1,151,278
Totals, 1940	3,306,682	19,381,414	3,204,513	19,707,934	171,271	1,347,910
Totals, 1941	3,121,155	19,940,895	4,680,123	31,835,408	180,189	1,540,230
Totals, 1942	3,469,131	24,312,873	5,301,273	38,940,599	236,494	2,126,707
Totals, 1943	2,971,872	21,853,184	6,510,494	50,089,082	265,537	2,372,290
Totals, 1944	2,538,345	19,785,479	7,336,983	55,667,410	228,795	2,231,277
Totals, 1945	2,262,325	17,339,084	6,221,434	51,584,560	214,975	2,094,925
PROVINCE						
Prince Edward Island.....	7,632	79,499	19	241	42	693
Nova Scotia.....	393,005	2,622,257	94	1,276	416	7,170
New Brunswick.....	531,695	4,064,983	701	7,342	850	14,360
Quebec.....	567,590	5,389,421	1,599,786	14,492,157	83,348	779,195
Ontario.....	158,173	1,497,371	4,173,391	33,491,476	75,354	788,471
Manitoba.....	134,053	1,063,551	20,452	210,639	11,981	166,856
Saskatchewan.....	97,362	760,522	215	2,660	475	3,215
Alberta.....	99,029	484,794	32	367	127	1,392
British Columbia.....	289,821	2,092,419	302	5,417	6,546	51,392
Yukon and Northwest Territories.....	200	3,250	—	—	—	—
Totals, 1946	2,278,560	18,058,067	5,794,992	48,211,575	179,139	1,812,744
INDUSTRIAL GROUP						
Vegetable products.....	210,296	1,651,518	930,091	7,314,842	50,326	594,132
Animal products.....	206,920	1,756,485	279,482	2,510,604	11,113	107,307
Textiles and textile products.....	146,926	1,314,887	399,070	3,610,311	27,682	247,363
Wood and paper products.....	707,526	5,683,049	1,810,718	15,482,791	27,789	253,119
Iron and its products.....	391,752	2,745,340	744,552	6,035,017	32,894	317,985
Non-ferrous metal products.....	217,000	1,750,548	571,091	4,825,430	5,811	58,437
Non-metallic mineral products.....	310,759	2,426,415	663,283	5,343,329	11,083	101,886
Chemicals and allied products.....	79,724	656,979	367,087	2,816,494	10,744	109,253
Miscellaneous industries.....	7,657	72,846	29,618	272,757	1,697	23,262

¹ Includes gasoline and kerosene.² Includes fuel and electricity used in smelters for metallurgical purposes.

Canada, 1932-45, with Details by Provinces and Industrial Groups, 1946

Lignite		Coke		Fuel Oils	Wood	Gas	Other Fuel ¹	Elec- tricity	Total
short tons	\$	short tons	\$	\$	\$	\$	\$	\$	\$
156,097	497,154	322,829	1,592,015	4,684,042	1,483,066	4,692,700	974,884	34,764,666	70,129,722
158,437	522,626	288,811	1,574,426	4,606,527	1,635,689	4,827,310	981,591	33,092,334	66,615,676
193,820	601,520	319,410	1,670,877	5,182,216	1,450,553	5,734,229	1,549,086	38,150,061	76,877,366
215,341	684,396	376,928	1,921,138	5,981,169	1,419,130	5,707,589	1,773,040	40,489,645	81,279,888
233,138	740,099	344,797	1,883,025	6,381,311	1,421,076	6,583,603	1,962,450	43,781,481	88,597,146
265,440	759,600	657,994	5,169,524	8,580,369	1,636,098	7,404,919	2,867,421	50,032,810	109,607,846
223,536	692,428	585,467	4,493,824	8,103,428	1,614,941	7,381,904	2,803,022	47,900,172	101,916,560 ²
238,698	740,593	596,077	4,870,875	8,560,418	1,562,119	7,891,892	3,155,016	50,509,121	107,572,252 ²
319,499	965,229	689,878	5,797,070	12,360,737	1,754,791	10,172,976	7,062,852	58,429,262	136,980,175 ²
366,010	1,177,180	728,871	6,388,464	17,734,137	1,896,184	12,554,559	9,819,759	71,754,501	174,641,317 ²
359,534	1,166,125	724,264	7,002,130	21,345,936	2,213,637	13,180,067	11,224,569	85,205,846	206,718,489 ²
345,359	1,085,734	752,916	7,260,866	22,402,629	2,463,573	15,198,110	11,272,877	91,950,030	225,954,375 ²
421,351	1,522,417	803,179	7,909,168	21,822,975	2,340,460	16,890,106	9,714,478	87,699,383	225,583,153 ²
425,293	1,525,867	801,706	7,606,247	21,333,878	2,229,111	15,078,350	9,592,233	83,999,865	212,384,120 ²
-	-	167	2,895	5,365	6,176	-	19,434	34,523	148,829
53	835	23,006	127,718	569,022	37,912	1,481,021	354,522	1,498,334	6,700,067
966	5,591	3,121	36,892	312,128	161,994	21,806	335,330	1,620,639	6,581,065
133	1,652	123,398	1,253,332	6,807,208	1,025,632	2,919,611	2,645,456	39,656,910	74,970,574
674	9,008	427,805	4,368,295	11,584,331	465,502	7,777,833	4,664,027	28,692,173	93,338,487
239,410	896,632	10,864	129,616	437,892	187,577	209,756	412,617	2,294,223	6,009,359
70,231	289,212	948	4,637	499,963	50,307	284,610	224,094	1,182,008	3,301,228
76,635	188,401	1,944	20,864	110,331	16,891	976,484	368,812	1,703,344	3,871,680
6,587	50,946	99,899	940,581	3,513,866	229,181	297,244	1,697,499	6,588,168	15,466,713
-	-	-	-	32,358	8,099	-	18,233	2,783	64,723
394,689	1,442,277	631,152	6,884,833	23,872,464	2,189,271	13,968,365	10,740,024	83,273,105	210,452,725 ²
131,092	463,857	39,143	508,532	1,684,585	585,959	1,132,415	2,549,556	6,029,219	22,514,615
106,372	429,457	22,791	111,002	868,985	663,129	300,913	1,698,851	3,264,792	11,711,525
1,810	13,453	3,410	27,732	557,304	43,691	84,971	256,606	4,574,739	10,731,087
4,202	24,694	5,285	43,445	3,167,749	218,277	223,876	2,945,031	27,995,595	56,037,626
109,429	347,434	68,285	488,541	6,837,321	95,422	4,142,735	1,417,977	12,311,523	34,739,295
1,323	7,337	226,981	2,859,529	2,680,051	28,501	493,263	341,473	14,663,028	27,707,597
37,893	140,467	318,300	2,760,345	7,125,884	533,387	7,453,934	959,865	5,535,105	32,360,617
2,178	12,388	6,497	79,653	898,745	12,115	87,531	481,954	8,185,360	13,340,472
380	3,190	460	6,054	51,840	8,790	48,727	108,711	713,744	1,309,921

PART II.—PROVINCIAL AND LOCAL DISTRIBUTION OF MANUFACTURING PRODUCTION

This part of the Report is introduced by a general analysis of the concentration of the manufacturing industries in the provinces. In the sections that follow, the principal features of the manufactures of each province are brought out and finally the distribution of manufacturing throughout the principal cities and towns of the Dominion is shown.

Ontario and Quebec are by far the most important manufacturing provinces of Canada. Their combined production in 1946 amounted to \$6,252,495,222 or 78 p.c. of the gross value of manufactured products of the Dominion. The proximity of Ontario to the coalfields of Pennsylvania, the water power and other varied resources of the two provinces, and their nearness to the larger markets of Canada and the United States have all contributed to the above result.

Table 1 shows the outstanding predominance of Ontario and Quebec in each industrial group. Quebec leads in the manufacture of textiles, but in each of the other groups Ontario has the greater production. The standing of these two provinces is most nearly approached by British Columbia in the case of the wood and paper products group, where the latter province accounts for 16.1 p.c. of the gross production compared with 35.6 p.c. for Ontario and 35.5 p.c. for Quebec; in each of the other groups the positions of Ontario and Quebec lead by a wide margin. Previous to 1941, Table 1 has shown the value of production in each province, by industry. With the establishment of many vital war plants throughout Canada, it was not possible to publish this detail during the war years, and the provincial distribution by groups, instead of by industries is given. In this way the publication of figures relating to individual establishments has, in many cases, been avoided.

1.—Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1946

Province and Group	Estab-lish-ments	Em-ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Canada						
Vegetable products.....	5,916	137,170	206,893,681	871,436,061	575,963,454	1,469,914,130
Animal products.....	4,528	102,844	151,517,837	849,242,804	271,279,430	1,132,233,759
Textiles and textile products	3,082	164,737	228,018,323	459,664,221	418,263,665	888,658,943
Wood and paper products...	11,994	224,121	366,049,562	679,343,485	749,055,011	1,484,436,122
Iron and its products.....	2,358	249,279	475,812,983	635,344,199	735,459,371	1,405,542,865
Non-ferrous metal products.	740	84,853	150,366,178	413,022,247	278,461,262	719,191,106
Non-metallic mineral products.....	910	36,493	63,848,640	240,485,869	173,638,196	446,484,682
Chemicals and chemical products.....	1,017	37,278	66,538,532	159,308,350	203,639,442	376,288,264
Miscellaneous industries.....	704	21,381	31,641,518	50,387,530	61,245,149	112,942,600
Totals	31,249	1,058,156	1,740,687,254	4,358,234,766	3,467,004,980	8,035,692,471
Prince Edward Island						
Vegetable products.....	33	245	262,282	950,275	527,396	1,511,420
Animal products.....	96	811	667,542	4,987,354	1,503,518	6,555,307
Wood and paper products....	106	445	342,475	460,110	636,456	1,123,304
Iron and its products.....	6	152	242,256	263,842	295,857	575,699
All other groups ¹	5	102	136,914	920,465	506,208	1,434,580
Totals	246	1,755	1,651,469	7,582,046	3,469,435	11,200,310

¹ Includes textiles, non-metallic minerals and chemicals.

1.—Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1946—continued

Province and Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Nova Scotia						
Vegetable products.....	160	3,147	4,074,434	9,941,637	9,182,812	19,584,643
Animal products.....	238	4,479	5,361,729	29,134,963	11,066,875	40,663,263
Textiles and textile products	30	2,397	2,601,101	5,888,590	5,200,615	11,288,121
Wood and paper products...	860	7,348	8,967,342	18,058,905	16,953,383	36,329,530
Iron and its products.....	68	10,507	18,713,446	18,128,159	21,388,175	42,029,197
Non-metallic mineral products.....	21	1,441	2,692,129	16,587,427	6,076,552	24,305,321
Chemicals and chemical products.....	16	359	590,968	2,513,536	1,761,857	4,380,379
Miscellaneous industries.....	4	46	59,110	101,263	108,604	212,966
Totals.....	1,397	29,724	43,060,259	100,354,480	71,738,873	178,793,420
New Brunswick						
Vegetable products.....	149	2,957	3,880,241	28,848,415	10,035,189	39,611,771
Animal products.....	201	3,300	3,366,524	16,704,209	7,223,198	24,323,155
Textiles and textile products	20	1,975	2,429,490	3,796,159	4,436,654	8,458,604
Wood and paper products....	556	9,360	14,301,842	37,922,696	31,219,354	73,577,899
Iron and its products.....	32	3,696	6,949,937	3,638,894	10,937,011	14,983,484
Non-metallic mineral products.....	21	307	437,047	743,502	1,213,274	2,201,828
Chemicals and chemical products.....	8	222	413,410	2,741,396	1,111,440	3,894,551
Miscellaneous industries.....	6	915	1,373,428	1,994,028	1,607,257	3,702,449
Totals.....	993	22,732	33,151,919	96,389,299	67,783,377	170,753,741
Quebec						
Vegetable products.....	1,855	40,599	59,530,796	210,709,596	154,425,130	370,615,635
Animal products.....	1,866	34,799	46,039,869	203,331,809	76,697,826	282,790,238
Textiles and textile products	1,745	90,312	124,974,989	253,352,836	232,343,258	491,637,370
Wood and paper products....	3,840	72,159	118,173,148	243,345,019	256,345,060	527,311,296
Iron and its products.....	533	65,436	124,818,420	137,997,257	184,846,559	330,375,759
Non-ferrous metal products.	193	24,536	43,450,930	116,964,349	84,846,488	213,677,920
Non-metallic mineral products.....	240	9,506	16,508,648	65,114,647	50,760,696	126,049,931
Chemicals and chemical products.....	327	13,893	23,813,603	50,544,497	68,970,904	122,786,625
Miscellaneous industries.....	219	6,036	8,675,702	15,649,089	16,755,927	32,726,747
Totals.....	10,818	357,276	565,986,105	1,297,009,099	1,125,991,848	2,497,971,521
Ontario						
Vegetable products.....	2,484	68,455	106,303,669	433,535,809	289,442,715	734,685,876
Animal products.....	1,505	34,860	55,687,173	297,613,326	95,126,366	397,619,498
Textiles and textile products	1,069	62,619	88,483,615	168,923,082	157,862,117	330,901,182
Wood and paper products....	3,319	84,230	140,498,833	234,510,901	276,910,901	527,825,173
Iron and its products.....	1,241	142,765	272,854,241	424,445,021	432,981,909	879,156,689
Non-ferrous metal products.	466	54,424	94,813,566	223,684,543	179,835,354	415,291,772
Non-metallic mineral products.....	443	18,817	33,250,556	104,062,806	85,584,503	204,854,445
Chemicals and chemical products.....	534	19,351	34,791,639	87,690,705	105,176,302	199,676,206
Miscellaneous industries.....	363	12,599	18,533,255	27,434,399	36,364,455	64,512,860
Totals.....	11,424	498,120	845,216,547	2,001,900,592	1,659,281,622	3,751,523,701

¹ Includes non-ferrous metals.

1.—Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1946—concluded

Province and Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
Manitoba	No.	No.	\$	\$	\$	\$
Vegetable products.....	264	5,245	7,923,303	48,374,849	25,928,097	75,514,988
Animal products.....	206	7,986	13,146,183	99,218,186	24,304,787	124,336,784
Textiles and textile products	111	4,649	5,901,098	18,612,673	10,601,583	29,350,755
Wood and paper products....	528	6,861	10,237,146	15,332,164	20,916,815	37,248,226
Iron and its products.....	104	9,831	18,042,446	18,946,075	24,560,395	44,738,951
Non-ferrous metal products.	27	986	1,477,030	10,458,859	4,142,189	14,854,476
Non-metallic mineral products.....	42	1,278	1,917,867	5,740,254	5,957,922	12,918,953
Chemicals and chemical products.....	37	654	991,259	3,487,987	3,365,949	6,929,111
Miscellaneous industries.....	38	877	1,382,013	2,925,888	3,003,068	5,994,855
Totals.....	1,357	38,367	61,018,345	223,096,935	122,780,805	351,887,099
Saskatchewan						
Vegetable products.....	181	2,702	4,160,727	35,541,535	12,623,923	48,950,092
Animal products.....	96	3,871	6,113,007	49,889,664	11,427,038	61,878,529
Textiles and textile products	6	151	186,434	1,260,938	427,888	1,699,028
Wood and paper products....	580	3,231	3,772,780	4,808,819	6,976,326	12,027,076
Iron and its products.....	39	555	903,799	1,057,655	1,556,538	2,677,181
Non-metallic mineral products.....	33	845	1,629,384	16,084,380	4,258,119	21,258,459
Chemicals and chemical products.....	11	106	162,413	360,230	587,312	963,089
Miscellaneous industries ¹	9	496	1,027,773	17,592,540	602,486	18,903,165
Totals.....	955	11,957	17,956,317	126,595,761	38,459,630	168,356,619
Alberta						
Vegetable products.....	280	4,586	7,019,001	47,421,753	26,839,416	75,033,065
Animal products.....	149	5,379	8,665,943	80,884,581	17,033,682	98,594,171
Textiles and textile products	29	865	1,108,582	2,311,401	2,101,052	4,434,880
Wood and paper products....	697	5,843	7,673,039	14,825,581	15,032,964	30,276,895
Iron and its products.....	74	2,966	5,590,952	5,173,186	7,632,867	13,059,146
Non-ferrous metal products.	7	83	134,715	287,894	300,217	596,214
Non-metallic mineral products.....	48	2,256	3,505,579	17,136,615	10,194,245	28,470,159
Chemicals and chemical products.....	18	486	922,771	1,040,910	3,820,536	5,424,071
Miscellaneous industries.....	13	185	318,536	343,255	780,032	1,143,266
Totals.....	1,315	22,649	34,939,088	169,425,176	83,735,011	257,031,867
British Columbia						
Vegetable products.....	507	9,223	13,722,254	56,087,285	46,937,972	104,354,880
Animal products.....	171	7,359	12,469,867	67,473,712	26,896,140	95,472,814
Textiles and textile products	70	1,721	2,280,898	5,184,797	5,106,677	10,367,036
Wood and paper products....	1,502	34,630	62,069,125	110,060,332	124,037,264	238,668,191
Iron and its products.....	260	13,339	27,619,952	25,689,647	51,182,526	77,852,777
Non-ferrous metal products.	43	3,916	8,862,192	43,805,898	8,104,894	54,956,585
Non-metallic mineral products.....	60	2,003	3,807,682	14,884,478	9,293,299	25,949,868
Chemicals and chemical products.....	64	2,162	4,781,845	10,356,547	18,551,847	31,366,250
Miscellaneous industries.....	54	1,131	1,892,830	2,160,837	3,242,033	5,539,497
Totals.....	2,731	75,484	137,506,645	335,708,533	293,352,652	644,527,898
Yukon and N.W.T.						
Vegetable products.....	3	11	16,974	24,907	20,804	51,760
Wood and paper products....	6	14	13,862	18,958	26,488	48,532
All other groups ²	4	67	169,724	128,980	361,435	546,003
Totals.....	13	92	200,560	172,845	408,727	646,295

¹ Includes non-ferrous metals.² Includes iron and its products, non-ferrous metal products, non-metallic mineral products, and miscellaneous industries.

SIZE OF MANUFACTURING ESTABLISHMENT IN EACH PROVINCE 87

The degree of concentration of manufacturing production in large units is illustrated in Table 2. In the Province of Quebec 35.3 p.c. of all persons engaged in manufacturing were employed in establishments having 500 or more employees, as compared with 32.3 p.c. for Canada as whole. Ontario ranked second with 34.0 p.c., followed by Nova Scotia with 32.4 p.c., New Brunswick 26.0 p.c., Manitoba 24.2 p.c., British Columbia 22.7 p.c., Alberta 13.8 p.c., and Saskatchewan 9.1 p.c. There were no plants in Prince Edward Island with an employment of 500 persons.

2.—Concentration of Manufacturing Production in Each Province, 1946

Province	Number of Establishments Employing 500 or More Persons	Percentage of Total Number of Establishments in Province	Provincial Percentage of Number of Employees Accounted for by these Establishments
Prince Edward Island.....	Nil	—	—
Nova Scotia.....	9	0.6	32.4
New Brunswick.....	7	0.7	26.0
Quebec.....	106	1.0	35.3
Ontario.....	160	1.4	34.0
Manitoba.....	6	0.4	24.2
Saskatchewan.....	2	0.2	9.1
Alberta.....	4	0.3	13.8
British Columbia.....	17	0.6	22.7
Canada.....	311	1.0	32.3

3.—Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Number of Employees per Establishment, 1946

Provinces and Groups	Estab-lish-ments	Em-employees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Canada—						
Under 5 employees....	13,810	32,664	29,506,046	3,948,256	143,036,820	210,474,495
5 to 14 " ..	8,190	67,530	90,440,349	6,602,001	258,449,346	442,271,386
15 " 49 " ..	5,488	146,939	217,475,999	14,087,771	562,288,330	1,006,913,822
50 " 99 " ..	1,759	122,919	188,280,559	12,930,049	500,085,785	904,650,486
100 " 199 " ..	1,032	144,240	225,926,451	20,800,843	587,267,121	1,091,945,826
200 " 499 " ..	659	202,114	338,952,099	43,403,826	861,426,779	1,632,016,446
500 and over.....	311	341,750	650,105,751	108,679,979	1,445,680,587	2,747,420,010
Totals.....	31,249	1,058,156	1,740,687,254	210,452,725	4,358,234,766	8,035,692,471
Prince Edward Island—						
Under 5 employees....	155	356	171,953	25,639	1,348,763	1,876,955
5 to 14 " ..	56	503	433,924	42,284	2,414,341	3,392,898
15 " 49 " ..	33	896	1,045,592	80,906	3,818,942	5,930,457
50 " 99 " ..	2					
Totals.....	246	1,755	1,651,469	148,829	7,582,046	11,200,310

3.—Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Number of Employees per Establishment, 1946

—continued

Provinces and Groups	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Nova Scotia—						
Under 5 employees....	667	1,591	992,277	98,583	4,660,971	6,977,642
5 to 14 " ..	435	3,566	3,810,775	285,105	11,893,670	20,366,634
15 " 49 " ..	204	5,230	6,422,680	457,106	19,621,227	32,361,458
50 " 99 " ..	51	3,702	5,454,100	701,143	11,951,121	23,184,026
100 " 199 " ..	18	2,474	3,515,685	285,849	6,584,451	12,707,869
200 " 499 " ..	13	3,514	5,551,017	1,032,936	14,760,051	28,082,407
500 and over.....	9	9,647	17,313,725	3,839,345	30,882,989	55,113,384
Totals.....	1,397	29,724	43,060,259	6,700,067	100,354,480	178,793,420
New Brunswick—						
Under 5 employees....	479	1,197	817,556	111,007	2,801,970	4,632,479
5 to 14 " ..	295	2,421	2,724,613	277,052	8,399,769	14,315,955
15 " 49 " ..	141	3,430	4,127,186	423,239	15,092,803	23,477,791
50 " 99 " ..	40	2,741	3,726,615	264,232	12,521,939	19,794,407
100 " 199 " ..	14	1,828	2,359,066	171,327	4,762,372	10,378,511
200 " 499 " ..	17	5,211	7,900,033	1,746,659	33,897,746	50,719,240
500 and over.....	7	5,904	11,496,850	3,539,345	18,912,700	47,435,358
Totals.....	993	22,732	33,151,919	6,581,065	96,389,299	170,753,741
Quebec—						
Under 5 employees....	5,200	12,035	11,358,050	1,489,797	61,870,259	88,486,460
5 to 14 " ..	2,523	20,914	27,089,549	1,616,478	75,899,625	132,380,801
15 " 49 " ..	1,891	51,108	71,487,577	3,551,070	166,994,133	308,802,650
50 " 99 " ..	579	40,222	57,388,239	3,351,116	142,641,144	261,617,312
100 " 199 " ..	320	44,192	65,043,679	5,658,620	167,744,638	310,628,109
200 " 499 " ..	199	62,507	99,559,852	16,353,972	257,278,212	493,252,578
500 and over.....	106	126,298	234,059,159	42,949,521	424,581,088	902,803,611
Totals.....	10,818	357,276	565,986,105	74,970,574	1,297,009,039	2,497,971,521
Ontario—						
Under 5 employees....	4,274	10,074	9,836,794	1,463,206	54,791,918	77,692,989
5 to 14 " ..	3,117	25,667	36,133,741	2,595,576	99,528,579	171,957,782
15 " 49 " ..	2,225	59,903	93,099,331	6,574,589	243,229,532	439,067,129
50 " 99 " ..	779	54,537	86,180,415	5,658,416	210,672,407	392,459,545
100 " 199 " ..	519	73,140	116,149,383	10,191,924	267,234,021	516,893,567
200 " 499 " ..	350	105,503	179,757,981	17,440,021	364,460,693	745,812,802
500 and over.....	160	169,296	324,058,902	49,414,755	761,983,802	1,410,639,887
Totals.....	11,424	498,120	845,216,547	93,338,487	2,001,900,592	3,754,523,701
Manitoba—						
Under 5 employees....	597	1,456	1,293,806	161,224	4,718,204	7,572,313
5 to 14 " ..	376	3,201	4,311,576	360,003	16,301,938	25,103,382
15 " 49 " ..	232	6,457	9,153,481	736,581	32,209,231	50,729,113
50 " 99 " ..	83	5,965	9,138,982	963,360	40,059,963	63,048,231
100 " 199 " ..	42	6,139	9,503,207	1,479,841	25,855,424	51,949,758
200 " 499 " ..	21	5,877	10,103,265	1,475,586	34,110,938	58,772,290
500 and over.....	6	9,272	17,514,028	832,764	69,841,237	94,712,012
Totals.....	1,357	38,367	61,018,345	6,009,359	223,096,935	351,887,099
Saskatchewan—						
Under 5 employees....	588	1,334	882,619	125,898	1,904,344	3,812,076
5 to 14 " ..	239	1,891	2,448,671	359,765	12,603,117	18,126,497
15 " 49 " ..	82	2,207	3,390,215	423,709	14,146,234	22,474,878
50 " 99 " ..	28	1,947	3,064,497	334,254	10,378,403	18,610,084
100 " 199 " ..	11	1,428	2,317,135	424,550	21,198,904	27,300,302
200 " 499 " ..	5	3,150	5,853,180	1,633,052	66,364,759	78,032,782
500 and over.....	2					
Totals.....	955	11,957	17,956,317	3,301,228	126,595,761	168,356,619
Alberta—						
Under 5 employees....	718	1,737	1,470,218	201,279	5,869,567	9,097,662
5 to 14 " ..	350	2,801	3,792,957	366,249	14,205,156	21,968,572
15 " 49 " ..	159	4,090	6,067,942	418,996	17,464,205	30,432,858
50 " 99 " ..	48	3,414	5,327,910	394,989	23,315,166	38,177,140
100 " 199 " ..	24	3,278	5,407,233	801,845	31,638,707	50,211,434
200 " 499 " ..	12	4,200	7,125,468	1,371,129	33,787,033	54,903,798
500 and over.....	4	3,129	5,747,360	317,193	43,145,342	52,240,403
Totals.....	1,315	22,649	34,939,088	3,871,680	169,425,176	257,031,867

3.—Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Number of Employees per Establishment, 1946 —concluded

Provinces and Groups	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
British Columbia—						
Under 5 employees....	1,122	2,861	2,654,401	263,967	5,031,114	10,230,500
5 to 14 ".....	798	6,560	9,685,463	6,07,418	17,192,061	34,633,058
15 " 49 ".....	519	13,681	22,736,455	1,378,766	49,699,519	93,526,166
50 " 99 ".....	149	10,265	17,782,233	1,250,352	48,436,459	87,345,994
100 " 199 ".....	84	11,761	21,631,063	1,786,887	62,248,604	111,876,276
200 " 499 ".....	42	13,245	25,049,780	2,489,817	75,359,775	143,425,962
500 and over.....	17	17,111	37,967,250	7,599,506	77,741,001	163,489,942
Totals.....	2,731	75,484	137,506,645	15,466,713	335,708,533	644,527,895
Yukon and Northwest Territories—						
Under 5 employees....	10	23	28,372	7,656	39,710	95,419
5 to 14 ".....	1	69	172,188	57,067	133,135	550,876
15 " 49 ".....	2					
Totals.....	13	92	200,560	64,723	172,845	646,295

Section 1.—The Manufactures of the Maritime Provinces, 1946

In Prince Edward Island the predominant agricultural and fishery resources make butter and cheese, and fish-curing and packing, the leading manufactures of the Province. Nova Scotia is renowned for its coal mines and its fisheries, as well as extensive forests and agricultural lands and is favoured with easy access by sea to the high-grade iron-ore supply of Newfoundland. On these resources are based the leading manufactures of primary iron and steel, shipbuilding and repairs, fish-curing and -packing, sawmills, pulp and paper, and butter and cheese. In addition to this, important petroleum refineries and coke and gas plants add to the diversification of manufacturing in the Province. The forests of New Brunswick give a leading place to its pulp and paper and sawmilling industries, although fish and agricultural products add to the varied output. Sugar refining and the production of railway rolling-stock also form important branches of manufacturing production.

4.—Statistics of the Leading Industries of the Maritime Provinces, 1946

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
PRINCE EDWARD ISLAND						
	No.	No.	\$	\$	\$	\$
1 Fish curing and packing.....	68	651	483,093	3,300,314	1,146,315	4,479,928
2 Butter and cheese.....	26	146	160,534	1,673,587	331,333	2,035,711
3 Fruit and vegetable preparations..	4	91	101,788	512,909	218,675	742,955
4 Sawmills.....	86	207	74,353	284,271	269,782	562,631
5 Bread and other bakery products.	13	85	78,093	176,513	134,841	321,453
6 Printing and publishing.....	4	130	160,925	53,851	226,415	288,742
7 Planing mills.....	4	39	49,618	80,061	63,929	146,454
8 All other leading industries ¹	8	188	297,631	1,188,575	684,554	1,893,491
Totals, Leading Industries.	213	1,537	1,406,035	7,270,081	3,075,844	10,471,365
Totals, All Industries.....	246	1,755	1,651,469	7,582,046	3,469,435	11,200,310

4.—Statistics of the Leading Industries of the Maritime Provinces, 1946—concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
NOVA SCOTIA						
	No.	No.	\$	\$	\$	\$
1 Fish curing and packing.....	192	3,641	4,222,532	23,261,705	8,701,541	32,273,346
2 Sawmills.....	617	3,619	3,231,603	9,427,246	6,605,408	16,159,079
3 Primary iron and steel.....	5	4,377	7,752,182	9,176,713	4,054,041	14,942,738
4 Shipbuilding and repairs.....	23	3,631	6,726,461	3,515,030	9,724,992	13,499,055
5 Pulp and paper.....	5	882	1,986,558	3,176,565	4,000,230	8,175,564
6 Butter and cheese.....	26	540	767,041	4,095,287	1,570,236	5,774,730
7 Railway rolling-stock.....	3	745	1,271,422	2,777,448	2,222,698	5,227,960
8 Fruit and vegetable preparations.....	20	887	950,783	2,810,185	1,717,255	4,679,124
9 Bread and other bakery products.....	87	762	1,022,479	2,265,124	2,041,757	4,459,918
10 Planing mills, sash and door fac- tories.....	56	792	974,460	2,449,408	1,444,995	3,960,099
11 Biscuits, confectionery, cocoa, etc.....	8	802	1,009,386	2,008,635	1,766,793	3,829,441
12 Hosiery and knitted goods.....	4	852	896,325	1,657,737	1,800,484	3,512,688
13 Printing and publishing.....	34	849	1,385,413	659,942	2,659,356	3,374,431
14 Aerated and mineral waters.....	29	248	375,580	575,501	1,640,898	2,262,416
15 Fertilizers.....	3	90	121,451	1,655,668	441,117	2,107,382
16 All other leading industries ¹	7	2,159	3,680,513	18,561,972	8,784,218	29,002,292
Totals, Leading Industries.....	1,119	24,876	36,374,189	88,074,166	59,176,019	153,240,263
Totals, All Industries.....	1,397	29,724	43,060,259	100,354,480	71,738,873	178,793,420
NEW BRUNSWICK						
	No.	No.	\$	\$	\$	\$
1 Pulp and paper.....	6	3,368	7,123,993	20,517,578	18,140,636	42,739,296
2 Sawmills.....	411	3,276	3,534,745	10,475,578	6,629,108	17,230,075
3 Fish curing and packing.....	148	2,240	1,934,521	9,147,004	3,984,216	13,378,101
4 Miscellaneous foods.....	7	344	426,818	8,673,104	843,651	9,531,688
5 Butter and cheese.....	32	390	493,114	3,629,396	1,210,132	4,936,423
6 Planing mills, sash and door fac- tories.....	41	838	1,110,134	3,699,238	1,655,410	4,409,881
7 Bread and other bakery products.....	77	715	1,006,250	2,051,227	1,777,170	3,959,212
8 Slaughtering and meat packing.....	3	250	406,454	2,876,536	1,041,949	3,951,744
9 Fertilizers.....	3	181	339,362	2,612,061	850,470	3,484,020
10 Stock and poultry feeds.....	6	130	198,383	2,760,887	341,704	3,125,296
11 Heating and cooking apparatus.....	3	672	1,088,365	891,411	1,764,509	2,717,218
12 Biscuits, confectionery, cocoa, etc.....	9	591	579,607	1,238,334	1,351,431	2,642,226
13 All other leading industries ¹	11	5,101	8,977,036	18,944,664	17,294,034	37,210,665
Totals, Leading Industries.....	757	18,096	27,218,782	86,517,018	56,884,420	149,315,845
Totals, all industries.....	993	22,732	33,151,919	96,389,299	67,783,377	170,753,741

¹ Individual statistics cannot be given because there are fewer than three establishments in each industry. Such industries are: in Prince Edward Island, starch and glucose, castings and forgings, sheet metal products, fertilizers, cotton and jute bags; in Nova Scotia: cotton yarn and cloth, miscellaneous iron and steel products, wire, coke and gas, and petroleum; in New Brunswick: sugar refineries, railway rolling-stock, cotton yarn and cloth, silk and artificial silk goods and veneer and plywoods, breweries, shipbuilding, and brooms, brushes and mops.

Section 2.—The Manufactures of Quebec, 1946

Among the assets of Quebec that have tended to develop manufacturing industries in the Province may be mentioned its natural resources of forests, water powers, minerals, and agricultural lands, and also its geographic position astride the St. Lawrence estuary permitting sea-going shipping to reach its main centres of population. Added to these natural advantages, there is a stable and industrious population, which is an important factor in industries such as textiles, clothing, boots and shoes, etc., where a large labour force is required.

The most notable change among the manufactures of Quebec in recent years has been the development of the non-ferrous metal smelting industry. This industry first appeared among the forty leading industries of the Province in nineteenth place in 1927. It has been in second place since 1935, with the exception of 1942 when it was in first place.

Quebec with about 31 per cent of the Dominion output in 1946 was the second largest manufacturing province. The production of pulp and paper again occupied the premier position which was held during 1942 by non-ferrous metal smelting and refining and in 1943 and 1944 by miscellaneous chemical products. In addition to accounting for about 11 per cent of the gross value of Quebec manufactures in 1946, the pulp and paper industry furnished about 50 per cent of the Dominion total for this industry. The value of tobacco products totalled approximately 89 per cent, cotton yarn and cloth 71 per cent, women's factory clothing 68 per cent, silk 68 per cent, leather boots and shoes 65 per cent, men's factory clothing 59 per cent, railway rolling-stock 54 per cent, fur goods 48 per cent, and hosiery and knitted goods 41 per cent of the Dominion totals of these industries. Quebec is thus an outstanding manufacturing province by reason of her large individual industries and not so much on account of a great diversification of manufacturing activity.

5.—Statistics of the Leading Industries of the Province of Quebec, 1946

Industry	Estab-lish-ments	Em-ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1 Pulp and paper.....	50	21,628	48,230,279	110,153,483	130,761,861	265,989,953
2 Clothing, women's factory.....	702	19,785	28,484,879	62,386,741	55,561,988	118,193,625
3 Non-ferrous metal smelting and refining.....	6	4,706	9,219,149	63,620,424	32,195,891	106,254,910
4 Clothing, men's, factory.....	334	14,820	20,578,282	49,685,063	40,009,113	89,933,365
5 Railway rolling-stock.....	10	13,385	27,770,157	49,563,606	35,804,561	87,188,385
6 Cotton yarn and cloth.....	16	13,726	20,062,866	45,882,620	30,396,295	78,418,260
7 Slaughtering and meatpacking.....	33	3,340	5,939,938	66,896,722	9,299,914	70,749,913
8 Tobacco, cigars and cigarettes.....	51	8,370	11,238,413	41,036,289	31,218,513	72,515,400
9 Sawmills.....	1,989	11,581	12,309,305	41,541,973	24,202,772	66,160,934
10 Petroleum products.....	6	1,465	3,076,642	42,101,046	18,703,005	63,510,289
11 Boots and shoes, leather.....	195	14,707	18,286,224	34,675,039	27,605,672	62,555,915
12 Butter and cheese.....	972	4,224	5,277,863	48,818,179	9,664,130	59,611,193
13 Electrical apparatus and supplies.....	50	12,809	22,738,340	25,796,463	32,720,757	59,193,595
14 Silk and artificial silk.....	27	9,105	12,814,308	17,245,790	26,101,622	44,451,338
15 Machinery.....	58	8,758	15,687,098	15,721,623	27,891,880	44,301,572
16 Hosiery and knitted goods.....	103	10,283	12,790,198	19,126,820	23,751,754	43,372,805
17 Bread and other bakery products.....	1,046	8,064	10,980,494	18,354,823	18,094,359	37,742,168
18 Breweries.....	8	3,216	6,889,682	7,468,063	23,902,821	31,949,882
19 Shipbuilding.....	10	6,785	13,505,617	14,559,194	16,359,621	31,382,338
20 Medicinal and pharmaceutical preparations.....	86	3,450	6,056,294	10,318,114	20,769,872	31,344,798
21 Aircraft.....	8	8,935	19,129,503	4,702,362	24,251,749	29,486,360
22 Sheet metal products.....	51	4,825	7,611,196	16,004,074	12,657,708	29,032,473
23 Rubber goods.....	20	6,142	8,974,774	10,839,402	17,013,297	28,356,599
24 Furniture.....	254	6,465	9,286,410	13,185,493	14,590,364	28,097,295
25 Miscellaneous foods.....	75	1,464	2,258,127	18,852,519	9,003,188	28,074,228
26 Fur goods.....	261	3,064	4,942,500	19,039,426	8,521,892	27,630,349
27 Flour and feed mills.....	164	1,059	1,865,087	22,190,667	4,901,903	27,350,744
28 Planing mills, sash and door factories.....	490	4,868	6,462,279	17,118,086	9,428,394	26,849,328
29 Printing and publishing.....	73	5,157	9,738,921	6,135,451	18,867,464	25,221,284
30 Stock and poultry feeds.....	56	806	1,272,173	20,346,411	2,981,860	23,479,559
31 Biscuits, confectionery, cocoa, etc.....	63	3,312	3,936,761	12,847,743	9,700,845	22,883,494
32 Hardware, tools and cutlery.....	60	4,636	7,568,832	6,655,806	15,307,932	22,344,965
33 Boxes and bags, paper.....	47	3,951	4,862,810	12,234,358	9,475,105	21,872,736
34 Paints, pigments and varnishes.....	27	2,157	3,508,596	10,849,903	10,669,479	21,712,952
35 Brass and copper products.....	39	3,111	5,350,872	12,629,530	8,564,066	21,589,982
36 Printing and bookbinding.....	446	5,542	8,881,350	7,175,267	13,788,442	21,184,911
37 Fruit and vegetable preparations.....	174	2,725	2,828,438	13,532,828	6,858,011	20,676,677
38 Castings, iron.....	58	3,913	7,455,679	7,595,229	12,555,006	20,620,388
39 Distilleries.....	7	1,486	2,724,456	7,877,977	11,765,214	20,106,764
40 Woollen cloth.....	41	3,090	4,278,601	11,534,000	8,168,356	20,070,990
Totals, Leading Industries.....	8,166	270,915	434,873,393	1,036,298,607	864,086,676	1,957,462,716
Totals, All Industries.....	10,818	357,276	565,986,105	1,297,009,099	1,125,991,848	2,497,971,521
Percentage of Leading Industries to All Industries.....	75.4	75.8	76.8	79.9	76.7	78.4

NOTE.—Sugar refining is also one of the leading industries. Statistics however cannot be published.

Section 3.—The Manufactures of Ontario, 1946

The gross value of the manufactured products of Ontario in 1946 represented about 48 p.c. of the total for the whole Dominion, while that of Quebec amounted to about 31 p.c. This premier position in manufacturing has been fairly uniformly maintained by Ontario, as the following percentages show: 1926, 52 p.c.; 1918, 53 p.c.; 1910, 50 p.c.; 1900, 50 p.c.; 1890, 51 p.c.; and 1880, 51 p.c. In spite of the rapid industrial development in recent years in other provinces, such as Quebec, British Columbia and Manitoba, Ontario is maintaining a manufacturing production roughly equal to that of the remainder of the Dominion.

The geographic position of Ontario on the Great Lakes waterway system, by means of which the iron ore of Minnesota and the coal of Pennsylvania are readily accessible; the wide range of natural resources of forests, minerals, water powers, and agriculture; a large population and excellent water and rail transportation facilities to other parts of the country, have all encouraged industrial development. Other factors have been proximity to one of the most densely populated sections of the United States and the establishment within the Province of branch factories of United States industries, as in automobile manufacturing.

Industries producing capital or durable goods, which constitute an important factor in the manufactures of Ontario, were particularly hard hit during the early years of the depression preceding the Second World War. Thus, production was disproportionately curtailed in such important industries as automobiles, electrical equipment, machinery, agricultural implements, primary iron and steel, etc. This resulted in a lowering of the manufacturing production of the whole Province relatively to that of other provinces less affected by these influences. With the recovery since 1933 and the expansion in production resulting from the Second World War these industries in general have made good recovery, and Ontario, which accounted for 49 p.c. of the gross value of all products manufactured in the Dominion in 1933, had by 1942 increased the relative value to 50.5 p.c. In 1946 the percentage dropped again to 46.7, thus indicating a relatively greater expansion of production in other provinces.

Ontario also has the greatest diversification of manufacturing production of any province. Outstanding among the industries in which this province is pre-eminent are those of automobiles, agricultural implements, starch, bicycles and carpet manufacture which are carried on practically in this province alone. Other important industries in which Ontario leads, with the percentage which the production of each bears to that of the Dominion total, in 1946, are as follows: abrasives 87.1, miscellaneous non-ferrous metal products 86.5, leather tanneries 83.3, soap and washing compounds 85.2, rubber goods 82.1, cordage, rope and twine 81.3, clay products from imported clay 77.8, primary iron and steel 74.7, woollen yarn 73.1, electrical apparatus and supplies 72.7, aluminium products 72.7, salt 67.6, toilet preparations 61.3, coke and gas products 58.5, acids, alkalies and salts 55.7, flour and feed 54.4, hosiery and knitted goods 52.6, furniture 50.4, glass and glass products 50.3.

6.—Statistics of the Leading Industries of the Province of Ontario, 1946

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1 Automobiles.....	6	21,322	43,455,884	135,104,937	54,984,511	192,039,831
2 Electrical apparatus and supplies...	184	30,322	50,524,552	73,921,338	94,716,370	170,544,377
3 Pulp and paper.....	43	14,529	32,973,773	71,781,807	77,981,832	162,452,083
4 Slaughtering and meatpacking...	66	7,214	13,391,389	137,490,060	15,819,275	154,469,735
5 Flour and feed mills.....	639	4,341	6,729,268	123,825,572	16,876,519	141,778,944
6 Rubber goods, including rubber footwear.....	32	15,864	28,762,443	51,275,405	76,336,049	130,924,552
7 Non-ferrous metal smelting and refining.....	7	6,103	12,691,148	81,917,267	29,313,063	119,239,873
8 Primary iron and steel.....	27	15,078	34,064,990	52,829,743	52,058,994	114,303,838
9 Automobile supplies.....	81	14,444	26,178,821	41,614,138	45,714,971	88,922,647
10 Butter and cheese.....	805	8,381	12,763,218	65,105,764	21,625,476	88,473,118
11 Machinery.....	187	15,580	29,257,334	30,574,279	56,594,926	88,139,292
12 Petroleum products.....	15	3,252	6,871,860	56,506,009	23,923,447	84,920,432
13 Fruit and vegetable preparations.....	209	9,680	11,650,192	48,714,120	33,551,564	83,385,937
14 Sheet metal products.....	124	10,171	16,920,273	37,209,002	32,287,625	70,375,881
15 Bread and other bakery products.....	1,033	14,239	20,364,187	31,236,822	33,597,415	66,880,621
16 Agricultural implements.....	31	13,109	24,417,195	31,372,769	27,479,830	59,948,789
17 Hosiery and knitted goods.....	127	13,051	15,668,563	24,935,572	29,782,077	55,380,305
18 Castings, iron.....	100	10,804	20,065,535	17,352,143	33,637,813	52,671,322
19 Printing and publishing.....	297	9,706	18,807,757	13,059,243	38,554,540	52,076,078
20 Leather tanneries.....	29	4,449	7,789,691	30,196,074	18,209,643	49,194,823
21 Hardware, tools and cutlery.....	190	10,645	18,705,339	15,309,707	31,955,566	48,152,953
22 Biscuits, confectionery, cocoa, etc.....	90	6,901	9,394,549	23,631,069	23,424,582	47,636,913
23 Brass and copper products.....	97	6,200	11,517,985	25,816,184	20,032,061	46,536,290
24 Clothing, men's, factory.....	136	9,624	13,681,057	24,064,034	21,878,658	46,088,948
25 Clothing, women's factory.....	335	8,004	13,558,240	22,439,259	22,436,017	44,988,114
26 Food, miscellaneous.....	122	3,648	5,196,291	29,305,817	14,994,779	44,539,691
27 Printing and bookbinding.....	598	10,219	15,707,328	17,642,399	26,432,589	44,427,475
28 Boxes and bags, paper.....	87	6,764	9,690,385	22,581,418	18,863,853	41,769,614
29 Sawmills.....	1,022	7,635	8,841,523	22,196,338	19,027,769	41,526,408
30 Miscellaneous paper products.....	99	4,754	7,510,088	21,343,464	17,984,320	39,723,155
31 Furniture.....	316	10,055	15,116,914	16,742,665	22,142,508	39,417,871
32 Railway rolling-stock.....	15	5,789	11,659,986	18,168,596	19,024,563	37,823,325
33 Feeds, stock and poultry.....	91	1,797	2,982,053	29,722,630	7,169,237	37,257,738
34 Breweries.....	22	2,710	5,664,179	8,356,551	28,354,082	37,190,926
35 Coke and gas products.....	18	2,964	5,386,627	22,432,773	11,154,482	36,661,440
36 Tobacco processing and packing.....	10	914	1,337,733	31,246,064	3,522,675	34,852,949
37 Medicinal and pharmaceutical preparations.....	99	3,992	6,439,258	12,229,955	21,180,645	33,583,946
38 Woollen cloth.....	41	5,811	8,162,456	17,655,238	14,381,104	32,607,602
39 Soaps, washing compounds, etc.....	70	2,497	5,040,079	17,046,781	14,994,121	32,592,075
40 Jewellery and silver-plated ware...	100	4,431	7,345,723	18,267,401	12,140,644	30,590,757
Totals, Forty Leading Industries.....	7,600	356,993	616,315,866	1,572,214,407	1,184,140,195	2,824,090,668
Totals, All Industries.....	11,424	498,120	845,216,547	2,001,900,592	1,659,284,622	3,754,523,701
Percentage of Leading Industries to All Industries.....	66.5	71.7	72.9	78.5	71.4	75.3

Section 4.—The Manufactures of the Prairie Provinces, 1946

The leading industries of these Provinces are those based on their agricultural resources—their grain-growing, cattle-raising, and dairying areas. Next in importance, generally, are industries providing for the more necessary needs of the resident population, such as the baking of bread, printing and publishing, etc. The extensive railway services require large shops for the maintenance of rolling-stock, especially in the Winnipeg area. The widespread use of motor-vehicles and power machinery on farms has given rise to petroleum refineries in each province. The greatly increased production of crude petroleum in Alberta seems likely to lead to further development of the refining industry. Manitoba, as the early commercial centre of

the prairies, has had a greater industrial development than either of the other provinces. Its natural resources of accessible water powers, forests, and, more recently, minerals, have given rise to quite a diversification of industrial production.

Considering the Prairie Provinces as an economic unit, slaughtering and meat packing had the largest gross value of production in 1946, amounting to \$211,887,820, followed by flour and feed mills with \$91,168,034, butter and cheese \$57,039,341, and petroleum products \$43,889,825. These four industries accounted for 52 p.c. of the total production of the Prairie Provinces. Other leading industries, in the order named, were: railway rolling-stock, breweries, bread and other bakery products, sawmills, printing and publishing, etc.

7.—Statistics of the Leading Industries of the Prairie Provinces, 1946

Industry	Estab-lish-ments	Em-ployees	Salaries and Wages	Cost of Materials Used	Net Value of Products	Gross Value of Products
MANITOBA						
	No.	No.	\$	\$	\$	\$
1 Slaughtering and meat packing...	12	4,629	8,141,688	78,268,464	15,454,438	94,167,163
2 Flour and feed mills.....	37	785	1,220,881	23,111,920	3,752,566	27,073,112
3 Railway rolling-stock.....	4	5,430	10,674,131	10,140,359	11,174,777	21,806,635
4 Butter and cheese.....	90	1,545	2,506,876	13,463,553	4,767,075	18,536,315
5 Clothing, men's factory.....	37	1,910	2,248,608	5,577,516	4,311,149	9,925,705
6 Miscellaneous foods.....	18	375	517,484	6,650,181	1,794,248	8,481,279
7 Clothing, women's factory.....	38	1,463	2,026,363	5,130,229	3,274,767	8,432,746
8 Breweries.....	6	602	1,198,752	1,682,473	6,345,360	8,166,145
9 Bags, cotton and jute.....	5	299	422,880	6,309,779	1,334,945	7,663,520
10 Bread and other bakery products	130	1,442	2,042,182	3,483,947	3,552,678	7,269,234
11 Malt mills.....	3	212	451,529	3,305,563	2,490,095	6,054,450
12 Biscuits, confectionery, cocoa, etc.	14	739	884,615	2,496,068	3,183,714	5,753,162
13 Printing and bookbinding.....	82	1,445	2,232,931	1,901,444	3,616,318	5,579,377
14 Printing and publishing.....	79	1,260	1,969,125	1,266,375	4,143,647	5,479,277
15 Fur goods.....	54	696	1,056,938	3,506,768	1,834,711	5,352,959
16 All other leading industries ¹	3	499	1,152,559	9,571,501	5,042,450	15,389,211
Totals, Leading Industries.	612	23,331	38,747,542	175,866,140	76,072,938	255,130,290
Totals, All Industries.....	1,357	38,367	61,018,345	223,096,935	122,780,805	351,887,099
SASKATCHEWAN						
1 Slaughtering and meat packing...	8	2,233	3,847,970	33,351,608	6,903,836	40,530,080
2 Flour and feed mills.....	37	803	1,407,399	26,776,239	3,092,736	30,282,634
3 Butter and cheese.....	69	1,464	2,006,632	15,817,810	4,088,011	20,179,912
4 Petroleum products.....	7	576	1,160,143	15,619,338	3,268,847	19,705,687
5 Breweries.....	5	388	705,274	1,291,297	5,452,797	6,852,625
6 Bread and other bakery products	91	1,009	1,284,987	2,786,958	2,419,931	5,351,563
7 Sawmills.....	390	1,349	903,609	1,672,775	2,178,140	3,947,249
8 Printing and publishing.....	109	950	1,563,560	705,810	2,758,153	3,527,464
9 Feeds, stock and poultry.....	9	104	179,414	1,762,664	327,933	2,118,892
10 Miscellaneous foods.....	8	152	187,692	1,585,814	354,247	1,957,440
11 Planing mills, sash and door fac- tories.....	21	329	472,483	932,547	786,353	1,748,820
12 Aerated and mineral waters.....	19	136	224,635	441,607	693,023	1,171,523
13 All other leading industries ¹	4	549	1,096,048	19,384,395	955,547	21,068,993
Totals, Leading Industries.	777	10,042	15,039,846	122,128,862	33,279,554	158,442,882
Totals, All Industries.....	955	11,937	17,956,317	126,595,761	38,459,630	168,356,619
ALBERTA						
1 Slaughtering and meat packing...	11	3,559	6,119,527	64,719,860	12,090,525	77,190,577
2 Flour and feed mills.....	71	997	1,652,265	28,029,445	5,510,912	33,812,288
3 Petroleum products.....	4	595	1,194,612	14,732,788	4,608,999	19,941,937
4 Butter and cheese.....	107	1,525	2,169,841	14,031,563	4,029,407	18,323,114

¹For footnote, see end of table.

7.—Statistics of the Leading Industries of the Prairie Provinces, 1946—concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of Materials Used	Net Value of Products	Gross Value of Products
ALBERTA—concluded						
	No.	No.	\$	\$	\$	\$
5 Breweries.....	5	574	1,059,556	1,955,280	8,058,924	10,105,964
6 Sawmills.....	426	2,334	2,265,924	4,445,778	4,737,109	9,383,450
7 Bread and other bakery products	123	1,398	2,028,022	4,063,777	4,205,283	8,412,187
8 Planing mills, sash and door fac- tories.....	47	954	1,390,773	4,023,300	2,853,537	6,944,471
9 Railway rolling-stock.....	3	1,489	3,071,140	2,320,749	3,033,295	5,519,901
10 Printing and publishing.....	83	918	1,566,247	727,715	3,333,541	4,109,470
11 Feeds, stock and poultry.....	24	264	386,138	3,221,210	725,580	3,983,201
12 Clothing, men's factory.....	7	529	682,798	1,713,253	1,346,753	3,069,018
13 Fruit and vegetable preparations.....	8	257	330,536	1,569,228	1,198,787	2,792,802
14 Miscellaneous foods.....	15	116	135,384	1,389,777	1,155,660	2,555,259
15 Glass products.....	3	421	646,920	1,069,579	1,331,260	2,461,508
16 Castings, iron.....	10	543	893,085	735,446	1,309,834	2,080,892
17 Printing and bookbinding.....	63	568	943,997	587,181	1,417,112	2,026,550
18 Clay products, from domestic clay	11	745	874,431	41,152	1,713,843	1,808,971
19 Machine shops.....	29	341	630,519	482,482	971,266	1,474,330
20 Boxes, wooden.....	7	261	396,660	703,686	662,893	1,381,022
21 Aerated and mineral waters.....	18	172	283,455	450,144	881,536	1,363,029
22 Biscuits, confectionery, cocoa, etc.	9	171	211,757	501,870	614,690	1,124,968
23 Furniture.....	35	267	342,085	525,981	561,225	1,097,631
24 All other leading industries ¹	10	1,421	2,426,376	11,478,825	10,200,865	22,718,793
Totals, Leading Industries.....	1,129	20,419	31,702,048	163,520,069	76,552,836	243,681,333
Totals, All Industries.....	1,315	22,649	34,939,088	169,425,176	83,735,011	257,031,867

¹ Other leading industries, individual statistics for which cannot be given because there are fewer than three establishments in each industry are: Manitoba, non-ferrous metal smelting and refining and pulp and paper; Saskatchewan, non-ferrous metal smelting and refining, cotton and jute bags, and wood preservation; Alberta, cement wood preservation, malt and malt products, sugar refineries, processed cheese, fertilizers, and bridge and structural steel.

Section 5.—The Manufactures of British Columbia, 1946

British Columbia with a gross value of production of \$644,527,898 in 1946 was again the third most important manufacturing province in the Dominion. About 20 per cent of this amount, viz., \$130,433,625 was contributed by the sawmilling industry. Shipbuilding with a value of production of \$31,680,612 was in fourth place. This industry which occupied first place during the war years was an important factor in British Columbia's manufacturing operations. At the height of its productive effort in 1943 it employed 31,238 persons who were paid \$64,939,484 in salaries and wages, while the value of production reached the unprecedented figure of \$155,536,396. In spite of its decline, the shipbuilding industry in 1946 was still the second largest employer of labour and also paid out the second highest amount in salaries and wages. Emphasizing the importance of the forests in the industrial life of the Province, the sawmilling industry ranked first with a gross value of production of \$130,433,625, and the pulp and paper industry third with \$42,030,596. Second in importance was fish curing and packing, based principally on the estuarial salmon fisheries. British Columbia accounted for 43 p.c. of the total production of this industry in Canada. Other important industries are: shipbuilding, slaughtering and meat packing, fruit and vegetable preparations, fertilizers, butter and cheese, petroleum products, veneer and plywood, etc. The varied resources of the Pacific Coast have resulted in a wide diversification of its manufactures.

8.—Statistics of the Leading Industries of the Province of British Columbia, 1946

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials Used	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1 Sawmills.....	858	18,600	32,109,406	64,956,039	64,385,778	130,433,625
2 Fish curing and packing.....	73	3,630	6,166,172	27,832,916	14,962,918	43,256,957
3 Pulp and paper.....	7	4,147	10,087,386	15,725,048	23,576,986	42,030,596
4 Shipbuilding.....	23	6,259	13,664,846	5,062,216	26,260,513	31,680,612
5 Slaughtering and meatpacking....	10	1,263	2,404,417	23,708,635	4,178,823	28,087,775
6 Fruit and vegetable preparations..	73	2,246	2,912,936	14,774,100	6,255,984	21,269,911
7 Fertilizers.....	5	983	2,441,298	6,137,395	12,642,183	20,623,774
8 Butter and cheese.....	34	1,444	2,523,122	11,003,378	5,475,241	16,793,945
9 Petroleum products.....	5	446	985,391	11,182,019	3,420,619	15,206,344
10 Veneer and plywood.....	9	2,177	3,649,437	5,948,470	8,574,888	14,677,940
11 Bread and other bakery products	261	2,728	4,163,533	6,442,441	7,136,506	13,914,412
12 Foods, miscellaneous.....	35	604	775,336	10,996,273	1,990,310	13,036,653
13 Sheet metal products.....	22	899	1,690,518	7,026,790	4,018,399	11,136,133
14 Breweries.....	11	701	1,451,721	1,629,077	8,986,043	10,754,368
15 Machinery.....	33	2,050	4,205,852	3,180,641	6,444,700	9,758,602
16 All other leading industries ¹	3	4,065	8,811,862	46,077,394	22,276,191	71,542,002
Totals, Leading Industries.	1,462	52,242	98,043,233	261,682,832	220,586,082	494,203,649
Totals, All Industries.....	2,731	75,484	137,506,645	335,708,533	293,352,652	644,527,898

¹ Includes: Distilleries and non-ferrous metal smelting.**Section 6.—Manufacturing Industries in Urban Centres**

The prosperity of most of the cities and towns of Canada, especially in the east, is intimately connected with their manufacturing industries, which provide employment for a large proportion of their gainfully occupied population. In the west the cities are more largely distributing centres, though manufactures are rapidly increasing there also.

Table 9, indicating the extent to which the manufacturing industries of Canada are concentrated in urban centres, shows by provinces the proportion of the gross manufacturing production contributed by cities and towns having a gross production of over \$1,000,000 each. In the more highly industrialized provinces of Ontario and Quebec such cities and towns in 1946 accounted for 93.6 p.c. and 92.2 p.c., respectively, of the totals for those provinces, while in the Maritime Provinces and British Columbia, where sawmilling, fish-packing, and dairying are leading industries, the proportions fell to 67.0 p.c. and 66.1 p.c. respectively. In the Prairie Provinces manufacturing is confined largely to a few urban centres.

9.—Cities and Towns Each with a Gross Manufacturing Production of Over \$1,000,000. Number of Establishments and Total Production in such Urban Centres as a Percentage of the Grand Total, by Provinces, 1946

NOTE.—Statistics published in this table are in some cases higher than the figures published in Table 12, since, in the table below are included statistics of towns with less than three establishments and production of over \$1,000,000 each. It was not possible to publish this information, except in summary form in Table 12 without disclosing the operations of individual establishments.

Province	Urban Centres with a Gross Production of over \$1,000,000 each	Establishments Reporting in Urban Centres Producing over \$1,000,000 each	Total Production in Urban Centres Producing over \$1,000,000 each	Total Production in each Province	Production in Urban Centres as a Percentage of Total Production in each Province
	No.	No.	\$	\$	p.c.
Prince Edward Island.....	2	55	4,493,917	11,200,310	40.1
Nova Scotia.....	21	410	119,506,017	178,793,420	66.8
New Brunswick.....	14	303	118,007,712	170,753,741	69.1
Quebec.....	114	6,206	2,303,800,205	2,497,971,521	92.2
Ontario.....	157	9,088	3,514,149,230	3,754,523,701	93.6
Manitoba.....	6	869	311,994,908	351,887,099	88.7
Saskatchewan.....	7	313	131,244,741	168,356,619	78.0
Alberta.....	9	559	217,273,827	257,031,867	84.5
British Columbia.....	16	1,701	426,181,134	644,527,898	66.1
Yukon and Northwest Territories....	—	—	—	646,295	—
Canada.....	346	19,504	7,146,651,691	8,035,692,471	88.9

10.—Principal Statistics of the Manufacturing Industries of the Six Leading Manufacturing Cities of Canada, 1933-46

NOTE.—The dyeing, cleaning and laundry industry is included for the years prior to 1936.

City and Year	Establishments	Capital	Employees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$
Montreal.....1933	2,226	363,342,078	80,212	74,150,933	148,504,215	300,636,197
1937	2,474	415,816,451	105,931	112,652,112	281,407,645	511,451,054
1939	2,501	423,234,648	105,315	114,602,118	254,188,246	483,246,583
1940	2,519	475,575,804	118,774	138,118,813	334,350,566	604,806,394
1941	2,669	556,538,023	147,917	187,239,445	444,557,884	803,685,931
1942	3,007	629,809,985	169,987	240,888,491	541,625,660	976,767,738
1943	2,992	721,223,427	194,643	307,922,631	665,209,935	1,184,114,458
1944	3,109	2	185,708	308,396,358	650,618,563	1,215,988,014
1945	3,404	2	181,679	304,247,761	600,919,272	1,144,175,108
1946	3,785	2	173,507	291,381,617	602,667,823	1,147,945,303
Toronto.....1933	2,604	388,995,096	75,645	80,855,883	146,286,472	308,983,639
1937	2,797	423,350,508	96,247	115,520,050	247,422,098	475,470,149
1939	2,885	447,009,768	98,702	122,553,435	240,532,281	482,532,331
1940	2,911	500,559,305	112,136	145,538,148	306,675,426	595,913,172
1941	3,045	554,317,600	133,099	184,267,132	391,328,916	756,923,939
1942	3,211	635,981,329	151,639	228,875,152	451,198,158	886,256,494
1943	3,238	647,907,281	156,459	259,307,913	481,504,056	961,923,997
1944	3,344	2	154,538	260,776,613	513,429,109	1,020,345,353
1945	3,482	2	146,335	244,055,112	496,204,721	961,736,716
1946	3,632	2	145,556	247,298,288	549,256,912	1,036,939,790
Hamilton.....1933	469	171,625,714	21,524	21,523,337	35,672,272	83,530,255
1937	479	182,730,036	32,616	40,255,040	83,978,873	170,651,205
1939	461	206,584,330	31,512	39,563,423	70,829,034	152,746,340
1940	474	230,821,923	39,081	54,139,253	106,595,186	212,587,274
1941	491	255,862,917	45,421	72,845,604	136,403,197	283,670,019
1942	482	273,212,977	50,744	85,111,817	166,078,144	347,752,196
1943	485	315,896,136	54,671	95,576,332	164,271,139	362,743,019
1944	480	2	53,500	94,982,915	171,117,467	363,033,672
1945	482	2	50,520	89,639,262	166,349,884	351,676,308
1946	501	2	45,951	80,959,432	150,977,835	308,033,098

For footnotes, see end of table, p. 98.

10.—Principal Statistics of the Manufacturing Industries of the Six Leading Manufacturing Cities of Canada, 1933-46—concluded

City and Year	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$
Windsor.....1933	247	66,398,372	10,212	10,719,819	25,752,258	49,359,245
1937	228	77,750,511	18,650	26,919,449	78,667,058	136,896,194
1939	222	80,436,233	17,729	25,938,890	63,907,106	122,474,320
1940	215	102,896,682	20,916	37,260,970	112,991,063	194,174,159
1941	223	138,929,934	29,486	57,653,986	175,847,231	289,027,790
1942	233	206,556,146	37,057	76,276,589	240,384,518	383,323,348
1943	229	206,850,571	38,516	85,965,874	247,504,385	417,745,229
1944	231	²	35,912	80,667,573	232,102,240	387,603,874
1945	241	²	28,826	63,515,050	167,675,110	280,743,622
1946	256	²	30,889	60,315,436	138,788,813	244,925,148
Vancouver.....1933	746	74,209,271	12,094	11,754,124	28,588,106	55,160,883
1937	824	85,851,189	17,641	20,783,032	53,139,109	95,717,017
1939	829	92,797,032	17,957	22,382,192	56,565,511	101,267,243
1940	849	101,429,495	20,767	26,502,084	70,468,864	120,981,388
1941	864	115,960,608	25,223	34,132,996	90,720,812	162,982,858
1942	897	136,336,017	37,858	60,779,827	116,153,100	223,295,187
1943	898	193,795,910	45,971	81,059,815	130,442,455	288,196,900
1944	933	²	43,473	79,141,407	142,416,371	289,390,718
1945	992	²	37,599	66,144,015	137,118,244	265,034,773
1946	1,071	²	31,408	55,960,984	138,045,068	270,165,166
Winnipeg.....1933	600	73,886,398	15,336	15,155,537	28,355,612	50,287,280
1937	622	72,419,041	17,284	19,687,511	45,498,865	80,108,696
1939	648	73,255,368	17,571	20,717,273	44,873,043	81,024,272
1940	657	79,684,791	19,026	22,673,057	56,496,847	98,266,933
1941	677	105,406,381	23,831	30,169,726	73,427,543	127,913,351
1942	692	113,297,399	27,768	38,191,886	88,897,218	156,332,353
1943	688	100,511,565	24,898	35,807,283	106,485,838	174,523,234
1944	686	²	25,870	38,824,299	119,917,745	198,169,626
1945	716	²	26,206	40,115,513	117,453,819	197,523,922
1946	756	²	26,730	42,354,650	121,531,306	206,381,007

¹ Net value is derived from gross value by deducting cost of materials, fuel, and electricity. For cost of fuel and electricity in 1946 see Table 12.

² Information not collected.

11.—Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, Grouped According to the Number of Employees per Establishment, 1946.

GREATER MONTREAL

Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Under 5 employees.....	985	2,399	3,095,981	140,599	10,598,034	19,880,173
5 to 14 employees.....	1,207	10,484	15,406,779	537,364	37,833,862	70,660,791
15 " 49 ".....	1,215	33,167	49,903,227	1,664,319	110,548,731	208,536,335
50 " 99 ".....	351	24,352	37,330,147	1,612,775	91,190,003	168,550,943
100 " 199 ".....	172	23,478	37,165,783	1,795,680	99,856,036	181,771,678
200 " 499 ".....	109	35,204	58,807,621	8,014,526	132,098,358	273,124,031
500 and over.....	52	69,643	135,088,392	8,640,196	236,945,274	449,800,245
Totals.....	4,091	198,727	336,797,930	22,405,459	719,070,298	1,372,324,196

11.—Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, Grouped According to the Number of Employees per Establishment, 1946.—con.

GREATER TORONTO

Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Under 5 employees.....	926	2,311	3,082,141	227,046	6,394,527	12,671,456
5 to 14 employees.....	1,248	10,798	16,959,105	643,096	32,442,434	64,530,496
15 " 49 ".....	1,056	28,017	46,066,578	1,497,734	104,194,784	196,363,736
50 " 99 ".....	316	22,006	36,672,321	1,599,541	89,848,271	167,240,957
100 " 199 ".....	166	23,591	39,114,359	2,137,979	89,371,232	173,741,331
200 " 499 ".....	108	32,778	56,043,447	3,053,522	110,721,850	229,664,622
500 and over.....	49	45,805	86,651,605	5,339,386	187,549,650	344,538,466
Totals.....	3,869	165,306	284,589,556	14,498,304	620,522,748	1,188,751,064

GREATER HAMILTON

Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Under 5 employees.....	133	330	402,365	32,822	713,427	1,479,639
5 to 14 employees.....	152	1,254	1,845,511	125,041	3,295,252	6,648,420
15 " 49 ".....	110	2,960	4,831,281	341,493	9,174,487	19,213,114
50 " 99 ".....	38	2,725	4,387,197	280,473	14,714,710	24,164,454
100 " 199 ".....	35	5,076	8,330,532	762,843	25,951,972	42,519,960
200 " 499 ".....	33	9,937	16,988,097	2,335,338	41,014,818	66,328,037
500 and over.....	18	23,925	44,465,554	6,595,643	57,270,486	149,809,035
Totals.....	519	46,207	81,250,537	10,473,653	152,135,152	310,162,659

GREATER WINDSOR

Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Under 5 employees.....	61	130	144,887	13,778	335,744	741,208
5 to 14 employees.....	82	668	1,045,612	58,442	2,414,561	5,123,797
15 " 49 ".....	57	1,571	2,893,796	173,181	7,155,170	12,555,750
50 " 99 ".....	26	1,769	3,492,362	168,331	5,488,801	13,333,974
100 " 199 ".....	19	2,540	4,683,276	341,669	9,140,746	21,196,924
200 " 499 ".....	20	6,107	11,963,285	1,303,683	17,632,777	43,382,970
500 and over.....	6	18,604	36,831,686	1,793,154	98,313,224	151,680,370
Totals.....	271	31,389	61,054,904	3,852,238	140,481,023	248,014,993

GREATER WINNIPEG

Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Under 5 employees.....	243	637	776,016	71,812	2,158,421	3,740,424
5 to 14 employees.....	258	2,297	3,267,012	181,730	9,194,935	15,699,536
15 " 49 ".....	207	5,804	8,299,031	515,553	29,241,551	45,941,717
50 " 99 ".....	75	5,368	8,159,867	540,307	28,593,748	47,366,686
100 " 199 ".....	38	5,558	8,620,879	1,372,262	21,206,559	45,399,298
200 " 499 ".....	17	4,706	8,059,615	568,760	31,122,470	49,311,413
500 and over.....	5	7,189	13,529,868	676,096	65,672,819	86,207,959
Totals.....	843	31,559	50,712,288	3,926,520	187,190,503	293,667,033

GREATER VANCOUVER

Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Under 5 employees.....	390	946	1,080,034	74,735	1,593,242	3,513,900
5 to 14 employees.....	387	3,271	5,051,959	260,947	8,275,483	17,224,431
15 " 49 ".....	299	7,949	13,521,907	738,411	29,641,963	55,501,595
50 " 99 ".....	91	6,206	11,011,977	602,722	26,793,523	50,911,841
100 " 199 ".....	56	7,926	14,557,172	788,237	46,913,963	80,358,325
200 " 499 ".....	25	7,692	14,009,410	1,176,549	47,346,443	91,179,561
500 and over.....	10	7,947	16,746,270	769,003	14,285,823	50,969,496
Totals.....	1,258	41,937	75,978,721	4,410,604	174,850,440	349,659,149

12.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1946.

NOTE.—Statistics for cities and towns with three or more establishments cannot be published when one establishment has 75 p.c. or two establishments 90 p.c. of the total production.

Province and Municipality	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Prince Edward Island—						
Charlottetown.....	36	479	621,239	49,056	1,323,447	2,467,096
Summerside.....	19	281	335,135	29,426	1,326,376	2,026,821
Nova Scotia—						
Amherst.....	24	753	1,109,465	146,896	1,497,885	3,374,599
Berwick.....	9	231	232,691	59,888	907,753	1,391,410
Bridgetown.....	7	193	257,807	26,773	638,222	1,236,494
Dartmouth.....	15	221	327,309	34,479	606,168	1,313,329
Digby.....	10	388	411,753	17,214	1,170,817	1,868,664
Glace Bay.....	13	197	221,329	20,795	627,751	1,104,749
Halifax.....	111	6,588	10,977,976	566,034	18,970,609	39,372,485
Kentville.....	9	277	286,736	44,865	659,484	1,284,953
Lockeport.....	3	273	372,021	32,109	1,231,705	1,992,290
Lunenburg.....	17	624	958,410	72,307	3,102,240	4,830,785
Middleton.....	9	276	339,404	40,800	1,058,100	1,749,178
New Glasgow.....	28	708	1,059,574	154,576	1,081,515	3,113,060
North Sydney.....	12	349	530,289	32,619	2,079,281	3,006,137
Pictou.....	10	985	1,360,745	103,908	2,322,072	4,435,443
Sydney.....	43	5,556	9,698,617	2,420,719	14,994,767	27,190,281
Truro.....	35	1,444	1,643,135	131,804	4,140,299	8,150,110
Windsor.....	10	337	350,289	32,912	1,638,903	2,299,189
Yarmouth.....	29	513	543,211	57,516	1,870,589	3,085,387
New Brunswick—						
Campbellton.....	13	284	357,894	26,812	592,395	1,180,294
Fredericton.....	35	791	1,033,416	100,716	2,689,557	4,933,570
Moncton.....	50	3,197	5,155,467	348,965	7,133,130	14,708,695
Newcastle.....	15	318	327,836	18,937	1,120,723	1,662,164
Sackville.....	7	669	1,064,552	59,163	978,922	2,861,758
Saint John.....	114	4,084	6,191,742	827,447	31,255,951	45,180,815
St. Stephen.....	12	417	501,449	52,682	1,444,050	2,491,375
Sussex.....	16	256	330,593	14,917	1,310,935	2,067,863
Quebec—						
Acton Vale.....	14	814	1,046,510	60,964	1,767,988	3,610,784
Asbestos.....	13	544	830,891	196,843	2,718,370	4,458,253
Beauharnois.....	13	1,115	2,059,981	582,041	3,676,300	8,102,603
Bedford.....	11	714	890,435	35,282	496,464	2,935,743
Beebe Plain.....	6	224	271,633	16,366	622,736	1,097,527
Berthier.....	17	804	928,213	138,688	1,983,150	4,530,700
Brownburg.....	6	1,018	1,644,782	66,836	2,061,383	5,483,316
Buckingham.....	13	874	1,738,142	619,177	2,946,322	9,028,773
Cabano.....	6	281	353,945	4,678	734,896	1,227,763
Cap-de-la-Madeleine.....	28	1,118	1,464,900	189,433	2,470,386	4,318,514
Chambly Canton.....	7	432	618,878	84,385	717,970	1,808,445
Chicoutimi.....	24	439	591,100	40,057	1,049,079	2,000,862
Coaticook.....	23	1,013	1,215,191	86,042	2,820,992	4,934,945
Contrecoeur.....	9	279	324,326	10,143	704,575	1,188,023
Cookshire.....	8	172	223,823	14,563	590,060	1,247,169
Danville.....	12	179	218,035	67,427	658,080	1,062,732
Drummondville.....	31	7,323	10,541,263	1,111,750	10,974,215	32,131,739
Farnham.....	16	853	1,135,057	122,010	2,212,748	4,627,111
Granby.....	57	4,988	6,567,427	370,825	15,924,148	32,109,528
Grand Mère.....	28	2,082	3,107,997	929,758	7,654,714	17,105,494
Hull.....	54	3,024	4,859,811	1,148,436	13,401,574	22,860,498
Iberville.....	18	403	442,888	31,015	1,115,503	2,073,483
Joliette.....	49	1,801	2,213,971	251,881	4,913,188	8,789,511
Jonquière.....	15	466	856,706	160,622	2,187,283	3,976,591
Lachine.....	47	7,029	13,730,075	765,276	13,228,402	35,658,189
Lachine.....	8	214	309,949	75,560	728,539	1,179,439
La Pêrade (Ste Anne de).....	11	245	266,584	59,973	1,939,523	2,555,644
La Prairie.....	19	686	1,074,254	454,125	704,201	3,203,830
La Salle.....	22	2,107	3,527,172	552,774	14,404,923	30,136,447
La Sarre.....	14	176	246,666	9,634	560,659	1,085,890
L'Assomption.....	12	390	460,409	15,458	806,617	1,761,117
Lennoxville.....	9	433	563,685	115,923	1,125,632	2,518,386
L'Épiphanie.....	14	402	423,575	22,049	482,916	1,306,905
Lévis.....	30	517	595,637	33,369	1,897,699	3,086,970
Longueuil.....	31	1,850	3,414,671	148,681	3,848,767	8,377,628
Loretteville.....	31	911	846,124	19,345	1,852,696	3,293,892
Louiseville.....	20	1,067	1,244,933	40,221	2,529,225	5,204,049
Maniwaki.....	17	215	240,405	14,139	797,482	1,225,591

¹Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

12.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1946—continued

Province and Municipality	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Quebec—Concluded—						
Marieville.....	17	593	653,477	37,970	2,160,365	3,684,284
Matane.....	15	268	410,828	4,924	991,732	1,654,994
Mégantic (Lac).....	16	491	588,810	17,117	427,782	1,190,287
Mont Laurier.....	10	184	200,650	11,279	690,108	1,218,063
Montmagny.....	34	1,411	1,698,584	92,006	3,219,370	7,020,997
Montreal.....	3,785	173,507	291,381,617	14,740,538	602,667,823	1,147,945,303
Montreal East.....	19	3,310	6,315,770	4,909,747	87,019,461	119,265,339
Nicolet.....	15	419	454,838	21,714	900,049	2,040,786
Outremont.....	16	929	1,666,110	66,397	4,340,873	8,707,601
Plessisville.....	16	760	995,712	50,251	1,286,063	2,653,702
Pointe aux Trembles.....	12	409	597,310	36,196	1,074,117	2,514,029
Pont Rouge.....	12	397	521,740	163,948	1,869,391	3,889,999
Portneuf Station.....	11	168	206,554	49,710	853,318	1,312,090
Princeville.....	13	388	465,077	35,089	2,437,406	3,097,531
Quebec.....	354	12,632	17,321,159	2,505,828	42,162,036	79,105,064
Richmond.....	11	556	670,443	27,989	1,356,365	3,100,328
Rimouski.....	20	637	946,607	30,771	2,286,974	4,106,188
Rivière du Loup.....	20	416	628,224	83,637	410,606	1,314,926
Roberval.....	9	159	166,935	8,028	646,225	1,185,976
Rock Island.....	12	689	1,280,238	61,383	1,089,734	3,679,186
St. Césaire.....	27	322	328,873	20,987	891,783	1,416,178
St. Félix.....	12	190	292,066	16,034	1,207,725	1,689,860
St. Georges Est.....	11	393	497,150	48,866	762,629	1,582,309
St. Hyacinthe.....	70	5,132	6,458,977	388,732	14,609,880	27,186,183
St. Jean.....	58	4,664	6,833,411	564,645	10,096,785	23,137,839
St. Jérôme (Terrebonne).....	38	4,003	5,455,831	371,132	7,851,036	18,395,298
St. Lambert.....	17	678	968,794	62,327	1,894,510	4,396,791
St. Laurent.....	19	2,962	4,872,675	438,750	9,367,784	18,506,063
Ste. Marie.....	17	376	385,414	17,912	994,270	1,562,642
St. Pie.....	12	209	244,177	16,946	1,204,335	1,665,679
St. Pierre.....	10	1,899	3,829,312	594,632	3,085,926	8,054,629
St. Rémi.....	12	335	373,412	31,045	1,447,675	2,541,059
Ste. Thérèse de Blainville.....	18	1,200	1,607,933	75,075	2,242,065	5,072,097
St. Tite.....	22	387	408,279	17,622	904,983	1,682,240
Sayabec (Saindon).....	7	203	256,078	1,069	1,602,935	2,081,123
Shawinigan Falls.....	40	4,726	9,177,858	4,273,662	17,478,687	47,337,924
Sherbrooke.....	95	8,038	11,824,950	786,909	19,606,332	42,192,156
Sorel.....	34	1,531	2,300,080	486,193	2,268,415	4,750,864
Terrebonne.....	15	479	723,672	26,947	1,273,873	2,530,000
Thetford Mines.....	23	307	399,785	42,618	371,250	1,091,964
Three Rivers.....	78	6,937	11,910,787	4,986,150	29,225,498	63,281,372
Thurso.....	10	220	311,280	7,865	807,260	1,085,952
Trois Pistoles.....	15	234	333,249	10,644	1,948,903	2,692,159
Valleyfield.....	45	3,176	4,483,338	440,272	7,018,153	14,487,194
Verdun.....	45	713	998,796	29,400	1,885,923	3,765,633
Victoriaville.....	40	2,069	2,652,471	90,588	5,075,499	9,403,792
Warwick.....	13	375	515,713	55,838	1,475,515	2,698,926
Waterloo.....	16	718	991,856	67,801	1,792,294	4,139,776
Westmount.....	15	1,665	3,160,990	242,215	4,358,500	11,479,698
Windsor (Mills).....	8	904	1,698,452	562,469	4,232,522	9,151,995
Ontario—						
Acton.....	19	1,098	1,550,109	175,214	7,133,720	11,187,146
Almonte.....	15	406	539,442	59,909	2,035,879	3,087,498
Amherstburg.....	10	660	1,219,232	839,128	1,725,942	6,356,953
Amprnor.....	15	578	840,691	73,236	1,514,884	3,126,729
Aurora.....	9	496	795,546	46,810	3,173,205	5,377,362
Aylmer (West).....	12	332	425,729	78,258	1,125,331	5,054,344
Barrie.....	20	798	1,110,100	86,346	4,880,554	6,945,928
Belleville.....	44	2,000	3,010,139	554,013	4,114,666	11,280,588
Bloomfield.....	9	163	187,206	20,157	997,159	1,541,812
Bowmanville.....	14	832	1,378,812	121,546	2,745,319	6,430,907
Brampton.....	24	940	1,474,484	68,838	2,894,357	5,559,854
Brantford.....	129	12,335	21,557,001	1,124,390	31,160,887	67,916,850
Brighton.....	14	246	313,475	17,245	952,430	1,720,431
Brookville.....	36	1,638	2,521,721	239,495	10,850,108	17,540,969
Burlington.....	9	302	464,220	57,802	2,043,917	3,104,738
Caledonia.....	10	395	512,836	165,334	1,769,295	3,860,361
Campbellford.....	14	362	466,685	45,994	1,573,786	2,553,340
Carleton Place.....	9	834	1,173,345	85,795	1,633,439	3,757,347
Chatham.....	64	2,729	4,741,276	585,080	24,280,917	34,126,774
Chesley.....	11	303	434,387	26,602	904,890	1,544,523

¹Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

12.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1946—continued

Province and Municipality	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Ontario—Continued						
Cobourg.....	29	722	1,036,497	120,564	2,221,629	4,695,008
Collingwood.....	20	963	1,523,708	64,971	1,693,356	3,706,237
Cornwall.....	46	5,799	8,997,987	1,983,764	13,221,601	31,266,189
Dryden.....	14	573	954,959	179,505	1,928,692	4,125,436
Dundas.....	28	1,408	2,376,724	104,967	1,907,024	5,832,868
Dunnville.....	20	821	1,133,720	68,523	3,213,539	5,255,478
Durham.....	16	309	409,408	40,041	741,851	1,397,130
Eastview.....	11	357	532,585	61,028	2,676,201	3,833,425
Elmira.....	20	860	1,339,166	97,226	2,878,097	5,947,609
Elora.....	8	336	482,852	20,531	535,387	1,324,474
Essex.....	12	391	455,912	49,024	1,226,308	2,317,786
Exeter.....	8	130	151,877	22,735	675,565	1,060,704
Forest.....	13	187	249,597	28,314	862,161	1,433,818
Fort Erie.....	18	825	1,601,544	56,376	1,737,401	4,714,215
Fort William.....	54	3,221	6,813,748	1,792,412	14,242,499	31,288,572
Galt.....	76	6,224	9,031,587	485,820	12,171,036	27,982,961
Gananoque.....	14	849	1,351,369	136,390	2,061,130	4,375,021
Georgetown.....	15	932	1,927,256	169,563	3,007,697	5,826,964
Goderich.....	19	569	833,239	234,903	6,445,247	8,495,160
Gravenhurst.....	8	427	567,946	15,584	1,028,037	2,075,615
Grimsb.....	19	561	726,024	39,885	1,256,072	2,592,562
Guelph.....	99	5,703	8,887,830	582,306	15,539,932	31,580,144
Hamilton.....	501	45,951	80,959,432	10,434,888	150,977,835	308,033,098
Hanover.....	16	1,045	1,370,539	48,340	2,441,910	4,906,395
Harrow.....	5	91	140,080	21,257	913,877	1,492,272
Hespeler.....	16	1,821	2,298,708	179,643	5,231,876	9,180,783
Humberstone.....	12	797	1,185,668	67,904	6,583,519	9,103,113
Huntsville.....	17	467	664,932	52,672	3,024,907	4,785,628
Ingersoll.....	21	1,310	2,067,357	144,681	5,120,821	9,239,863
Kincardine.....	14	514	614,396	41,498	1,142,139	2,403,552
Kingston.....	52	5,286	9,113,140	849,802	15,453,614	37,196,109
Kingsville.....	12	282	399,605	26,994	5,279,428	5,937,017
Kitchener.....	174	13,403	21,857,339	1,096,646	50,036,593	94,435,211
Leamington.....	12	1,346	1,808,185	228,230	12,406,247	21,269,297
Leaside.....	49	5,712	10,731,977	439,060	19,011,450	39,627,683
Lindsay.....	35	870	1,024,032	154,006	2,715,376	4,736,932
Listowel.....	17	517	700,249	78,601	2,061,154	4,160,371
London.....	262	14,363	23,294,463	1,277,134	41,367,477	90,645,465
Long Branch.....	23	564	1,067,809	36,858	1,263,851	3,503,123
Lucknow.....	10	145	172,401	25,069	947,453	1,243,343
Meaford.....	18	389	486,905	37,263	935,135	1,772,803
Merrittton.....	15	1,739	3,215,434	593,356	7,664,896	13,597,406
Midland.....	19	706	1,083,947	60,313	2,828,884	5,421,744
Milton.....	12	530	845,705	237,093	1,099,240	3,539,659
Mimico.....	19	235	348,517	49,558	487,332	1,224,915
Napanee.....	15	384	527,205	70,182	828,916	1,948,868
New Hamburg.....	12	262	304,139	23,362	792,525	1,412,180
New Liskeard.....	16	573	732,438	32,247	1,580,214	2,788,699
Newmarket.....	14	871	1,356,801	97,702	3,903,376	6,656,630
New Toronto.....	27	6,073	11,927,307	965,694	33,373,038	67,273,672
Niagara Falls.....	68	6,384	11,928,948	4,448,859	21,572,309	56,205,826
North Bay.....	22	451	734,864	64,348	1,524,834	3,052,614
Norwich.....	7	114	111,269	17,090	916,902	1,230,984
Oakville.....	29	899	1,400,824	72,941	2,768,918	5,968,966
Orangeville.....	14	244	296,342	24,473	1,106,226	1,811,802
Orillia.....	38	1,967	2,729,476	168,916	3,061,062	8,173,429
Oshawa.....	54	7,245	14,219,413	860,255	39,745,853	62,343,434
Ottawa.....	206	9,491	15,628,589	1,153,247	22,944,683	53,313,353
Owen Sound.....	47	3,180	4,672,735	253,862	5,235,043	12,511,749
Paris.....	22	1,246	1,627,664	97,274	3,331,354	6,554,377
Pembroke.....	39	1,501	1,886,145	114,422	3,434,300	7,106,239
Penetanguishene.....	12	478	624,220	29,848	525,699	1,490,739
Perth.....	18	875	1,173,933	74,613	2,647,338	5,755,588
Peterborough.....	87	9,422	15,744,199	894,458	47,562,873	79,164,803
Pictou.....	16	187	201,456	19,341	644,778	1,040,931
Port Arthur.....	39	2,041	4,427,788	1,034,279	6,311,763	16,053,627
Port Colborne.....	20	2,494	4,757,094	1,830,798	61,347,494	89,690,336
Port Dalhousie.....	6	171	254,138	11,262	442,331	1,058,795
Port Elgin.....	7	226	383,348	11,451	534,301	1,048,518
Port Hope.....	21	973	1,691,698	138,349	2,266,983	6,144,653
Prescott.....	15	592	730,333	25,438	736,171	2,212,569
Preston.....	33	2,481	3,862,998	165,088	5,799,894	12,238,295
Renfrew.....	23	942	1,390,138	111,251	2,682,455	5,442,855

¹Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

12.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1946—concluded

Province and Municipality	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Ontario—Concluded						
Ridgetown.....	10	205	284,585	13,707	644,904	1,286,588
St. Catharines.....	98	9,038	15,828,555	935,144	22,543,859	49,583,479
St. Mary's.....	19	612	885,197	688,870	2,599,986	5,653,028
St. Thomas.....	42	1,522	2,263,876	143,052	4,017,285	8,443,162
Sarnia.....	44	6,377	12,682,500	5,299,709	49,122,289	89,099,183
Sault Ste. Marie.....	47	5,078	10,581,713	3,570,923	26,414,688	49,637,254
Seaforth.....	13	224	312,824	26,079	2,047,638	2,627,782
Simcoe.....	25	1,385	2,053,585	155,962	11,749,199	18,201,073
Sioux Lookout.....	6	91	124,729	19,747	872,810	1,061,987
Smiths Falls.....	19	1,255	1,860,632	93,471	2,067,282	4,214,365
Southampton.....	5	305	506,503	19,657	637,729	1,484,001
Stratford.....	59	3,559	5,817,925	268,467	9,027,875	17,380,603
Strathroy.....	21	578	659,903	41,221	2,129,633	3,607,969
Streetsville.....	9	147	255,022	50,877	2,189,244	2,651,554
Sudbury.....	43	866	1,315,208	106,807	3,575,462	6,347,058
Swansea.....	6	689	1,155,390	142,154	1,542,259	3,792,658
Tavistock.....	12	196	246,570	23,376	1,612,317	2,044,202
Thorold.....	23	2,078	4,855,147	2,270,718	11,249,661	23,379,223
Tilbury.....	10	344	537,825	91,136	769,415	1,705,458
Tilsonburg.....	20	584	845,665	95,179	6,183,616	8,381,968
Timmins.....	25	487	720,257	55,163	1,193,487	2,996,599
Toronto.....	3,632	145,556	247,298,288	12,238,707	549,256,912	1,036,939,790
Trenton.....	24	1,477	1,971,423	327,601	6,570,330	11,460,243
Walkerton.....	16	491	621,929	24,296	900,952	1,950,211
Wallaceburg.....	22	2,315	3,744,751	587,542	4,143,612	11,675,097
Waterloo.....	50	2,900	4,654,834	258,129	7,438,267	19,531,374
Welland.....	52	7,199	13,426,597	2,896,364	22,173,551	52,174,529
Wellington.....	9	171	182,136	43,618	900,740	1,490,296
West Lorne.....	8	171	192,234	13,239	902,386	1,562,542
Weston.....	42	2,079	3,444,067	199,569	4,357,251	10,358,489
Whitby.....	13	434	568,937	40,685	1,232,786	2,287,118
Windsor.....	256	30,889	60,315,436	3,748,979	138,788,813	244,925,148
Wingham.....	14	371	514,754	33,917	1,676,092	2,604,712
Woodbridge.....	6	226	313,918	80,480	185,152	1,068,024
Woodstock.....	63	3,310	4,732,778	334,762	10,790,571	20,453,182
Manitoba—						
Brandon.....	29	699	1,002,229	113,571	5,832,560	7,909,688
Portage la Prairie.....	13	196	214,542	23,880	837,764	1,271,045
St. Boniface.....	58	3,845	6,874,589	547,337	63,166,872	79,928,557
Selkirk.....	8	768	1,206,740	356,827	1,207,013	3,765,922
Transcona.....	5	2,259	4,316,835	312,510	6,835,616	12,738,689
Winnipeg.....	756	26,730	42,354,650	2,625,075	121,531,306	206,381,007
Saskatchewan—						
Melville.....	11	82	108,224	30,228	2,223,789	2,611,754
Moose Jaw.....	44	1,754	3,043,353	498,065	28,869,472	34,637,823
Prince Albert.....	29	1,062	1,699,851	156,682	9,702,434	14,155,338
Regina.....	114	2,914	4,838,623	921,706	22,038,050	35,979,895
Saskatoon.....	88	2,604	4,120,170	458,829	29,817,113	38,355,470
Swift Current.....	13	302	486,212	48,593	2,798,741	3,896,206
Yorkton.....	14	176	238,691	40,486	1,074,627	1,608,255
Alberta—						
Calgary.....	237	7,252	12,395,767	1,782,470	60,353,717	93,437,758
Camrose.....	9	72	98,453	12,829	778,431	1,111,010
Edmonton.....	217	7,555	12,492,254	743,087	62,052,678	88,865,778
Grande Prairie.....	17	162	237,880	26,365	708,564	1,241,176
Lethbridge.....	34	837	1,277,609	99,486	4,604,943	9,295,350
Medicine Hat.....	25	1,155	1,594,251	108,971	11,285,794	15,022,598
Red Deer.....	12	120	182,275	32,002	1,207,593	1,679,690
British Columbia—						
Cranbrook.....	19	277	514,553	36,853	918,292	1,749,614
Kamloops.....	24	282	397,522	22,740	563,527	1,216,814
Kelowna.....	29	684	896,623	83,665	2,784,015	4,561,398
Mission.....	18	315	444,421	36,797	2,804,040	3,712,402
Nanaimo.....	33	530	868,906	50,700	1,192,760	3,184,130
Nelson.....	27	303	438,379	47,379	772,104	1,806,412
New Westminster.....	107	5,475	9,637,072	621,729	25,639,612	50,475,574
North Vancouver.....	34	3,343	7,114,692	237,860	4,947,577	15,604,029
Port Alberni.....	15	1,130	2,161,422	14,087	4,325,168	9,758,944
Port Moody.....	5	411	803,848	4,787	1,620,576	3,185,637
Prince George.....	65	508	711,485	67,585	1,395,439	2,827,302
Prince Rupert.....	24	637	1,388,600	94,873	4,220,708	7,319,917
Vancouver.....	1,071	31,408	55,960,984	3,075,458	138,045,068	270,165,166
Vernon.....	32	376	559,315	70,585	1,188,020	2,191,694
Victoria.....	182	4,816	8,499,451	539,672	11,609,934	27,029,692

*Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

13.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1946

County	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products ¹
	No.	No.	\$	\$	\$	\$
Prince Edward Island—						
Kings.....	68	464	343,459	35,224	1,898,800	2,639,621
Prince.....	85	604	554,870	47,027	3,403,914	4,761,817
Queens.....	93	687	753,140	66,578	2,279,332	3,798,872
Totals.....	246	1,755	1,651,469	148,829	7,582,046	11,200,310
Nova Scotia—						
Annapolis.....	44	605	725,684	75,248	2,075,884	3,618,012
Antigonish.....	20	140	139,541	9,632	497,024	757,211
Cape Breton North.....	21	381	552,679	35,352	2,196,759	3,219,451
Cape Breton South.....	83	5,870	10,019,562	2,448,639	16,213,802	29,160,975
Colchester.....	106	2,090	2,285,627	162,994	6,522,575	11,970,564
Cumberland.....	102	1,543	2,013,231	227,625	3,752,919	7,503,934
Digby.....	91	908	849,173	51,500	2,754,047	4,341,654
Guysborough.....	40	352	301,176	32,227	1,213,768	1,716,266
Halifax.....	215	7,913	13,104,752	1,475,098	33,273,849	59,102,605
Hants.....	59	889	1,062,755	145,087	3,062,937	5,177,794
Inverness.....	67	343	250,138	13,788	839,554	1,252,417
Kings.....	81	977	980,815	149,125	3,461,069	5,411,918
Lunenburg.....	138	1,740	2,174,511	121,358	5,167,661	8,910,446
Pictou.....	100	3,072	4,524,852	637,007	8,537,969	16,730,591
Queens.....	29	1,219	2,420,978	978,624	3,516,592	9,057,193
Richmond.....	25	81	28,709	1,643	109,908	160,477
Shelburne.....	64	631	768,436	56,229	2,870,690	4,440,642
Victoria.....	31	143	98,936	7,807	426,691	671,416
Yarmouth.....	81	827	778,654	71,084	3,860,782	5,589,854
Totals.....	1,397	29,724	43,060,259	6,700,067	100,354,480	178,793,420
New Brunswick—						
Albert.....	26	209	268,918	44,531	1,281,705	2,300,650
Carleton.....	51	602	625,130	54,074	1,788,298	2,899,656
Charlotte.....	67	1,993	2,432,532	277,967	7,692,083	12,654,829
Gloucester.....	89	1,790	2,701,740	963,479	7,686,355	13,848,529
Kent.....	63	487	331,529	14,341	1,644,799	2,280,028
Kings.....	67	494	551,465	35,104	2,234,627	3,482,296
Madawaska.....	50	1,075	1,925,522	813,590	6,286,112	12,529,311
Northumberland.....	75	946	992,102	38,329	3,018,489	4,993,102
Queens.....	25	257	334,637	81,240	931,868	1,618,378
Restigouche.....	50	1,893	3,561,062	2,119,415	9,819,370	21,724,854
St. John.....	146	6,158	9,771,450	1,393,278	37,118,705	59,009,242
Sunbury.....	8	64	67,482	1,959	250,823	391,158
Victoria.....	36	420	443,162	31,946	1,244,251	2,064,483
Westmorland.....	152	4,709	7,009,508	488,593	10,102,897	21,255,373
York.....	88	1,635	2,135,680	223,219	5,288,917	9,801,852
Totals.....	993	22,732	33,151,919	6,581,065	96,389,299	170,753,741
Quebec—						
Abitibi.....	176	1,135	1,343,831	88,868	4,036,824	6,719,348
Argenteuil.....	74	2,783	4,022,570	329,320	7,970,439	16,757,788
Arthabasca.....	136	3,151	3,936,762	213,626	10,598,852	17,322,341
Bagot.....	80	1,215	1,501,126	118,129	4,539,744	7,266,933
Beauce.....	187	2,115	2,223,134	164,625	5,510,808	9,424,705
Beauharnois.....	79	4,413	6,724,847	1,049,952	11,149,075	23,551,821
Bellechasse.....	92	321	274,335	31,521	1,658,395	2,179,043
Berthier.....	108	1,468	1,568,001	172,423	3,594,862	7,108,786
Bonaventure.....	100	666	617,645	36,995	2,031,704	3,136,716
Brome.....	41	401	288,163	42,121	1,183,139	1,822,176
Chamby.....	82	3,152	5,191,929	310,381	7,077,612	15,630,711
Champlain.....	207	5,271	7,376,368	1,777,116	21,086,637	39,279,860
Charlevoix East.....	52	515	746,614	582,047	1,723,563	4,115,124
Charlevoix West.....	35	96	81,558	6,647	281,573	433,909
Chateauguay.....	39	459	522,690	56,395	1,478,061	2,597,043
Chicoutimi.....	172	7,219	13,790,092	11,522,708	33,436,324	96,181,195
Compton.....	70	1,533	2,296,068	685,526	5,945,454	10,753,339
Deux Montagnes.....	48	253	239,050	33,068	1,033,354	1,556,809
Dorchester.....	103	549	597,183	73,095	2,569,738	3,773,772
Drummond.....	82	7,598	10,855,188	1,225,590	12,610,826	34,495,726
Frontenac.....	100	809	864,941	40,442	2,018,833	3,304,134

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

13.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1946—continued

County	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products ¹
	No.	No.	\$	\$	\$	\$
Quebec—Concluded						
Gaspe East.....	111	1,217	1,449,502	325,973	4,653,093	8,245,364
Gaspe West.....	33	428	542,468	4,492	1,531,700	2,605,373
Gatineau.....	72	402	405,958	32,273	1,669,011	2,590,152
Hull.....	71	5,078	9,326,837	4,013,173	23,623,351	46,532,168
Huntingdon.....	34	692	1,060,389	71,064	3,541,488	5,989,435
Iberville.....	34	530	581,098	69,161	2,131,075	3,258,578
Jesus-Island.....	36	355	363,724	28,761	589,770	1,248,274
Joliette.....	127	2,441	3,115,654	533,816	8,184,835	14,153,538
Kamouraska.....	79	559	564,417	37,600	1,688,692	2,639,589
Labelle.....	81	554	592,698	26,226	2,368,494	3,683,050
Lac St. Jean East.....	74	1,321	2,744,190	2,067,119	8,931,486	21,336,560
Lac St. Jean West.....	160	1,237	2,000,945	865,433	7,033,249	13,919,772
La Prairie.....	32	862	1,351,353	497,691	3,258,579	6,439,940
L'Assomption.....	64	951	1,016,678	50,595	1,874,302	3,903,722
Levis.....	77	2,468	3,846,960	199,974	6,426,993	11,957,448
L'Islet.....	96	611	699,171	50,655	1,473,279	2,954,938
Lotbiniere.....	105	618	612,589	90,486	2,552,995	3,811,659
Madeleine Islands.....	24	353	243,100	22,234	1,497,537	2,318,355
Maskinonge.....	82	1,284	1,445,163	60,308	3,641,868	6,657,684
Matane.....	80	850	1,081,498	38,004	2,874,470	5,209,113
Matapedia.....	72	652	797,060	19,738	3,144,224	4,668,046
Megantic.....	99	1,362	1,672,229	123,368	3,163,329	5,799,871
Missisquoi.....	66	3,026	3,963,618	394,364	7,918,426	18,352,770
Montcalm.....	63	364	317,269	23,455	1,537,322	2,058,399
Montmagny.....	81	1,603	1,870,290	110,937	3,929,817	8,089,537
Montmorency No. 1.....	41	583	1,094,209	942,321	2,733,474	8,073,704
Montmorency No. 2 (Isle d'Orleans).....	15	85	117,887	9,137	161,873	332,957
Montreal.....	4,023	196,454	333,092,757	22,532,931	745,505,618	1,393,455,959
Napierville.....	29	484	521,098	54,750	2,249,630	3,693,333
Nicolet.....	123	964	937,350	78,430	3,664,078	5,672,961
Papineau.....	87	1,337	2,300,796	650,802	5,099,093	11,904,534
Pontiac.....	49	349	385,848	19,982	1,709,824	2,492,344
Portneuf.....	166	2,514	3,968,821	1,920,311	9,908,295	21,510,138
Quebec.....	474	16,232	21,650,348	2,818,832	52,637,666	98,278,407
Richelieu.....	78	4,043	6,943,278	613,843	5,606,784	13,970,585
Richmond.....	73	2,645	4,043,143	922,636	10,384,634	20,589,526
Rimouski.....	136	1,222	1,551,467	60,229	4,754,080	7,785,124
Riviere-du-Loup.....	110	959	1,304,441	124,678	3,967,339	6,304,162
Rouville.....	87	1,306	1,435,230	151,322	5,408,485	8,382,760
Saguenay.....	54	936	2,288,164	224,009	8,299,453	15,349,155
Shefford.....	133	6,095	8,084,384	517,198	20,926,833	40,756,105
Sherbrooke.....	110	8,558	12,485,153	904,976	20,971,721	45,095,729
Soulanges.....	27	106	104,631	20,952	490,203	718,102
Stanstead.....	97	4,264	6,076,909	684,761	18,563,032	28,996,107
St. Hyacinthe.....	134	5,488	6,817,842	422,873	16,195,588	29,446,338
St. Jean.....	82	4,864	7,038,399	589,665	10,988,901	24,545,379
St. Maurice.....	177	11,865	21,260,151	9,281,222	47,336,968	111,640,738
Temiscamingue.....	85	1,814	3,743,958	2,042,357	23,026,873	33,918,951
Temiscouata.....	80	726	822,471	31,411	2,514,815	3,927,327
Terrebonne.....	173	6,356	8,663,971	601,351	14,225,384	30,659,413
Vaudreuil.....	39	212	221,190	25,829	593,977	1,040,017
Vercheres.....	80	1,043	1,457,727	218,487	5,132,771	8,839,725
Wolfe.....	80	571	598,552	133,512	1,521,860	2,471,445
Yamaska.....	60	261	248,977	54,272	1,651,645	2,285,882
Totals.....	10,818	357,276	565,986,105	74,970,574	1,297,009,099	2,497,971,521
Ontario—						
Addington.....	31	186	190,383	16,351	1,123,923	1,680,935
Algoma.....	92	5,567	11,234,825	3,602,978	28,388,517	53,152,565
Brant.....	169	13,673	23,304,693	1,255,103	35,752,707	76,113,676
Bruce.....	150	2,509	3,294,450	217,334	8,250,930	14,184,591
Carleton.....	300	10,717	17,590,222	1,446,749	28,138,479	61,712,883
Cochrane.....	111	3,570	7,727,993	1,766,814	18,303,394	45,221,391
Dufferin.....	31	300	347,652	36,190	1,697,359	2,535,153
Dundas.....	51	515	654,584	115,754	4,191,524	6,061,551
Durham.....	69	2,075	3,386,525	285,363	6,078,957	14,174,981
Elgin.....	98	2,210	3,074,864	286,186	10,267,677	16,177,174
Essex.....	350	34,383	65,341,090	5,061,798	163,064,897	287,059,806

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

13.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1946—continued

County	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products ¹
	No.	No.	\$	\$	\$	\$
Ontario—Concluded						
Frontenac.....	105	5,464	9,262,826	897,325	16,975,984	39,072,407
Glengarry.....	84	358	321,578	57,984	2,311,200	2,922,383
Grenville.....	56	1,363	1,763,841	403,899	5,588,425	9,478,846
Grey.....	192	5,335	7,319,488	417,450	12,327,618	24,482,181
Haldimand.....	56	1,443	1,965,518	313,583	7,252,550	12,595,026
Haliburton.....	32	322	380,936	7,137	624,144	1,288,386
Halton.....	105	4,004	6,494,515	737,968	17,193,800	31,499,654
Hastings.....	223	6,098	8,676,147	1,414,278	19,412,434	39,956,855
Huron.....	142	1,827	2,349,444	405,403	14,825,097	20,060,780
Kenora.....	54	1,634	3,124,355	1,009,770	21,616,960	30,838,517
Kent.....	157	6,072	9,862,076	1,350,323	31,503,760	51,494,178
Lambton.....	124	7,265	13,925,568	5,817,286	56,414,258	99,171,089
Lanark.....	116	3,762	5,180,283	360,039	9,520,617	18,882,510
Leeds.....	125	2,693	4,034,031	408,712	14,416,078	23,796,805
Lennox.....	43	620	792,321	220,657	2,034,663	3,847,336
Lincoln.....	184	12,229	20,916,124	1,652,900	35,264,917	73,012,190
Manitoulin.....	25	84	64,875	12,237	355,250	511,471
Middlesex.....	360	15,965	25,426,079	1,466,915	49,363,622	102,515,271
Muskoka.....	67	1,262	1,646,168	98,125	4,687,805	8,157,881
Nipissing.....	68	1,271	1,835,434	96,886	4,285,622	7,799,139
Norfolk.....	74	2,031	2,836,930	229,677	24,425,590	33,393,495
Northumberland.....	124	1,630	2,059,332	217,317	6,726,028	11,502,286
Ontario.....	129	7,986	15,122,547	948,340	42,240,576	66,562,678
Oxford.....	179	6,019	8,714,563	952,945	30,144,449	49,539,075
Parry Sound.....	76	873	1,174,189	100,081	2,885,282	5,979,848
Peel.....	77	3,457	6,309,437	1,219,546	18,138,744	33,919,785
Perth.....	168	5,280	8,134,318	1,173,896	18,934,640	34,148,815
Peterborough.....	137	9,667	15,974,852	941,385	48,906,285	81,316,381
Prescott.....	112	1,029	1,650,368	753,361	5,975,667	9,452,555
Prince Edward.....	71	902	880,850	125,426	4,139,716	6,486,694
Rainy River.....	39	1,107	2,119,586	807,720	4,432,242	9,749,708
Renfrew.....	184	3,835	5,110,999	376,205	10,663,706	20,371,416
Russell.....	69	253	214,168	83,103	1,555,262	2,093,470
Simcoe.....	197	5,316	7,460,644	464,306	15,356,902	28,936,136
Storont.....	88	6,184	9,530,043	2,142,126	16,580,724	35,841,616
Sudbury.....	134	6,376	12,686,537	6,901,634	57,534,279	77,698,846
Thunder Bay.....	164	6,176	12,815,058	3,265,378	24,491,404	54,215,374
Timiskaming.....	88	1,177	1,589,636	97,283	3,391,630	6,280,851
Victoria.....	79	1,311	1,543,400	205,725	4,597,304	7,508,351
Welland.....	455	28,608	44,145,659	2,417,420	89,292,597	177,527,569
Wellington.....	259	21,113	40,106,470	12,387,637	130,082,537	252,010,791
Wentworth.....	199	7,666	11,786,013	841,113	23,720,976	45,091,882
York.....	574	47,968	84,151,755	10,674,410	155,587,149	318,770,859
District of Patricia.....	3,968	167,328	287,541,311	14,802,319	630,704,583	1,205,833,089
	10	52	68,994	15,637	159,151	294,520
Totals.....	11,421	498,120	845,216,547	93,338,487	2,001,900,592	3,754,523,701
Manitoba—						
Division No. 1.....	64	250	174,268	31,612	1,081,131	1,468,307
Division No. 2.....	33	212	229,248	76,794	2,246,658	2,982,424
Division No. 3.....	24	117	116,605	18,018	891,550	1,153,142
Division No. 4.....	12	43	45,614	9,492	196,914	289,336
Division No. 5.....	49	2,861	5,428,505	945,582	9,961,484	20,293,635
Division No. 6.....	852	31,264	50,194,165	3,847,951	187,361,271	293,422,979
Division No. 7.....	55	771	1,072,115	127,674	6,316,903	8,544,042
Division No. 8.....	13	66	73,470	9,453	589,572	770,286
Division No. 9.....	22	1,532	2,315,360	524,849	1,990,115	6,013,937
Division No. 10.....	20	156	202,012	112,278	679,679	1,252,745
Division No. 11.....	18	65	65,492	11,770	493,168	649,725
Division No. 12.....	34	106	88,178	23,824	840,520	1,085,060
Division No. 13.....	37	163	162,605	24,323	727,804	1,081,333
Division No. 14.....	44	163	126,813	12,621	907,353	1,265,351
Division No. 15.....	20	50	29,371	8,273	376,605	478,493
Division No. 16.....	60	548	604,524	224,845	8,436,208	11,136,304
Totals.....	1,357	38,367	61,018,345	6,009,359	223,096,935	351,887,099

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

13.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1946—concluded

Census Division	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products ¹
	No.	No.	\$	\$	\$	\$
Saskatchewan—						
Division No. 1.....	23	168	280,357	54,252	905,436	1,462,801
Division No. 2.....	13	85	99,780	21,258	722,334	906,960
Division No. 3.....	11	38	36,439	5,039	50,130	114,411
Division No. 4.....	12	47	55,075	12,051	344,759	488,665
Division No. 5.....	34	173	208,711	48,737	2,929,112	3,506,100
Division No. 6.....	127	2,942	4,864,008	925,527	22,164,691	36,150,718
Division No. 7.....	50	1,774	3,063,876	503,164	28,972,690	34,825,708
Division No. 8.....	22	318	499,477	50,356	2,815,217	3,944,775
Division No. 9.....	67	465	499,314	76,549	2,228,146	3,385,275
Division No. 10.....	15	59	61,077	13,726	823,788	993,182
Division No. 11.....	100	2,669	4,205,523	485,267	30,536,759	39,413,457
Division No. 12.....	19	67	88,806	29,107	858,760	1,121,123
Division No. 13.....	15	53	60,724	11,996	408,472	531,898
Division No. 14.....	205	838	702,293	89,515	2,110,224	3,791,507
Division No. 15.....	88	1,246	1,843,075	210,130	10,984,688	15,797,206
Division No. 16.....	65	293	255,401	34,156	1,358,584	1,941,470
Division No. 17 and 18.....	86	715	1,128,981	729,993	18,375,230	19,966,347
Unlocated sawmills.....	3	7	3,400	405	6,740	15,016
Totals.....	955	11,957	17,956,317	3,301,228	126,595,761	168,356,619
Alberta—						
Division No. 1.....	30	1,256	1,700,098	115,978	11,915,314	15,995,311
Division No. 2.....	83	1,576	2,229,650	230,169	8,339,555	15,494,241
Division No. 3.....	10	541	795,768	71,257	1,203,263	2,922,821
Division No. 4.....	27	397	631,575	75,155	4,128,289	7,260,700
Division No. 5.....	11	41	42,866	7,969	210,428	311,782
Division No. 6.....	306	7,666	12,956,401	2,130,177	61,744,581	96,792,925
Division No. 7.....	25	111	142,883	39,712	1,240,500	1,571,462
Division No. 8.....	74	498	664,138	100,671	4,827,417	6,437,574
Division No. 9.....	88	545	530,802	55,379	1,721,575	2,875,815
Division No. 10.....	33	114	139,670	34,546	1,804,306	2,183,595
Division No. 11.....	277	7,944	12,971,979	806,502	65,371,436	93,308,550
Division No. 12.....	101	735	906,207	79,202	2,636,084	5,002,731
Division No. 13.....	39	118	97,952	16,667	615,845	840,564
Division No. 14.....	75	371	361,506	35,105	1,990,616	2,745,706
Division No. 15.....	58	344	365,678	25,748	683,529	1,421,662
Division No. 16.....	73	354	366,347	43,825	937,713	1,749,932
Division No. 17.....	5	38	35,568	3,618	54,745	116,496
Totals.....	1,315	22,649	34,939,088	3,871,680	169,425,176	257,031,867
British Columbia—						
Division No. 1.....	93	972	1,585,279	125,125	2,871,213	5,931,241
Division No. 2.....	111	5,388	11,975,901	5,440,320	49,953,823	77,040,834
Division No. 3.....	193	2,303	3,091,612	284,270	7,413,625	13,832,512
Division No. 4.....	1,489	48,036	86,479,829	5,713,692	210,744,646	407,406,599
Division No. 5.....	404	11,491	20,937,166	2,071,589	31,432,586	73,335,321
Division No. 6.....	114	990	1,263,814	88,999	2,400,532	4,735,191
Division No. 7.....	31	3,133	7,209,661	1,390,323	19,170,240	40,034,470
Division No. 8.....	217	1,614	2,149,765	157,310	3,464,516	7,969,159
Division No. 9.....	55	1,420	2,600,651	179,181	7,621,247	13,128,837
Division No. 10.....	24	137	212,967	15,904	636,105	1,113,734
Totals.....	2,731	75,484	137,506,645	15,466,713	335,708,533	644,527,895

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

APPENDIX I

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1946

GREATER MONTREAL

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Vegetable Products—						
Aerated and mineral waters.....	32	945	1,717,175	137,393	3,617,026	10,682,156
Biscuits, confectionery, cocoa, etc.	48	2,851	3,445,907	288,094	11,340,600	20,348,251
Bread and other bakery products.	157	4,495	6,908,751	606,988	10,788,501	22,958,579
Breweries.....	6	2,903	6,237,472	530,953	6,667,320	28,652,517
Distilleries.....	4	1,193	2,302,153	339,244	6,747,264	17,022,339
Feeds, prepared stock and poultry	12	482	838,394	81,932	15,814,490	17,943,055
Foods, miscellaneous.....	64	1,384	2,183,947	210,322	18,597,788	27,680,504
Fruit and vegetable preparations....	39	974	1,206,139	102,647	5,668,502	8,744,250
Rubber goods, including footwear.	8	2,002	3,370,870	242,837	4,038,881	10,521,441
Tobacco, cigars and cigarettes.....	36	6,276	8,995,761	164,797	30,420,856	52,947,727
Vegetable oil mills.....	3	207	321,849	41,902	3,764,039	4,919,387
All other industries.....	18	1,950	4,003,391	846,673	40,584,014	51,638,879
Totals.....	427	25,662	41,531,809	3,593,782	158,049,281	274,059,085
Animal Products—						
Belting, leather.....	5	116	186,069	9,801	410,168	783,783
Boot and shoe findings, leather....	12	186	228,293	24,825	280,251	677,204
Boots and shoes, leather.....	88	7,965	10,630,384	142,511	18,577,338	33,906,667
Butter and cheese.....	5	990	1,826,833	149,520	3,631,214	7,150,080
Cheese, processed.....	5	337	540,391	20,875	4,078,306	5,987,472
Dairy products, other.....	8	92	141,949	41,364	498,685	987,697
Fur dressing and dyeing.....	10	934	1,425,430	65,222	645,124	2,982,277
Fur goods.....	219	2,513	4,303,127	52,055	17,483,662	25,159,374
Gloves and mittens, leather.....	26	1,110	1,277,149	12,436	2,458,739	4,331,044
Hair goods, animal and human....	8	83	135,129	2,508	417,859	551,567
Leather tanneries.....	6	259	408,158	36,164	1,612,681	2,267,148
Miscellaneous leather goods.....	88	2,282	2,773,415	38,852	5,081,723	9,514,734
Sausage and sausage casings.....	21	174	230,108	29,456	1,157,729	2,006,201
Slaughtering and meatpacking.....	21	2,572	4,668,272	415,286	51,460,866	59,710,762
All other industries.....	2	13	29,856	12,363	296,645	354,896
Totals.....	524	19,626	28,804,563	1,053,238	108,090,990	156,371,006
Textiles and Textile Products—						
Awnings, tents and sails.....	16	341	465,181	8,255	971,729	1,772,513
Bags, cotton and jute.....	8	438	658,920	28,771	6,796,030	9,023,579
Batting and wadding.....	3	124	236,954	29,092	1,001,409	1,483,614
Clothing, men's factory.....	290	10,081	15,588,856	139,977	38,208,914	70,275,419
Clothing, women's factory.....	690	19,335	28,125,887	238,781	61,502,141	116,598,664
Clothing contractors, men's.....	84	1,745	2,544,418	25,249	234,992	3,336,332
Clothing contractors, women's....	60	940	1,187,793	15,171	112,869	1,746,992
Corsets.....	11	380	522,371	3,330	700,156	1,671,276
Cotton and wool waste.....	9	154	222,314	23,022	1,058,914	1,566,731
Cotton textiles, miscellaneous.....	76	1,649	1,912,212	24,642	6,870,532	10,476,857
Cotton thread.....	4	689	844,434	52,619	2,582,533	4,566,702
Cotton yarn and cloth.....	5	2,780	4,896,807	483,187	8,285,788	14,097,402
Dyeing and finishing of textiles....	19	394	683,300	69,270	217,729	1,612,739
Hats and caps.....	71	2,671	3,799,721	81,670	5,934,891	12,283,867
Hosiery and knitted goods.....	50	2,521	3,080,462	76,588	5,384,665	10,852,690
Miscellaneous textiles.....	7	1,118	2,247,603	195,003	4,759,938	9,597,000
Narrow fabrics.....	11	379	619,068	15,036	511,144	1,205,138
Oiled and waterproofed clothing....	8	242	365,319	4,666	1,099,968	1,743,161
Woolen cloth.....	10	152	282,101	711	196,155	586,745
Woolen goods, miscellaneous.....	3	68	103,486	12,390	319,613	453,264
All other industries.....	6	552	1,428,663	21,201	919,851	1,991,401
Totals.....	1,441	46,653	69,815,870	1,548,631	147,669,961	276,942,086
Wood and Paper Products—						
Boatbuilding.....	3	8	6,478	461	5,605	13,786
Blueprinting.....	5	83	129,111	4,600	100,701	349,264
Boxes and bags, paper.....	27	2,805	3,604,696	122,009	7,840,929	14,926,347
Boxes, wooden.....	9	583	774,238	22,874	1,348,619	2,552,827
Carriages, wagons and sleighs.....	3	34	51,190	2,114	26,667	94,893
Cooperage.....	4	68	98,941	7,429	454,622	708,077
Engraving, stereotyping and electrotyping.....	25	642	1,460,833	36,942	418,119	2,899,397
Furniture.....	132	2,754	4,398,106	107,967	6,406,330	13,195,577
Lasts, trees and shoe findings.....	7	435	594,209	23,816	483,469	1,366,902
Lithographing.....	7	648	1,304,630	25,316	1,635,040	3,865,484

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1946—con.

GREATER MONTREAL—continued

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Miscellaneous paper products.....	37	823	1,169,662	35,198	3,008,246	5,783,742
Miscellaneous wooden products....	57	476	630,218	26,914	491,069	1,545,058
Planing mills, sash and door fac- tories.....	44	1,200	2,124,828	60,370	5,310,268	7,950,255
Printing and bookbinding.....	290	4,425	7,496,257	166,630	5,995,237	17,884,128
Printing and publishing.....	24	3,487	7,182,520	142,948	4,618,871	19,238,264
Refrigerators, other than electric..	3	78	134,404	4,712	142,443	360,321
Roofing paper, etc.....	3	701	1,260,320	103,033	3,419,231	7,015,863
Trade composition.....	10	184	379,798	7,736	51,616	659,622
Wood turning.....	5	36	50,858	2,411	44,649	120,853
All other industries.....	14	1,413	3,984,405	213,008	2,390,448	5,274,733
Totals.....	709	20,883	36,835,702	1,116,488	44,192,179	105,805,393
Iron and Its Products—						
Aircraft.....	8	8,935	19,129,503	532,249	4,702,362	29,486,360
Automobile supplies.....	9	276	546,057	15,540	484,686	1,045,637
Boilers, tanks and platework.....	6	1,101	2,194,896	89,105	2,125,566	5,931,237
Bridge and structural steel.....	6	2,173	4,845,011	262,831	4,932,149	10,207,842
Castings, iron.....	13	2,143	4,344,211	304,221	4,723,970	11,977,908
Hardware, tools and cutlery.....	44	3,176	5,311,652	259,100	5,260,907	15,944,497
Heating and cooking apparatus.....	13	564	992,188	55,954	1,584,717	3,302,756
Iron and steel products, miscel- laneous.....	52	686	1,081,775	37,634	819,031	2,361,082
Machinery.....	37	4,288	8,255,638	324,729	8,664,126	22,209,424
Machine shops.....	66	1,306	2,366,354	76,773	1,277,116	4,659,148
Primary iron and steel.....	5	2,488	4,788,447	800,227	3,278,387	12,203,366
Railway rolling-stock.....	9	13,189	27,399,197	1,747,061	49,563,606	86,788,753
Sheet metal products.....	40	4,665	7,421,845	356,222	15,815,136	28,424,663
Shipbuilding and repairs.....	6	3,259	6,588,971	239,643	9,600,873	17,599,976
Wire and wire goods.....	22	1,407	2,526,382	284,045	2,423,859	9,464,546
All other industries.....	3	30	44,801	5,070	117,582	156,246
Totals.....	339	49,686	97,836,928	5,390,404	115,373,573	261,763,441
Non-ferrous Metal Products—						
Aluminum products.....	8	137	219,502	15,609	278,001	720,783
Brass and copper products.....	32	2,674	4,649,988	340,339	12,111,458	19,820,177
Electrical apparatus and supplies..	46	12,453	22,189,020	623,068	23,427,915	55,238,844
Jewellery, electro-plated ware, etc.	51	1,383	1,979,747	32,082	3,150,002	6,959,609
Miscellaneous non-ferrous metal products.....	3	140	223,253	6,354	429,994	765,835
White metal alloys.....	16	380	732,647	56,627	4,092,167	5,350,086
Totals ¹	156	17,167	29,994,157	1,074,079	43,489,537	88,855,334
Non-metallic Mineral Products—						
Cement products.....	25	585	884,322	173,071	1,708,048	4,098,896
Glass products.....	30	2,140	3,293,870	851,008	3,548,705	9,944,986
Miscellaneous non-metallic mineral products.....	11	164	256,143	32,181	607,956	1,506,795
Petroleum products.....	5	1,462	3,066,442	2,705,638	42,087,866	63,480,289
Stone, ornamental and monumental	12	189	409,180	25,602	202,403	618,722
All other industries.....	11	1,544	3,138,018	3,757,151	6,986,373	21,118,080
Totals.....	94	6,084	11,047,975	7,544,651	55,141,351	100,767,768
Chemicals and Allied Products—						
Adhesives.....	7	150	268,975	12,512	989,920	1,717,184
Gases, compressed.....	8	268	491,487	65,860	266,714	1,984,019
Inks, writing and printing.....	8	112	164,087	8,100	338,641	801,053
Medicinal and pharmaceutical pre- parations.....	68	3,242	5,820,866	248,234	9,891,381	30,498,099
Miscellaneous chemical products...	37	605	1,034,536	112,141	3,099,928	6,809,986
Paints, pigments and varnishes...	24	2,110	3,421,312	191,303	10,578,911	21,148,615
Plastics.....	13	150	156,136	8,037	308,881	707,359
Polishes and dressings.....	12	173	252,693	12,227	1,269,551	1,838,178
Soaps, washing compounds, etc.....	27	435	760,311	51,725	1,313,962	3,476,813
Toilet preparations.....	25	741	1,014,289	18,545	2,688,373	6,551,472
All other industries.....	7	264	509,006	124,700	3,515,391	5,502,337
Totals.....	236	8,250	13,893,698	853,384	34,261,653	81,035,115

¹ Totals for non-ferrous metal products do not include the non-ferrous metal smelting and refining industry.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1946—con.**GREATER MONTREAL—Concluded**

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Miscellaneous Industries—						
Artificial flowers and feathers.....	18	424	546,409	4,982	658,809	1,727,866
Brooms, brushes and mops.....	21	341	436,932	14,814	1,180,409	1,894,782
Buttons.....	9	332	513,127	12,284	523,609	1,866,756
Candles.....	7	128	166,544	8,166	300,298	711,483
Ice, artificial.....	4	28	61,587	30,117	12,344	219,996
Lamps, electric, etc., and lamp shades.....	9	326	418,762	10,150	722,979	1,417,715
Mattresses and springs.....	16	1,291	2,300,848	87,755	5,856,789	10,523,395
Pipes, tobacco.....	3	35	44,442	1,093	24,563	83,734
Scientific and professional equip- ment.....	8	142	213,118	6,479	364,593	837,133
Signs, electric, neon and other....	5	180	290,858	9,264	118,566	698,417
Sporting goods.....	4	236	267,697	6,957	614,602	996,775
Stamps and stencils, rubber and metal.....	10	87	145,657	2,716	54,535	302,199
Statuary, art goods and novelties.	31	366	477,925	8,950	411,951	1,108,919
Toys and toy equipment.....	11	124	138,081	2,644	246,317	508,730
All other industries.....	9	676	1,015,241	24,431	1,711,409	4,307,068
Totals.....	165	4,716	7,037,228	230,802	12,801,773	26,724,968
Totals, (1) Greater Montreal.....	4,091	198,727	336,797,930	22,405,459	719,070,298	1,372,324,196

(1) Totals for Greater Montreal exclude non-ferrous metal smelting and refining industry.

GREATER TORONTO

Vegetable Products—						
Aerated and mineral waters.....	23	787	1,407,946	92,198	2,111,840	6,995,711
Biscuits, confectionery, cocoa, etc.	45	5,075	6,929,585	412,885	17,405,134	34,317,588
Bread and other bakery products.	244	5,868	8,807,676	700,198	13,517,849	29,152,942
Breweries.....	5	789	1,678,584	120,145	2,452,044	11,189,992
Feeds, prepared stock and poultry	12	527	897,800	63,917	7,733,130	10,026,609
Flour and feed mills.....	10	387	712,319	61,928	5,978,611	7,220,650
Foods, breakfast.....	4	76	107,227	7,481	369,464	918,994
Foods, miscellaneous.....	67	2,537	3,674,928	123,847	21,998,644	32,532,431
Fruit and vegetable preparations..	29	1,610	2,070,854	116,784	9,543,049	15,200,652
Macaroni, vermicelli, etc.....	3	109	167,178	14,169	377,085	623,886
Rubber goods, including footwear	12	6,335	11,882,889	758,340	20,563,123	50,257,065
Tobacco, cigars and cigarettes.....	9	395	505,176	11,595	1,028,266	2,610,256
Wine.....	6	113	265,543	9,168	615,051	1,316,646
All other industries.....	7	641	1,402,044	342,113	11,567,043	17,429,092
Totals.....	476	25,249	40,509,749	2,834,768	115,260,333	219,792,514
Animal Products—						
Animal oils and fats.....	3	65	126,396	22,597	284,783	587,404
Belting, leather.....	5	87	126,959	1,860	467,119	646,643
Boots and shoes, leather.....	27	1,448	2,116,954	20,725	3,465,597	6,764,367
Butter and cheese.....	10	1,702	3,575,704	202,040	8,578,715	14,741,219
Cheese, processed.....	4	128	178,246	12,290	2,540,033	3,492,358
Dairy products, other.....	11	57	84,804	10,354	190,194	356,506
Fur dressing and dyeing.....	6	369	570,018	21,189	198,005	1,100,211
Fur goods.....	198	1,801	3,554,715	41,432	14,860,673	21,059,888
Gloves and mittens, leather.....	5	62	76,113	1,292	115,543	205,227
Hair goods.....	6	142	142,301	2,477	218,004	440,801
Leather tanneries.....	5	757	1,343,135	118,903	4,542,968	8,081,008
Miscellaneous leather goods.....	72	1,703	2,099,643	33,985	4,015,817	7,323,249
Sausage and sausage casings.....	14	106	170,252	12,326	1,055,750	1,336,949
Slaughtering and meatpacking.....	23	4,325	8,475,871	788,981	88,038,618	98,093,261
All other industries.....	1	11	13,000	1,731	4,100	16,391
Totals.....	390	12,763	22,654,111	1,292,182	128,575,919	164,245,482

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1946—con.

GREATER TORONTO—Continued

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Textiles and Textile Products—						
Awnings, tents and sails.....	14	186	241,161	5,617	498,658	865,830
Bags, cotton and jute.....	6	239	305,061	8,987	2,173,714	2,899,018
Carpets, mats and rugs.....	3	404	736,376	51,786	950,316	2,272,675
Clothing, men's factory.....	106	6,519	9,665,075	87,547	17,427,138	32,851,177
Clothing, women's factory.....	311	7,187	12,660,804	98,565	21,181,615	42,323,136
Clothing, contractor's, men's.....	15	172	286,320	3,025	35,610	375,005
Clothing, contractor's, women's.....	26	270	419,992	6,191	55,138	573,561
Corsets.....	20	777	938,127	6,586	1,760,948	3,522,587
Cotton and wool waste.....	11	198	378,113	23,022	2,946,930	3,650,837
Cotton textiles, miscellaneous.....	34	831	1,116,274	29,409	2,659,524	4,858,406
Dyeing and finishing of textiles.....	10	369	736,505	39,696	267,821	1,373,145
Hats and caps.....	62	1,319	2,148,875	32,728	3,391,673	6,978,598
Hosiery and knitted goods.....	51	3,074	4,136,856	130,080	8,163,383	16,066,562
Miscellaneous textiles.....	3	439	786,907	65,594	2,078,062	4,969,144
Narrow fabrics, laces, etc.....	12	235	311,933	4,926	435,704	977,207
Oiled and waterproofed clothing.....	5	182	288,897	6,541	727,928	1,237,930
Woollen cloth.....	8	767	1,244,199	56,880	3,032,877	4,717,571
Woollen goods, miscellaneous.....	12	447	839,999	60,947	3,445,152	5,052,166
Woollen yarn.....	6	839	1,095,288	70,733	2,741,312	4,871,708
All other industries.....	7	319	369,699	17,654	728,226	1,399,006
Totals.....	722	24,773	38,706,461	806,514	74,701,729	141,835,269
Wood and Paper Products—						
Blueprinting.....	4	49	82,320	1,953	58,661	234,108
Boatbuilding.....	5	113	102,692	1,589	35,825	158,878
Boxes and bags, paper.....	42	3,716	5,453,358	169,541	12,643,757	23,604,704
Boxes, wooden.....	8	406	494,650	8,795	900,911	1,750,907
Coffins and caskets.....	3	122	209,014	8,685	241,758	502,037
Engraving, stereotyping and electrotyping.....	39	1,512	3,461,993	66,882	1,268,261	6,776,213
Furniture.....	158	2,216	3,476,350	83,125	5,319,540	10,768,620
Flooring, hardwood.....	3	155	273,918	31,705	396,253	790,871
Lithographing.....	18	1,287	2,675,443	43,624	3,329,155	7,793,285
Miscellaneous paper products.....	53	2,072	3,404,712	98,278	6,637,395	14,250,310
Miscellaneous wooden products.....	80	908	1,360,649	40,990	1,326,702	3,532,942
Planing mills, sash and door factories.....	34	694	1,037,949	44,554	2,771,353	4,394,716
Printing and bookbinding.....	321	7,140	11,114,286	227,056	13,324,703	32,426,765
Printing and publishing.....	39	5,392	11,592,802	230,456	9,757,513	33,580,012
Pulp and paper mills.....	7	1,069	2,702,979	777,485	5,048,883	9,836,454
Trade composition.....	17	262	514,828	8,942	87,451	877,997
Wood turning.....	10	36	43,581	1,861	34,010	99,629
All other industries.....	13	766	1,396,619	93,380	2,019,419	5,343,697
Totals.....	854	27,915	49,398,143	1,938,901	65,201,550	156,722,145
Iron and Its Products—						
Automobile supplies.....	27	2,700	4,444,486	225,385	5,567,788	13,128,153
Bicycles.....	4	640	1,136,669	66,838	1,587,756	3,460,153
Boilers, tanks and platework.....	8	1,954	4,152,850	215,215	3,909,012	10,776,373
Bridge and structural steel.....	4	812	1,747,820	70,455	2,476,659	5,073,849
Castings, iron.....	16	1,798	3,582,648	218,162	2,565,185	8,992,047
Hardware, tools and cutlery.....	75	3,117	5,847,914	257,738	4,041,758	13,108,415
Heating and cooking apparatus.....	21	1,537	2,716,426	89,577	3,180,506	9,098,309
Miscellaneous iron and steel products.....	60	1,059	1,651,488	51,109	1,596,881	4,685,089
Machinery.....	80	4,469	8,748,013	252,955	10,591,374	28,793,950
Machine shops.....	79	757	1,322,280	40,074	837,797	2,920,151
Railway rolling-stock.....	4	1,110	2,283,351	73,449	2,375,531	5,038,087
Sheet metal products.....	60	5,070	8,514,829	391,344	15,234,305	31,477,461
Wire and wire goods.....	22	307	494,253	44,937	973,639	1,991,443
All other industries.....	11	4,238	8,648,443	281,304	12,035,450	20,016,168
Totals.....	471	29,568	55,291,470	2,278,562	66,973,641	158,559,648

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1946—con.

GREATER TORONTO—Concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Non-ferrous Metal Products—						
Aluminum products.....	17	1,509	3,042,307	157,464	5,559,226	10,041,488
Brass and copper products.....	47	2,887	5,864,451	389,099	14,036,638	24,799,138
Electrical apparatus and supplies.....	121	14,316	24,891,884	834,426	43,491,062	91,303,377
Jewellery, electroplated ware, etc.....	79	2,313	3,934,512	93,352	13,895,641	20,965,284
Miscellaneous non-ferrous metal products.....	15	801	1,262,012	31,621	1,687,320	4,965,250
White metal alloys.....	12	1,049	1,902,184	186,624	7,965,317	11,185,031
Totals.....	291	22,875	40,897,350	1,692,586	86,635,204	163,259,568
Non-metallic Mineral Products—						
Cement products.....	36	371	601,741	71,824	804,550	2,095,499
Clay products from domestic clay.....	6	296	426,479	257,785	35,543	796,768
Clay products from imported clay.....	6	94	121,659	11,044	231,202	537,630
Glass products.....	38	940	1,406,932	93,456	1,335,910	3,307,769
Miscellaneous non-metallic mineral products.....	12	242	525,151	23,637	1,217,687	2,208,041
Sand-lime brick.....	3	83	145,502	24,765	121,238	356,549
Stone, ornamental and monumental.....	21	399	740,497	86,497	794,701	2,660,532
All other industries.....	10	1,599	2,797,516	1,502,101	11,930,616	21,092,732
Totals.....	132	4,024	6,765,477	2,071,109	16,471,447	33,055,520
Chemicals and Allied Products—						
Acids, alkalis and salts.....	6	99	210,786	62,156	810,225	1,582,020
Adhesives.....	8	301	565,977	78,386	1,354,121	2,531,009
Gases, compressed.....	10	280	515,205	89,924	317,365	1,931,055
Inks, printing and writing.....	16	512	1,123,196	49,458	2,358,188	5,307,724
Medicinal and pharmaceutical preparations.....	60	2,189	3,402,080	68,760	6,947,643	16,881,566
Miscellaneous chemical products.....	55	551	1,090,706	104,196	3,293,826	7,432,412
Paints, pigments and varnishes.....	32	1,570	3,006,181	140,294	9,276,586	19,039,301
Plastics.....	30	1,375	2,116,372	78,281	3,671,578	9,039,285
Polishes and dressings.....	19	241	331,108	9,273	1,315,166	2,453,973
Soaps, washing compounds, etc.....	34	1,988	3,902,192	356,530	11,566,590	24,800,906
Toilet preparations.....	37	948	1,365,437	17,374	3,653,256	10,726,471
All other industries.....	4	193	342,599	117,983	2,208,925	3,441,333
Totals.....	311	10,247	17,971,839	1,172,615	46,773,475	105,167,055
Miscellaneous Industries—						
Artificial flowers and feathers.....	12	202	222,323	4,287	181,362	490,542
Brooms, brushes and mops.....	12	464	620,597	12,109	1,504,552	2,889,704
Buttons.....	3	56	61,874	1,003	99,506	232,312
Fountain pens and pencils.....	5	849	1,236,538	13,531	2,436,424	5,990,334
Ice, artificial.....	15	143	266,337	81,046	30,350	1,501,596
Lamps, electric, etc., and lamp shades.....	21	458	581,895	12,275	1,152,434	2,369,901
Mattresses and springs.....	25	867	1,551,988	44,565	3,920,575	7,094,854
Miscellaneous, including jewellery cases, etc.....	4	117	126,998	2,640	180,286	368,399
Musical instruments.....	10	326	484,866	22,968	390,259	909,269
Scientific and professional equipment.....	17	1,693	3,300,165	123,287	5,071,458	12,262,247
Signs, electric, neon and other.....	10	243	445,937	11,778	415,802	1,176,839
Sporting goods.....	10	459	630,227	19,054	796,223	1,732,728
Stamps and stencils, rubber and metal.....	9	279	464,458	8,385	294,771	1,052,684
Statuary, art goods and novelties.....	36	574	728,734	13,214	753,380	1,874,213
Toys and toy equipment.....	22	857	1,139,091	29,074	1,564,836	3,804,405
Typewriter supplies.....	5	209	414,126	9,640	844,522	1,814,023
Umbrellas.....	3	63	78,571	1,177	218,805	399,363
All other industries.....	3	33	40,231	1,034	73,905	150,450
Totals.....	222	7,892	12,394,956	411,067	19,929,450	46,113,863
Totals, Greater Toronto.....	3,869	165,306	284,589,556	14,498,304	620,522,748	1,188,751,064

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1946—con.

GREATER HAMILTON

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Vegetable Products—						
Aerated and mineral waters.....	16	159	253,641	24,210	404,091	1,253,147
Biscuits, confectionery, cocoa, etc.	12	251	344,530	31,253	631,431	1,726,560
Bread and other bakery products.....	56	1,253	1,873,113	146,164	2,434,133	5,171,193
Flour and feed mills.....	4	13	11,390	2,963	159,360	189,910
Foods, miscellaneous.....	13	290	406,910	14,027	1,679,077	2,540,028
Fruit and vegetable preparations.....	12	774	1,074,749	70,085	3,877,307	5,770,430
All other industries.....	9	2,000	3,619,451	183,595	14,016,938	29,406,042
Totals.....	122	4,740	7,583,784	472,297	23,202,337	46,057,310
Animal Products—						
Fur goods.....	8	56	85,975	4,847	369,955	587,830
Miscellaneous leather goods.....	4	7	5,818	126	5,759	13,111
Slaughtering and meatpacking.....	6	539	948,495	78,048	10,916,296	12,408,320
All other industries.....	6	178	342,611	23,450	762,025	1,571,824
Totals.....	24	780	1,382,899	106,471	12,054,035	14,581,085
Textiles and Textile Products—						
Awnings, tents and sails.....	3	44	60,728	961	58,446	140,992
Clothing, men's factory.....	6	794	986,051	14,625	1,459,091	3,227,888
Cotton yarn and cloth.....	5	2,026	2,433,449	210,314	4,600,349	8,555,771
Hosiery and knitted goods.....	8	3,437	4,252,237	160,674	5,394,991	12,925,593
All other industries.....	13	832	1,291,472	88,549	3,461,810	5,538,984
Totals.....	35	7,133	9,023,937	475,123	14,974,687	30,389,228
Wood and Paper Products—						
Boxes and bags, paper.....	10	555	791,832	38,160	2,913,922	4,882,913
Engraving, stereotyping and elec- trotyping.....	6	99	230,804	3,819	70,659	454,754
Furniture.....	5	43	57,185	3,345	22,506	107,810
Miscellaneous paper products.....	10	597	930,639	34,937	2,480,208	4,743,972
Miscellaneous wooden products.....	6	26	45,300	999	22,359	102,908
Planing mills, sash and door fac- tories.....	6	126	186,930	11,567	328,797	730,570
Printing and bookbinding.....	45	497	804,904	24,712	1,161,226	2,520,561
All other industries.....	17	956	1,632,163	73,770	2,837,340	7,846,725
Totals.....	105	2,899	4,679,757	191,309	9,837,017	21,390,213
Iron and Its Products—						
Castings, iron.....	4	403	793,866	45,118	1,015,844	2,232,229
Hardware, tools and cutlery.....	15	776	1,425,408	78,863	1,747,737	4,534,293
Machinery.....	15	2,112	3,950,417	150,585	3,070,208	12,030,734
Machine shops.....	13	146	255,208	6,624	147,689	480,287
Miscellaneous iron and steel pro- ducts.....	8	87	133,063	6,783	112,551	373,716
Primary iron and steel.....	11	7,989	19,361,903	5,207,763	30,944,839	62,909,143
Sheet metal products.....	16	1,233	1,987,032	115,946	8,605,706	12,583,929
Wire and wire goods.....	13	2,383	4,710,160	314,964	3,829,643	14,370,325
All other industries.....	11	4,191	7,875,304	601,682	12,138,368	24,892,278
Totals.....	106	19,320	40,492,361	6,528,328	61,612,585	134,406,934
Non-ferrous Metal Products—						
Brass and copper products.....	9	707	1,182,316	38,533	1,149,884	3,052,356
Electrical apparatus and supplies.....	13	5,864	8,617,159	381,929	6,128,377	19,783,557
Jewellery, electro-plated ware, etc.	5	398	671,383	16,529	1,149,044	1,767,965
All other industries.....	6	183	305,090	28,459	381,349	774,597
Totals.....	33	7,152	10,775,948	465,450	8,808,654	25,378,475

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1946—con.**GREATER HAMILTON—Concluded**

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Non-metallic Mineral Products—						
Cement products.....	10	125	122,133	13,280	279,759	577,247
Clay products from domestic clay.....	5	69	111,511	65,704	6,601	333,499
Clay products from imported clay.....	5	805	1,225,296	143,549	540,190	2,664,874
Coke and gas products.....	4	751	1,413,658	1,268,683	9,225,205	13,172,023
Miscellaneous non-metallic products.....	3	32	49,442	1,575	57,577	136,350
Stone, ornamental and monumental.....	6	63	124,360	9,046	95,038	257,850
All other industries.....	11	958	1,667,371	384,969	2,117,405	5,350,224
Totals.....	44	2,803	4,713,771	1,886,806	12,321,775	22,492,067
Chemicals and Allied Products—						
Miscellaneous chemical products.....	8	56	159,582	6,652	265,518	650,983
Polishes and dressings.....	4	63	106,778	3,861	332,711	674,231
Toilet preparations.....	3	56	59,573	1,224	127,935	247,236
All other industries.....	18	780	1,681,888	306,688	7,928,450	11,943,361
Totals.....	33	955	2,007,821	318,425	8,654,614	13,515,811
Miscellaneous Industries—						
Brooms, brushes and mops.....	7	300	423,967	9,784	603,348	1,618,702
Sporting goods.....	3	7	8,923	346	14,807	27,056
All other industries.....	7	118	157,369	19,314	51,293	305,778
Totals.....	17	425	590,259	29,444	669,448	1,951,536
Totals, Greater Hamilton.....	519	46,207	81,250,537	10,473,653	152,135,152	310,162,659

GREATER WINDSOR

Vegetable Products—						
Aerated and mineral waters.....	5	54	86,669	11,043	193,362	504,969
Bread and other bakery products.....	25	490	777,443	62,055	1,142,261	2,531,113
Foods, miscellaneous.....	5	30	32,183	2,613	100,533	196,952
Fruit and vegetable preparations.....	6	194	207,856	11,236	365,671	684,337
All other industries.....	8	1,005	1,994,406	279,423	5,228,051	16,472,874
Totals.....	49	1,773	3,098,557	366,370	7,029,878	20,390,245
Animal Products—						
Butter and cheese.....	5	479	988,558	86,345	2,006,568	3,534,719
Slaughtering and meatpacking.....	4	101	194,669	23,405	1,877,592	2,021,135
All other industries.....	6	64	93,793	8,119	387,704	628,595
Totals.....	15	644	1,277,020	117,869	4,271,864	6,184,449
Textiles and Textile Products—						
Totals, all industries.....	12	345	495,652	22,916	1,269,564	2,224,313
Wood and Paper Products—						
Boxes, wooden.....	3	76	98,740	6,924	178,266	365,467
Furniture.....	4	18	20,044	408	18,086	55,421
Miscellaneous wooden products.....	6	60	81,578	5,307	105,312	252,310
Planing mills, sash and door fac- tories.....	5	88	122,172	9,825	139,457	339,922
Printing and bookbinding.....	19	149	256,210	7,826	222,373	620,834
All other industries.....	10	616	1,153,491	38,154	1,359,766	3,918,734
Totals.....	47	1,007	1,732,235	68,444	2,023,260	5,552,688

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1946—con.

GREATER WINDSOR—Concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Iron and Its Products—						
Automobile supplies.....	20	3,501	6,785,167	350,334	14,882,470	28,500,296
Castings, iron.....	7	875	1,730,738	185,111	1,170,086	3,934,649
Hardware, tools and cutlery.....	15	673	1,527,102	51,104	1,407,994	4,296,954
Machinery.....	8	349	728,650	24,250	2,065,209	4,566,771
Machine shops.....	3	64	151,126		115,534	359,008
All other industries.....	24	18,968	37,964,577	1,859,263	97,579,649	147,872,345
Totals.....	77	24,430	48,887,360	2,476,121	117,220,942	189,530,023
Non-ferrous Metal Products—						
Brass and copper products.....	4	99	237,521	12,259	149,932	552,015
All other industries.....	8	92	233,124	15,434	562,632	1,067,673
Totals.....	12	191	470,645	27,693	712,564	1,619,688
Non-metallic Mineral Products—						
Cement products.....	5	56	111,953	25,586	340,738	549,029
All other industries.....	7	356	454,492	156,674	635,250	2,156,971
Totals.....	12	412	566,445	182,260	975,988	2,706,000
Chemical and Allied Products—						
Medical and pharmaceutical pre- parations.....	10	1,125	1,987,563	46,428	3,569,124	11,140,606
Miscellaneous chemical products.....	5	31	53,790	1,553	81,119	180,574
Paints, pigments and varnishes....	3	179	410,326	22,489	882,036	1,871,353
Soaps, washing compounds, etc....	7	26	36,503	2,592	83,874	182,856
Toilet preparations.....	5	35	46,821	1,382	117,792	230,255
All other industries.....	4	354	713,611	456,019	682,545	2,445,678
Totals.....	34	1,750	3,248,614	530,463	5,416,490	16,051,322
Miscellaneous Industries—						
Totals, all industries.....	13	837	1,278,376	60,102	1,560,473	3,756,265
Totals, Greater Windsor.....	271	31,389	61,054,904	3,852,238	140,481,023	248,014,993

GREATER WINNIPEG

Vegetable Products—						
Aerated and mineral waters.....	13	247	414,704	47,480	898,220	2,442,283
Biscuits, confectionery, cocoa, etc.	14	739	884,615	73,380	2,496,068	5,753,162
Bread and other bakery products....	61	1,061	1,605,191	170,927	2,589,514	5,544,181
Breweries.....	6	602	1,198,752	138,312	1,682,473	8,166,145
Feeds, stock and poultry.....	13	209	368,595	39,635	3,066,467	3,776,093
Flour and feed mills.....	10	647	1,055,340	155,286	20,303,469	23,735,746
Foods, breakfast.....	3	19	30,945	3,615	296,500	738,680
Foods, miscellaneous.....	17	374	517,174	36,850	6,648,391	8,478,179
Fruit and vegetable preparations....	8	207	221,573	17,340	656,219	1,126,202
All other industries.....	11	447	706,495	260,275	3,650,814	6,675,704
Totals.....	156	4,552	7,003,384	943,100	42,298,135	66,436,375
Animal Products—						
Boots and shoes, leather.....	6	186	216,488	3,455	539,799	837,575
Butter and cheese.....	17	1,021	1,884,639	177,375	6,357,744	9,832,422
Cheese, processed.....	3	88	109,066	4,534	733,487	948,875
Fur dressing and dyeing.....	4	182	268,469	6,310	71,763	457,911
Fur goods.....	53	676	1,026,618	11,480	3,476,768	5,288,092
Gloves and mittens, leather.....	11	234	261,693	4,266	563,100	960,809
Miscellaneous leather goods.....	12	202	248,257	4,953	589,088	920,910
Sausage and sausage casings.....	7	98	157,294	18,185	933,656	1,236,369
Slaughtering and meatpacking....	11	4,462	7,910,313	423,180	75,684,064	91,064,960
All other industries.....	5	122	174,714	10,464	537,690	864,816
Totals.....	129	7,271	12,257,551	664,202	89,487,159	112,412,739

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1946—con.

GREATER WINNIPEG—continued

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Textiles and Textile Products—						
Awnings, tents and sails.....	3	35	43,881	1,874	118,598	196,154
Bags, cotton and jute.....	5	299	422,880	18,796	6,309,779	7,663,520
Clothing, men's factory.....	36	1,843	2,182,075	35,727	5,370,516	9,573,705
Clothing, women's factory.....	38	1,463	2,026,363	27,750	5,130,229	8,432,746
Hats and caps.....	13	285	364,121	4,657	566,586	1,064,464
Hosiery and knitted goods.....	5	220	249,557	8,109	597,379	981,933
All other industries.....	5	71	109,792	8,012	54,161	250,588
Totals.....	105	4,216	5,398,669	104,925	18,147,248	28,163,110
Wood and Paper Products—						
Boxes and bags, paper.....	8	452	762,481	32,125	2,654,063	4,500,748
Boxes, wooden.....	6	293	399,700	20,391	631,440	1,153,465
Engraving, stereotyping and electrotyping.....	6	199	494,627	7,737	87,728	812,188
Furniture.....	49	527	807,889	23,395	995,279	2,208,814
Miscellaneous paper products.....	7	185	215,080	9,528	525,219	1,105,890
Miscellaneous wooden products.....	12	48	51,138	1,931	75,250	149,745
Planing mills, sash and door fac- tories.....	19	405	611,040	22,491	958,092	1,959,569
Printing and bookbinding.....	77	1,434	2,223,267	60,957	1,890,744	5,556,089
Printing and publishing.....	25	1,010	1,652,662	48,403	1,135,059	4,857,493
Trade composition.....	3	9	18,175	786	12,516	30,638
All other industries.....	23	701	1,012,831	108,312	1,833,478	3,906,372
Totals.....	235	5,263	8,248,890	336,056	10,798,868	26,241,011
Iron and Its Products—						
Agricultural implements.....	4	246	379,934	33,588	686,388	1,369,092
Automobile supplies.....	7	182	320,077	16,769	486,101	1,044,712
Castings, iron.....	7	575	1,036,989	41,122	688,397	3,045,441
Hardware, tools and cutlery.....	5	85	93,188	10,388	93,631	250,270
Iron and steel products, miscel- laneous.....	9	457	811,471	53,031	658,910	1,731,182
Machinery.....	10	266	493,416	22,095	424,004	1,342,927
Machine shops.....	21	289	526,426	18,264	471,871	1,237,883
Sheet metal products.....	16	554	827,483	50,900	1,189,238	2,546,250
All other industries.....	12	4,299	8,319,066	482,110	8,873,910	19,806,760
Totals.....	91	6,953	12,808,050	728,267	13,572,450	32,374,517
Non-ferrous Metal Products—						
Brass and copper products.....	5	174	307,509	31,454	708,595	1,406,884
Electrical apparatus and supplies..	13	566	785,944	59,772	1,702,192	3,600,552
All other industries.....	7	159	192,183	17,398	565,241	875,186
Totals.....	25	899	1,285,636	108,624	2,976,028	5,882,622
Non-metallic Mineral Products—						
Cement products.....	4	33	40,765	1,089	10,871	110,173
Glass products.....	3	28	39,410	4,180	38,969	130,234
Miscellaneous non-metallic mineral products.....	6	51	54,370	5,595	67,309	266,106
Stone, monumental and ornamental	5	34	41,661	3,672	25,797	83,480
All other industries.....	11	757	1,212,681	891,486	3,630,501	9,068,822
Totals.....	29	903	1,388,887	906,022	3,773,447	9,658,815
Chemicals and Allied Products—						
Gases, compressed.....	3	85	161,155	14,421	101,215	618,758
Medicinal and pharmaceutical pre- parations.....	7	176	259,236	7,847	477,258	1,764,423
Miscellaneous chemical products.....	5	36	58,016	821	131,775	260,723
Paints, pigments and varnishes.....	5	208	325,185	31,998	1,998,973	3,069,848
Soaps and washing compounds.....	5	39	49,103	6,017	188,678	268,436
Toilet preparations.....	5	30	22,451	717	127,147	226,391
All other industries.....	6	56	69,962	7,999	193,751	309,527
Totals.....	36	630	945,108	69,820	3,218,797	6,518,106

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver—con.

GREATER WINNIPEG—concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Miscellaneous Industries—						
Brooms, brushes and mops.....	6	96	125,680	3,827	271,778	548,541
Mattresses and springs.....	6	501	833,864	28,394	2,229,917	4,124,099
Scientific and professional equip- ment.....	5	44	56,309	2,381	39,126	90,094
Signs, electric, neon and other.....	5	125	218,555	26,910	89,136	609,029
Stamps and stencils, rubber and metal.....	4	13	26,016	460	16,061	54,590
Statuary, art goods and novelties..	5	39	35,865	505	76,752	126,285
All other industries.....	6	54	79,824	3,027	195,601	427,100
Totals.....	37	872	1,376,113	65,504	2,918,371	5,979,738
Totals Greater Winnipeg.....	843	31,559	50,712,288	3,926,520	187,190,503	293,667,033

GREATER VANCOUVER

Vegetable Products—						
Aerated and mineral waters.....	10	144	253,367	23,014	348,168	1,145,092
Biscuits, confectionery, cocoa, etc.	26	427	525,496	37,693	1,123,411	2,558,140
Bread and other bakery products.	130	1,827	2,896,172	199,407	4,405,937	9,491,951
Breweries.....	3	454	1,013,645	65,948	1,104,026	8,032,554
Feeds, prepared stock and poultry	10	328	510,989	41,788	4,911,462	6,308,144
Foods, breakfast.....	3	14	12,769	1,253	37,110	56,729
Foods, miscellaneous.....	31	582	756,542	48,554	10,929,028	12,924,438
Fruit and vegetable preparations..	21	1,065	1,420,397	84,353	7,041,771	10,392,582
Macaroni, vermicelli, etc.....	3	59	74,573	8,578	144,808	313,943
Tobacco, cigars, cigarettes.....	3	14	16,871	159	11,771	34,642
All other industries.....	8	1,307	2,023,708	342,968	11,157,406	28,740,535
Totals.....	248	6,221	9,504,529	853,715	41,214,898	79,998,750
Animal Products—						
Boots and shoes, leather.....	8	312	409,404	10,497	667,787	1,159,030
Butter and cheese.....	10	882	1,616,088	145,975	6,649,120	10,676,589
Dairy products, other.....	7	122	189,216	24,536	571,246	941,802
Fish-curing and packing.....	20	1,041	1,663,011	116,157	9,606,938	13,627,224
Fur goods.....	14	99	119,195	3,323	232,340	439,544
Gloves and mittens, leather.....	3	79	107,293	1,040	139,199	278,644
Leather tanneries.....	3	38	63,444	6,919	245,482	324,990
Miscellaneous leather goods.....	8	161	204,872	4,226	320,617	170,829
Sausage and sausage casings.....	4	99	115,221	6,823	543,241	737,628
Slaughtering and meatpacking....	9	1,198	2,285,394	187,964	21,781,923	25,772,150
Totals.....	86	4,031	6,773,138	507,460	40,757,893	54,668,439
Textiles and Textile Products—						
Awnings, tents and sails.....	7	189	254,706	6,696	520,817	1,142,222
Clothing, men's factory.....	13	318	386,099	7,703	819,207	1,504,040
Clothing, women's factory.....	20	539	689,397	7,838	955,989	2,207,336
Cotton and wool waste.....	3	22	30,266	6,388	116,847	162,992
Hosiery and knitted goods.....	4	144	170,121	4,903	336,645	703,781
Miscellaneous textiles.....	3	18	22,879	929	96,485	142,905
Woollen cloth.....	3	121	176,559	18,055	499,265	1,323,427
All other industries.....	9	281	439,332	19,792	1,777,595	2,924,182
Totals.....	62	1,632	2,169,359	72,304	5,122,850	10,110,885
Wood and Paper Products—						
Blueprinting.....	4	18	20,935	2,357	21,140	65,097
Boat building.....	26	221	399,420	7,273	329,578	835,926
Boxes and bags, paper.....	8	503	777,072	33,986	2,677,899	4,590,043
Boxes, wooden.....	8	160	271,014	18,500	525,277	896,959
Coffins and caskets.....	3	57	73,937	1,667	226,693	407,311
Cooperage.....	4	64	104,412	5,218	205,335	339,981

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1946—con.

GREATER VANCOUVER—continued

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Wood and Paper Products—con.						
Engraving, stereotyping and electrotyping.....	8	137	277,424	6,262	102,867	501,958
Furniture.....	99	1,476	2,175,569	62,067	2,766,253	6,183,348
Lithographing.....	6	184	382,220	10,492	426,268	1,097,057
Miscellaneous paper products.....	11	436	708,238	19,977	2,540,570	4,210,355
Miscellaneous wooden products.....	30	199	320,802	8,607	774,086	1,273,682
Planing mills, sash and door fac- tories.....	49	958	1,660,974	81,845	2,469,148	5,129,284
Plywood and veneer.....	7	1,651	2,781,357	114,785	4,887,495	11,142,283
Printing and bookbinding.....	97	840	1,402,433	37,141	1,006,872	3,101,306
Printing and publishing.....	11	1,229	2,472,250	37,480	1,219,254	5,373,737
Sawmills.....	94	6,371	12,050,909	444,574	24,136,197	51,155,227
Woodenware.....	4	87	98,433	3,554	108,281	243,049
Wood turning.....	6	64	108,101	4,611	184,540	393,645
All other industries.....	15	1,223	2,824,199	510,706	4,934,246	9,884,681
Totals.....	490	15,878	28,909,699	1,411,102	49,541,999	106,824,929
Iron and Its Products—						
Automobile supplies.....	9	164	308,877	12,971	454,544	1,153,060
Boilers, tanks and platework.....	6	169	396,056	19,856	904,425	1,390,877
Castings, iron.....	14	407	755,133	33,022	429,549	1,658,849
Hardware, tools and cutlery.....	16	453	818,349	35,143	675,048	2,053,948
Heating and cooking apparatus.....	9	149	277,548	5,041	166,510	607,228
Iron and steel products, miscel- laneous.....	20	319	564,030	27,963	664,388	1,946,827
Machinery.....	31	2,013	4,148,544	131,629	3,141,957	9,590,564
Machine shops.....	42	473	973,206	27,362	625,371	2,040,036
Primary iron and steel.....	5	209	363,915	53,290	143,957	747,139
Sheet metal products.....	20	869	1,646,941	89,521	6,950,560	11,009,074
Shipbuilding and repairs.....	15	4,359	9,821,704	221,706	3,327,185	25,096,400
Wire and wire goods.....	9	294	551,934	27,500	1,539,689	3,122,081
All other industries.....	4	1,062	2,266,208	108,987	4,318,142	8,742,117
Totals.....	200	10,940	22,892,445	793,991	23,341,325	69,158,238
Non-ferrous Metal Products—						
Brass and copper products.....	15	233	447,345	19,686	295,112	921,449
Electrical apparatus and supplies.....	14	253	397,784	18,259	477,338	1,065,412
Jewellery, electro-plated ware, etc.	5	79	131,340	1,167	127,795	326,823
White metal alloys.....	3	59	119,932	10,514	550,785	811,893
All other industries.....	1	29	69,902	3,222	23,682	127,734
Totals.....	38	653	1,166,303	52,848	1,474,712	3,253,311
Non-metallic Mineral Products—						
Cement products.....	10	147	252,003	14,068	475,256	934,857
Glass products.....	7	100	169,596	6,177	170,594	360,377
Miscellaneous non-metallic mineral products.....	5	61	103,625	8,885	158,200	381,443
Stone, monumental and ornamental	7	36	60,458	3,973	41,571	149,697
All other industries.....	9	659	1,233,809	53,504	7,577,317	12,180,016
Totals.....	38	1,003	1,819,491	546,607	8,422,938	14,006,390
Chemicals and Allied Products—						
Fertilizers.....	4	66	118,754	8,696	626,256	1,256,697
Miscellaneous chemical products...	9	35	39,296	1,646	78,271	216,757
Paints, pigments and varnishes...	7	149	273,323	11,959	966,667	1,989,137
Soaps, washing compounds, etc...	15	102	183,171	13,409	407,948	1,095,176
Toilet preparations.....	3	3	4,000	75	3,966	13,018
All other industries.....	14	244	449,502	38,627	978,461	2,213,783
Totals.....	52	599	1,068,046	74,412	3,061,569	6,784,568

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1946—conc.

GREATER VANCOUVER—concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Miscellaneous Industries—						
Brooms, brushes and mops.....	4	109	157,126	3,167	223,190	476,992
Ice, artificial.....	6	120	212,771	58,225	19,597	587,650
Mattresses and springs.....	4	296	497,522	13,165	1,223,759	2,154,320
Musical instruments and materials	4	7	9,877	380	3,953	17,181
Scientific and professional equip- ment.....	4	17	24,417	544	8,704	50,172
Signs, neon, electric and other.....	4	204	484,033	15,360	125,105	757,866
Stamps and stencils, rubber and metal.....	7	68	105,517	2,893	39,269	226,981
Statuary, art goods and novelties.	3	35	29,764	421	21,413	54,282
All other industries.....	8	124	154,692	4,010	247,266	528,195
Totals.....	44	980	1,675,719	98,165	1,912,256	4,853,639
Totals, Greater Vancouver.....	1,258	41,937	75,978,729	4,410,604	174,850,440	349,659,149

APPENDIX II

Alphabetical List of the Products Reported as having been Manufactured in Canada in 1946

The appended list of the products of Canadian manufacturing industries presents the value and in most cases the quantity of the individual products in a much more detailed form. Prior to 1927, in presenting statistics of manufacturing production, the whole production of an establishment was taken as a unit. This not only prevented the presentation of production figures for specific products in detail, but also involved numerous inaccuracies in the production statistics of classes of commodities, owing to the fact that commodities which may be the major line of production in one establishment may also be products of secondary importance in another establishment where the major line of production puts the establishment into a different class. The statistics which follow, however, have been compiled by taking from the individual returns of each of the 31,249 manufacturing establishments covered, the value and, when given, the quantity of each commodity specified as produced by the establishment. In this way, detailed production figures are obtained for specific commodities and furthermore the total production of each commodity is brought together, no matter how varied may be the operations in different establishments producing it. Nevertheless it should be pointed out to those making use of these figures that there is one element of incompleteness about them. In the returns of many manufacturers, products of minor importance are grouped under the name "all other products". As will be seen from the group at the end of the list, the value of products not specified, while they may appear unimportant to the individual manufacturer, are, in the aggregate, a large amount, especially in the industries of the iron and steel group. It is obvious that one manufacturer may consider a product of insufficient importance to report separately for his establishment, while that same product may be reported separately by other establishments. In other words, included in the value of other products not specified at the end of the list, there are doubtless values which, had the products been specified by the manufacturer, would have been included in the values of commodities appearing on the list. However, the products not specified total only about 1.5 per cent in value of the whole manufacturing production, although in the iron and steel group this proportion is 4.7 per cent. With the exception of this group, therefore, the incompleteness of the figures on this account is insignificant.

There is no duplication in the listing of products, nor do any of the items include products listed in more detail under another name. It is possible, however, that essentially the same commodity produced in different establishments may have been called by different names; in such a case, which is probably a very rare one, the items would appear separately in the following list.

Alphabetical List of Products Manufactured in Canada, 1946

Items	Unit of Measure	Quantity	Value
			\$
Abrasive cloth.....	—	—	*
Abrasive paper.....	—	—	*
Abrasive wheels and segments.....	—	—	*
Absorbent cotton.....	—	—	*
Accelerators, synthetic.....	—	—	*
Acetaldehyde.....	—	—	*
Acetic anhydride.....	—	—	*
Acetone.....	—	—	*
Acetylene.....	cu. ft.	154,428,439	2,653,027
Acid, acetic.....	—	—	*
Acid, calcium phosphate.....	—	—	*
Acid, citric.....	—	—	*
Acid, cresylic.....	—	—	*
Acid, fatty, coconut, tallow, etc.....	lb.	2,874,780	314,818
Acid, hydrochloric (muriatic).....	"	21,238,754	280,977
Acid, hydrofluosilicic.....	—	—	*
Acid, nitric.....	—	—	*
Acid, naphthenic.....	—	—	*
Acid, oleic.....	—	—	*
Acid, phosphoric.....	—	—	*
Acid, stearic.....	—	—	*
Acid, sulphuric.....	lb.	1,160,687,007	4,310,841
Adhesives, n.e.s.....	—	—	391,768
Advertising matter, printed, n.e.s.....	—	—	18,083,133
Advertising novelties (see "Novelties").....	—	—	—
Agitators, mining and metallurgical.....	—	—	55,612
Agricultural implements and parts, n.e.s.....	—	—	7,109,978
Air conditioning equipment.....	—	—	1,330,070
Aircraft, including parts and repairs.....	—	—	33,640,592
Alcohol, butyl.....	—	—	*
Alcohol, denatured.....	{Made Sold} prf. gal.	5,511,868 6,319,509	3,059,993 3,763,426
Alcohol, not denatured.....	{Made Sold} "	3,362,668 3,807,109	1,659,319 2,441,882
Alkylate.....	gal.	4,218,725	834,042
Alloy die casting.....	lb.	7,617,265	622,324
Almond paste.....	"	110,801	40,851
Alumina, fused (crude).....	—	—	*
Alumina, fused (abrasive grains).....	—	—	*
Aluminum fluoride.....	—	—	*
Aluminum sulphate and stearate.....	—	—	*
Aluminum products, not specified.....	—	—	4,579,699
Ammonia, anhydrous.....	lb.	110,071,679	1,694,161
Ammonia, aqua.....	—	—	*
Ammonia, liquid.....	—	—	11,706
Ammonia, liquor.....	—	—	*
Ammonia, powder.....	lb.	2,979,370	138,713
Ammonium chloride.....	—	—	*
Ammonium hydroxide.....	—	—	*
Ammonium nitrate.....	—	—	*
Ammonium phosphate.....	—	—	*
Ammonium sulphate.....	ton	198,759	5,909,929
Ammunition (see Munitions & Supplies).....	—	—	—
Anti-freeze preparations.....	—	—	1,701,098
Apple butter.....	lb.	152,966	19,242
Apple pomace, chop and waste.....	"	2,322,815	65,865
Apple juice concentrate.....	gal.	628,796	803,958
Apples, evaporated and dehydrated.....	lb.	2,774,584	559,733
Aprons, fabric.....	doz.	291,770	1,451,685
Aprons, rubber and oiled.....	"	15,295	129,663
Arm bands.....	"	47,076	75,823
Artware, pottery (see also "Pottery").....	—	—	475,700
Art needlework.....	—	—	122,412
Art work (printing).....	—	—	1,552,639
Asbestos products, n.e.s.....	—	—	1,211,266
Asphalt.....	imp. gal.	93,497,528	8,194,041
Asphalt, emulsion.....	—	—	*
Asphalt products, n.e.s.....	—	—	30,120
Atomizers.....	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items		Unit of Measure	Quantity	Value
				\$
Automobiles, commercial—				
¾ ton or less.....	For sale in Canada	No.	12,298	9,560,819
	For export	"	11,069	6,233,301
1 ton and less than 1½ tons.....	For sale in Canada	"	5,183	4,843,479
	For export	"	1,159	913,105
1½ tons and less than 2 tons.....	For sale in Canada	"	2,735	3,694,006
	For export	"	1,240	673,088
2 tons and less than 2½ tons.....	For sale in Canada	"	9,315	10,658,196
	For export	"	18,969	16,629,703
2½ tons and less than 3½ tons.....	For sale in Canada	"	10,358	13,638,438
	For export	"	5,367	4,692,332
3½ tons and less than 5 tons.....	For sale in Canada	"	567	1,452,155
5 tons.....	For sale in Canada	"	122	503,996
Over 5 tons.....	For sale in Canada	"	94	310,261
Station wagons.....	For sale in Canada	"	199	221,222
	For export	"	344	436,085
Other, not specified.....		"	217	436,430
Automobiles, passenger—				
Convertible cars.....	For sale in Canada	"	203	215,592
	For export	"	8	10,143
Permanent closed cars—Coupe.....	For sale in Canada	"	7,579	7,156,660
	For export	"	639	582,253
2 Door Sedan.....	For sale in Canada	"	15,061	13,623,563
	For export	"	22	23,654
4 Door Sedan.....	For sale in Canada	"	40,203	41,297,731
	For export	"	17,703	14,577,165
Other closed.....	For sale in Canada	"	439	435,830
	For export	"	1,852	1,118,674
Buses, complete.....		"	474	6,916,189
Automobile bodies and cabs.....		—	—	8,942,663
Automobile chassis.....	No.		8,162	3,806,065
Automobile cloth.....	yd.		680,488	1,311,308
Automobile parts and accessories, not specified.....			—	60,018,153
Automobile trailers.....			—	4,403,401
Awnings and verandah curtains.....			—	1,006,689
Axes and hatchets.....	No.		1,291,835	1,241,513
Axles and shafts, automobile.....			—	2,362,231
Axles and parts, not specified.....			—	1,192,348
Babies' high chair sets, commodes and other baby supplies.....			—	178,784
Babbitt metal.....	lb.		5,077,738	1,386,295
Badges, rosettes, buttons, etc.....			—	591,693
Bags, fabric—				
Cotton.....	doz.		4,070,512	8,324,666
Jute.....	"		7,768,895	17,236,320
Cosmetic.....			—	82,927
Sleeping.....			—	501,085
Tea (paper and fabric).....			—	*
Fabric, not specified.....			—	1,018,805
Bags, fabric, repaired and processed.....			—	1,944,026
Bags, leather and imitation leather—				
Club bags and suit cases.....			—	2,797,579
Hand bags and parts.....			—	7,848,870
School bags.....			—	239,882
Bags, paper—				
Glassine and cellophane.....			—	1,747,931
Millinery, garment and laundry.....			—	517,415
Self-opening.....			—	3,357,561
Wedge.....			—	948,963
Paper, not specified (including multi-wall).....			—	8,610,452
Bags, rubber, air and steam.....	No.		4,193	68,526
Bags, rubber and rubberized.....			—	7,345
Bale ties—Quantity made.....		ton	5,196	
Quantity sold.....	"		5,099	519,405
Balloons.....	gr.		14,119	87,335
Balls, golf, complete.....	doz.		89,459	400,776
Balls, soft.....	"		24,996	244,319
Balls, other, including bladders, centres, etc.....			—	972,142
Barley, pot and pearl.....	lb.		35,524,000	435,057
Barley, roasted.....			—	*
Barn and stable equipment, not elsewhere specified.....			—	353,127

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Barrels, wooden—			
Apple, etc.	No.	1,006,887	1,361,859
Fish, slack	"	15,119	16,824
" tight	"	133,668	366,853
Flour, sugar, etc.	"	82,346	112,904
Oil, vinegar, water, etc.	"	296,798	1,510,751
Whiskey, beer, etc.	"	6,453	117,831
Barrels, steel	"	432,725	1,752,973
Barrels, repaired, etc.	—	—	113,613
Barrels, n.e.s.	—	—	75,650
Bars, iron and steel—			
Hot rolled, of all grades:			
Quantity made	net ton	393,365	
Quantity sold	"	328,420	25,317,510
All other, including cold rolled and cold drawn, spike rods, bolt stock, etc.—			
Quantity made	net ton	139,106	
Quantity sold	"	92,890	7,667,985
Bars and ingots, aluminum	lb.	21,822,168	3,807,652
Basket bottoms	—	—	*
Baskets and crates, fruit and vegetable	—	—	3,185,872
Baskets, other, not specified	—	—	668,551
Bathing caps	doz.	52,302	149,797
Bathing suits	"	143,916	2,894,785
Bathrobes, kimonos, lounging jackets, etc.—			
Cotton—			
Women's and misses'	doz.	24,552	668,484
Children's	"	15,700	177,718
Rayon and silk—			
Women's and misses'	"	26,060	1,889,991
Men's and youths'	"	9,783	792,606
Children's	"	1,618	40,951
Not specified	"	3,489	180,000
Wool and flannel—			
Women's and misses'	"	7,513	699,944
Men's and youths'	"	13,021	1,107,965
Children's	"	5,328	63,458
Not specified—			
Women's and misses'	"	13,941	796,025
Men's and boys'	"	11,766	365,767
Children's	"	10,058	164,742
Bats, baseball	No.	217,815	157,741
Batteries:—			
Storage, for automobiles and other internal combustion engines	No.	1,439,961	7,749,456
Storage, for railway service	no. of cells	9,880	214,759
Storage, for motor cycle starting	No.	8,323	23,274
Storage, for telephone switch boards	No.	7,733	136,170
Storage, for farm lighting plants	no. of cells	87,666	630,988
Storage, for all other purposes	—	—	818,090
Dry-cell, all kinds	—	—	6,660,640
Parts, supplies and complete air-cell batteries	—	—	1,273,826
Battery containers, separators, etc.	—	—	1,608,397
Batting, wadding, flocks and rolls (including auto batts)	—	—	2,135,128
Bearings, roller and parts	—	—	839,349
Beauty parlour and barber equipment, n.e.s.	—	—	257,845
Beds and couches:—			
Metal and iron beds	No.	231,320	2,192,228
Studio couches, metal	"	46,728	1,497,124
Studio couches, other	"	32,366	1,530,052
Metal couches, other	"	7,341	37,220
Metal and other cots and bunks	"	84,491	674,158
Cribbs, all kinds	"	34,346	358,718
Beds, camp and other, n.e.s.	—	—	19,137
Bedspreads and bed sets—			
Cotton	No.	529,812	2,537,554
Silk and artificial silk	"	67,244	227,310
Not specified	"	121,964	806,401
Beef extract	—	—	*
Beekkeepers' supplies, n.e.s.	—	—	500,750
Beer, ale, stout and porter—			
In bulk	gal.	50,850,570	48,952,169
In bottles	"	100,459,520	133,688,934

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Beer, spruce.....	"	194,803	187,187
Beet pulp, wet and dried.....	—	—	720,089
Bells and gongs.....	—	—	65,647
Belting, cotton.....	—	—	*
Belting, leather (transmission).....	lb.	824,799	1,706,995
Belting, rubber.....	"	7,636,172	4,810,541
Belts, automobile, fan.....	No.	1,523,978	623,374
Belts, rubber, not specified.....	"	838,288	488,176
Belts and aprons, sanitary.....	—	—	82,017
Belts, body, not specified.....	—	—	2,855,074
Benzol.....	imp. gal.	5,776,019	818,315
Bicycles.....	No.	85,804	2,310,185
Bicycle parts.....	—	—	772,667
Billiard and bowling supplies, n.e.s.....	—	—	521,546
Binders, loose-leaf and other.....	—	—	1,731,037
Binders, grain and corn.....	—	—	6,209,712
Binding and stitching (trade work).....	—	—	1,224,461
Bindings—(See also "Tapes")			
Cotton.....	—	—	929,668
Silk and artificial silk mixtures.....	—	—	113,748
Other.....	—	—	29,397
Bins and hoppers.....	—	—	721,930
Biological products, n.e.s.....	—	—	2,212,294
Biscuits, plain and fancy.....	ton	47,756	18,045,373
Biscuits, soda.....	"	26,803	8,824,188
Biscuits, pretzels.....	—	—	*
Black, acetylene.....	—	—	*
Blackboards, asbestos.....	—	—	41,601
Blankets:—			
Cotton.....	pair or lb.	1,886,164	
Cotton warp.....	pair or lb.	5,390,128	3,323,118
Wool.....	pair or lb.	33,901	
Wool and cotton.....	pair or lb.	203,800	187,799
Slumber throws.....	pair or lb.	528,296	
Not specified.....	pair or lb.	3,513,748	4,104,232
Blankets, horse.....	pair or lb.	164,241	
Bleaching compounds.....	lb.	840,104	555,941
Blinds, venetian (see "Shades and blinds")	No.	147,869	698,251
Blood, animal, dried and soluble.....	—	—	102,218
Blooms, billets and slabs—	No.	137,245	364,635
Quantity made.....	—	—	215,155
Quantity sold.....	ton	1,620,903	
Blouses, women's and misses'.....	"	211,798	9,582,510
Blouses, children's.....	doz.	429,145	9,764,624
Blouses and shirtwaists, boys' (See "Shirts")	"	85,142	847,032
Blow torches.....	—	—	*
Blowers, furnace.....	No.	3,454	147,886
Blowers, not specified.....	—	—	42,644
Blue, laundry.....	—	—	92,641
Boats, life and whale.....	No.	329	534,102
Boats, motor and parts.....	"	816	717,489
Boats, outboard motor.....	No.	3,903	550,606
Boats, scows, tugs and other craft.....	—	—	1,019,382
Boats, sail.....	No.	316	111,221
Boats, other, including row boats, skiffs, etc.....	"	—	1,293,322
Boat parts.....	—	—	21,210
Boiler compound.....	—	—	868,502
Boilers, heating.....	No.	16,038	3,843,895
Boilers, power.....	"	986	4,238,672
Boilers, power, heating and not specified.....	—	—	378,483
Boilers, range.....	No.	138,396	1,369,366
Boiler parts and accessories.....	—	—	2,092,019
Bologna and blood pudding.....	—	—	*
Bolt boards.....	lb.	4,528,191	765,197
Bolt heads.....	—	—	*
Bolts, nuts and rivets.....	ton	47,299	8,329,251
Bone and meat meal and flour.....	lb.	9,760,040	368,768
Bone, raw, ground, etc.....	"	28,873,707	488,374
Books, printed and bound, chiefly for advertising.....	—	—	1,359,558

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Books, printed and bound, not chiefly for advertising.....	—	—	6,487,645
Books and pads, drawing, exercise scribblers, etc., not elsewhere specified.....	—	—	2,124,360
Books, ledger and account.....	—	—	723,806
Books, counter, check, sales, etc.....	—	—	1,705,891
Books, blank, bound, not specified.....	—	—	644,004
Bottles, thermos.....	—	—	*
Bowling supplies (see billiard and bowling supplies)	—	—	*
Box toes.....	No.	8,366,859	170,255
Boxes, mail.....	—	—	*
Boxes, paper—			
Corrugated.....	—	—	27,437,633
Fibre board.....	—	—	783,826
Folding.....	—	—	19,377,573
Mailing tubes and other round.....	—	—	181,194
Set-up.....	—	—	10,092,282
Not specified.....	—	—	84,849
Boxes, wooden:—			
Ammunition (wooden and steel).....	—	—	168,326
Apple.....	No.	1,293,781	326,682
Berry.....	"	21,576,874	188,084
Butter.....	"	1,934,149	845,497
Cheese.....	"	1,376,804	603,886
Cigar and tobacco.....	—	—	*
Fish.....	No.	2,224,663	807,891
Meat.....	"	2,014,920	1,039,364
Plywood.....	"	684,026	1,096,420
Boxes, wooden, not specified, including veneer.....	—	—	8,795,265
Boxes, other, not specified.....	—	—	112,236
Box panels, plywood.....	—	—	*
Braids and gimps.....	—	—	2,545,170
Brake beams and parts.....	—	—	163,035
Brakes, auto, and parts.....	—	—	1,040,580
Brakes, brake shoes and parts.....	—	—	1,364,212
Bran.....	ton	439,920	9,795,466
Brass ingots.....	lb.	22,657,570	2,698,819
Brass, bronze and copper products, not specified.....	—	—	293,156
Bread.....	lb.	1,375,621,953	79,751,441
Bread boards.....	—	—	17,457
Breakfast foods (see "Cereal products")	—	—	—
Brewery and distillery equipment, n.e.s.....	—	—	167,938
Bricks, cement.....	M	296,222	351,127
Bricks, from domestic clay.....	M	272,442	6,631,198
Bricks, sand-lime.....	M	39,857	587,989
Briquettes, coal and coke.....	—	—	*
Bristles.....	—	—	11,187
Bronze ingots.....	lb.	10,525,189	1,613,065
Bronze products, n.e.s.....	—	—	17,173
Brooms—			
Corn.....	doz.	328,296	2,958,481
Fibre.....	"	40,761	322,801
Hair.....	"	6,049	128,180
Toy.....	"	9,796	22,388
Other.....	"	1,066	12,606
Brushes—			
Made of corn and fibre.....	doz.	3,089	7,148
Clothes.....	—	31,176	115,170
Generator and motor.....	—	—	390,793
Hair.....	doz.	128,054	1,373,058
Nail.....	"	78,258	152,450
Paint.....	"	491,562	3,432,716
Shaving.....	"	41,441	407,956
Shoe.....	"	30,651	73,044
Tooth.....	"	508,213	746,715
For household purposes.....	"	319,116	1,075,840
For industrial use.....	"	146,414	991,916
Other, not specified.....	"	1,975,026	510,779
Brush blocks, backs, etc.....	—	—	75,542
Buckles, clips, etc.....	—	—	127,817
Buffing composition.....	—	—	106,704
Buffing wheels.....	—	—	135,868
Bufs, polishing, cotton.....	—	—	299,270

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Building blocks, hollow, cement, cinder, sand-lime, etc.....	—	—	4,994,675
Bungs, barrel.....	—	—	*
Buns.....	—	—	17,113,839
Burlap.....	—	—	*
Burners, lamp.....	—	—	*
Butane.....	Gal.	15,011,837	1,351,140
Butter, factory made.....	lb.	271,469,899	105,443,878
Butter, whey, factory made.....	"	2,477,943	904,753
Buttons—			
Celluloid.....	gr.	83,761	462,578
Plastic.....	"	635,117	636,857
Metal.....	"	1,045,420	270,298
Moulded.....	"	4,456,237	1,101,168
Pearl.....	"	344,867	246,044
Not specified.....	"	462,594	524,306
Button covering, hemstitching, etc.....	—	—	981,061
Butyl acetate.....	—	—	*
Cabinets, ice cream.....	—	—	*
Cabinets, medicine.....	—	—	66,632
Cabinets, phonograph and radio.....	No.	342,659	2,686,564
Cabinets, not specified.....	—	—	322,435
Calcium chloride.....	—	—	*
Calcium carbide.....	—	—	*
Calcium cyanamide.....	—	—	*
Calcium cyanide.....	—	—	*
Calcium naphthenate.....	—	—	*
Calcium stearate.....	—	—	*
Calks, horseshoe and other.....	—	—	120,508
Camel back.....	lb.	1,211,834	410,178
Cameras.....	—	—	*
Candles.....	—	—	1,559,848
Candy sticks.....	—	—	*
Canoes.....	—	—	660,338
Cans, paper or fibre, metal ends and other.....	No.	200,619,648	3,074,020
Cans, tin, general line.....	—	—	13,436,417
Cans, tin, packers' sanitary.....	—	—	33,911,924
Cans, tin and metal, other.....	—	—	2,325,144
Canvas and canvas goods, not elsewhere specified.....	—	—	182,337
Capacitors, (static condensers) for power factory correction.....	No.	525,120	1,425,472
Caps—			
Cloth.....	doz.	200,297	1,823,456
Cotton.....	—	75,237	224,179
Fur.....	"	8,496	263,636
Leather.....	"	18,684	182,532
Sport.....	"	58,725	351,004
Uniform.....	"	38,441	591,721
Not specified.....	"	5,416	16,202
Caps, bottle, paper.....	M	1,737,984	926,203
Caps, bottle, metal and plastic.....	—	—	6,714,263
Carbon dioxide gas.....	—	—	*
Carbon dioxide in cylinders.....	—	—	*
Carbon dioxide, solid.....	—	—	*
Carbon bisulphide.....	—	—	*
Carbons, illuminating, for lamps.....	—	—	*
Carbon products, not specified.....	—	—	31,906
Carburizing chemicals.....	—	—	*
Cards, greeting.....	—	—	5,645,198
Cards, playing.....	—	—	*
Cards, visiting.....	—	—	*
Carpets, mats and rugs—			
Carpets in rolls including stair—			
Axminster.....	carpet yd.	278,854	746,142
Wilton.....	"	344,845	1,470,419
Other, not specified.....	"	249,474	386,521
Carpets in squares, 4'6" by 7'6" or larger—			
Axminster.....	"	516,138	1,471,339
Wilton.....	"	119,957	525,376
Small squares and runners—			
Axminster.....	"	42,307	125,784
Wilton.....	"	18,999	88,697

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Rugs and carpets, not specified	—	—	1,399,037
Rugs made from old carpets	—	—	56,463
Carpet sweepers	—	—	*
Carriages and wagons, complete	No.	3,606	660,987
Carriages, baby	No.	136,054	2,181,443
Carriage and wagon bodies and boxes	—	—	56,699
Carriage and wagon materials	—	—	459,967
Carriers, litter	—	—	*
Cars, railway, track, motor	—	—	26,730
Cars, steam, railway, new	No.	10,092	31,831,866
Cars, dump, hand, push and other, not specified	—	—	379,165
Carts, concrete	—	—	*
Carvings, wood and other	—	—	26,730
Casein	lb.	6,046,823	1,334,060
Cases, clock	—	—	63,592
Cases, eye-glass and jewellery	—	—	621,057
Cases, leather, all kinds	—	—	2,190,296
Cases, toiletware and silverware	—	—	516,126
Cases, not specified	—	—	149,030
Caskets	No.	99,010	3,819,595
Casks, fish	"	20,850	46,751
Casks, other	—	—	*
Castings—			
Aluminum	lb.	10,447,220	4,489,731
Brass	"	26,551,992	5,184,986
Bronze	"	9,505,307	2,587,137
Copper	"	143,475	51,749
Die	—	—	3,134,247
Grey iron	ton	185,764	25,034,766
Malleable iron	ton	28,860	5,917,044
Iron, not specified	—	—	306,410
Lead	ton	297	61,089
Steel—			
Quantity made	net ton	75,544	18,657,306
Quantity sold	"	75,275	1,178,748
Castings, not specified	—	—	543,567
Castors, all kinds, and parts	—	—	4,801,636
Catalogues, printed, etc.	—	—	59,751
Catsup (see Tomato catsup)	—	—	*
Ceiling and siding metal	—	—	*
Cellophane products, not specified	—	—	*
Cellulose products, n.e.s.	—	—	*
Cement, Portland—			
Quantity made	bbl.	10,675,672	21,724,021
Quantity sold	"	11,560,483	95,895
Cement, linoleum	lb.	1,814,790	245,395
Cement, rubber	—	—	591,350
Cements, not specified	—	—	668,560
Cement products, not specified	—	—	12,164,047
Cereal products, prepared, ready to serve	lb.	84,400,626	1,834,909
Cereal products, unprepared	"	24,967,527	*
Cerelose	—	—	*
Cerium	—	—	302,826
Certificates, stock, bond, etc., printed	—	—	1,577,919
Chains, automobile	—	—	2,912,292
Chains, other than automobile, including sprocket chain	—	—	449,581
Chamois products	—	—	160,115
Chaplets, foundry	—	—	*
Chaps	—	—	*
Charcoal	—	—	173,437
Cheese, Canadian cheddar	lb.	147,647,509	30,913,936
Cheese, other than cheddar	"	1,194,789	365,978
Cheese, creamed	"	3,903,097	1,704,117
Cheese, skim milk and cottage	"	6,268,779	731,892
Cheese, processed and packed	"	34,051,018	10,854,510
Cheesecloth	—	—	173,437
Chemical products, not elsewhere specified	—	—	1,610,498
Cheques, notes, drafts, bank notes, etc., printed	—	—	2,836,284
Chests, cedar	—	—	870,876
Chests, other wood	—	—	17,738
Chewing gum	boxes	8,463,326	4,707,181
Chicken, canned (see Meats, canned)			

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
Chicory, roasted.....	—	—	\$
Children's wear, not elsewhere specified.....	—	—	* 538, 683
Chloral.....	—	—	*
Chloride of lime.....	lb.	3, 255, 534	121, 113
Chlorine, liquid.....	"	63, 098, 002	1, 360, 721
Chocolate coating.....	"	10, 416, 071	1, 991, 345
Choppers, food.....	—	—	162, 482
Churns.....	—	—	105, 007
Cider (for sale).....	—	—	3, 957
Cigars.....	M	219, 985	14, 690, 822
Cigarettes.....	"	15, 263, 780	208, 027, 668
Cinder blocks (see "Building blocks")	—	—	—
Classifiers, metal-working.....	—	—	90, 370
Clay, bentonite and other.....	—	—	256, 804
Cleaners, vacuum and parts.....	—	—	3, 075, 767
Cleaner, hand.....	—	—	364, 099
Cleaner, fabric, floor and window.....	—	—	180, 486
Cleaning and scouring powder and paste.....	lb.	24, 805, 660	2, 096, 904
Cleaning preparations, other.....	—	—	1, 458, 823
Clips and staples, wire.....	—	—	*
Clocks.....	—	—	1, 511, 552
Cloth, gummed.....	—	—	*
Clothes driers.....	—	—	30, 061
Clothes pins.....	No.	100, 334, 424	264, 068
Clothes hampers.....	—	—	166, 346
Clothing, rubber, n.e.s.....	—	—	896, 999
Clothing, military, not elsewhere specified.....	—	—	60, 133
Clothing, safety.....	—	—	88, 836
Clothing, sport and athletic—	—	—	—
Jackets and blazers, (see Coats, jackets, etc.)	—	—	—
Suits, ski, etc.....	No.	638, 807	2, 713, 170
Slacks.....	"	1, 492, 508	4, 178, 476
Shorts.....	doz.	95, 899	1, 295, 364
Parkas and hoods.....	"	47, 296	4, 320, 149
Other sport clothing.....	—	—	1, 678, 582
Clothing, hospital.....	—	—	198, 002
Clothing, oiled and waterproofed.....	—	—	803, 936
Clothing, not specified.....	—	—	505, 327
Coats and jackets—	—	—	—
Boys' overcoats and top coats.....	No.	59, 533	598, 289
Men's and youths' overcoats and top coats.....	"	875, 993	17, 388, 358
Women's and misses' coats—	—	—	—
Woollen.....	No.	1, 426, 277	30, 029, 500
Other.....	"	54, 013	756, 656
Children's coats—	—	—	—
Woollen.....	"	755, 782	5, 217, 574
Other.....	"	40, 089	121, 954
Boys' separate jackets—	—	—	—
Woollen.....	"	12, 158	59, 138
Other.....	"	3, 388	11, 462
Men's and youths' separate jackets—	—	—	—
Woollen.....	"	293, 508	3, 572, 751
Other.....	"	14, 672	91, 727
Women's and misses' separate jackets—	—	—	—
Woollen.....	"	155, 106	966, 857
Cotton.....	"	30, 377	76, 580
Other.....	"	99, 377	441, 802
Children's separate jackets—	—	—	—
Woollen.....	"	78, 638	203, 864
Other.....	"	67, 756	168, 476
Windbreakers.....	doz.	166, 509	8, 658, 851
Coats and vests, leather, n.e.s.....	"	4, 472	439, 167
Other sport jackets, not specified.....	—	—	84, 267
Mackinaw and bush coats.....	doz.	17, 883	1, 527, 539
Rubber and rubberized coats.....	"	12, 280	641, 316
Oiled and other waterproofed coats.....	"	49, 310	4, 434, 588
Washable coats, smocks, etc. (See Overalls)	—	—	—
Brunch coats and house coats.....	"	28, 383	716, 650
Other cloth coats, not specified.....	"	28, 509	639, 854
Coats, fur—	—	—	—
Children's.....	No.	812	25, 417
Ladies' (coats and capes).....	"	215, 549	41, 656, 731
Men's.....	"	2, 008	414, 668
Coats, fur-lined.....	"	1, 471	212, 317

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Coat shells and plates.....	—	—	1,713,522
Cobalt naphthenate.....	—	—	*
Cocoa (made for sale).....	lb.	13,964,691	2,087,925
Cocoa butter—			
Made for own use.....	"	7,149,929	
Made for sale.....	"	4,208,538	1,409,408
Cocoa and chocolate preparations, not elsewhere specified (for sale)	lb.	3,161,886	789,748
Coffee, roasted.....	lb.	68,438,543	24,438,030
Coffee, substitute.....	—	—	*
Coffee makers, non-electric.....	—	—	*
Coffins.....	No.	4,650	66,872
Coffin boxes (shells).....	—	—	437,155
Coils.....	—	—	104,751
Coke, gas-house.....	ton	3,363,109	32,676,130
Coke, petroleum.....	"	69,615	363,106
Coke, pitch.....	—	—	*
Cold storage equipment.....	—	—	489,453
Collars and cuffs, men's.....	—	—	77,265
Collars, fur.....	No.	115,038	1,626,967
Colours, butter, cheese and other.....	—	—	219,746
Colours, dry.....	—	—	2,530,727
Colours, in oil and japan.....	—	—	—
Combs.....	No.	50,351,463	1,705,739
Comforters—			
Cotton.....	No.	93,921	326,528
Down.....	"	8,451	173,353
Wool.....	"	81,188	420,187
Not specified.....	"	24,978	49,532
Communication systems (See radio communication equipment)	—	—	—
Compacts, powder and rouge.....	—	—	269,739
Compressors, air.....	—	—	4,802,876
Concentrates used for soft drinks.....	—	—	1,910,068
Concrete, ready-mixed.....	cu. yd.	483,691	3,932,240
Conduit, electrical, rigid iron.....	lb.	13,973,500	2,110,391
Conduit, electrical, flexible.....	ft.	5,444,625	172,486
Conduit fittings.....	—	—	649,457
Conduit and parts, not specified.....	—	—	565,089
Cones, ice cream.....	M	273,763	720,619
Cones and tubes, textile winding.....	—	—	338,713
Confectionery, chocolate—			
In bulk.....	lb.	11,083,361	3,132,814
In bars.....	doz.	44,653,054	16,782,692
In packages.....	lb.	16,673,010	7,276,510
Not specified.....	"	546,287	232,688
Confectionery, sugar—			
In bulk.....	lb.	34,955,193	7,146,970
In bars.....	doz.	1,898,994	700,883
In packages.....	lb.	7,747,532	3,478,855
Penny goods.....	gr.	1,239,239	1,190,582
Lozenges.....	lb.	858,374	214,343
Confectionery, not specified.....	—	—	192,721
Containers, not specified.....	—	—	668,428
Control and starting equipment, not elsewhere specified.....	—	—	4,203,228
Converter equipment, electrical.....	—	—	305,205
Coolers, milk and other.....	No.	3,118	576,381
Copperage products, not specified.....	—	—	163,097
Copper alloys.....	—	—	*
Copper naphthenate.....	—	—	*
Copper and copper products, not specified.....	—	—	437,651
Cores, for paper rolls.....	M ft.	9,148	526,952
Cores, textile winding.....	—	—	*
Cork products.....	—	—	9,285
Corn, cracked.....	ton	680	39,205
Corsets, girdles, brassieres, etc.—			
Corsets.....	doz.	215,005	5,406,175
Combination garments.....	"	35,068	1,336,937
Bandeaux, brassieres, etc.....	"	508,091	4,581,918
Suspender girdles, shoulder straps, etc.....	—	—	380,804
Corset steels and clasps.....	—	—	169,843
Cotter pins.....	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value \$
Cotton fabrics—			
Unbleached or grey.....	lb.	54,555,126	
	yd.	157,716,615	25,384,530
Bleached or white.....	lb.	6,997,313	
	yd.	27,905,456	4,488,912
Yarn and stock dyed.....	lb.	12,886,602	
	yd.	31,750,540	7,223,237
Piece dyed.....	lb.	9,082,659	
	yd.	33,514,265	7,382,261
Printed and painted.....	lb.	12,454,373	
	yd.	49,956,885	9,358,626
Pillow cotton.....	lb.	277,271	
	yd.	800,107	164,266
Cotton and continuous filament, artificial silk, mixed, mostly cotton.....	yd.	1,551,743	763,399
Not specified.....		1,656,802	828,401
Counters, shoe.....	pr.	35,265,910	576,147
Couplings, flexible.....		—	66,945
Covering, boiler and pipe, asbestos.....	sq. ft.	3,203,187	359,501
Covers, canvas.....		—	2,069,002
Covers, couch, table, and other furniture.....		—	155,430
Covers, mattress.....	doz.	6,419	57,357
Covers, stockinette, meat.....		—	650,134
Covers, radiator, tire, seat, etc.....		—	1,021,275
Covers, not specified.....		—	446,327
Cracklings.....	lb.	45,960,021	901,631
Crayons, wax and chalk.....		—	204,859
Cream curd.....	lb.	1,259,567	401,677
Cream, sold in dairy factories.....		—	19,177,099
Cream, whey, sold in dairy factories.....		—	531,886
Cream of tartar, refined.....	lb.	131,636	111,977
Cream separators.....		—	1,730,665
Cresols.....		—	*
Croquet sets.....		—	*
Cross arms.....		—	160,002
Croton aldehyde.....		—	*
Crucibles, clay.....		—	*
Crushers and parts.....	No.	16	130,802
Cuffs, fur.....	pr.	8,365	36,396
Cultivators.....	No.	19,023	1,320,287
Cups, aluminum, latex.....		—	*
Cups, paper, drinking and baking.....		—	1,065,785
Curtains, shower.....		—	78,599
Curtains and curtain materials.....		—	4,117,792
Curtain rods and fixtures.....		—	797,019
Cushions.....		—	424,480
Cushion forms.....	No.	124,223	71,480
Cushions and mattresses, air and sponge.....	doz.	930	17,098
Cutting blocks and tables, butchers'.....		—	76,238
Cutlery, all kinds.....		—	703,054
Dairy products, not specified.....		—	252,902
Dairy equipment, not specified.....		—	654,572
Daters.....		—	63,022
Decorations, including party favours, confetti, etc.....		—	674,133
D.D.T.....		—	*
Dentifrices.....		—	3,981,478
Dentists' supplies, not elsewhere specified.....		—	283,875
Deodorant.....		—	691,841
Desk sets.....		—	31,430
Detergents.....		—	*
Dextrine.....		—	477,429
Dextrose (see Glucose)			
Diamonds (gems).....		—	*
Diaries, printed, etc.....		—	146,235
Dibutyl phthalate.....		—	*
Dicyandiamide.....	lb.	13,188,000	1,379,531
Dies, diamond.....		—	*
Dies, stamping, drawing and cutting.....		—	631,568
Dies, metal-working, n.e.s.....		—	1,399,722
Dies, taps and stocks.....		—	431,909

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value \$
Dies, rubber, n.s.	—	—	209,307
Diggers, potato	—	—	110,202
Diphenylamine	—	—	*
Discs, agricultural	No.	10,499	2,345,797
Dish cloths	—	—	117,736
Dish washers, electrical, commercial	—	—	*
Disinfectants	—	—	782,836
Display forms, and mounting	—	—	604,173
Distillers' grain (See Grain, distillers')	—	—	—
Dog collars	No.	79,862	46,888
Doilies, paper, dinner cloths, etc.	—	—	*
Dolls of all kinds	—	—	1,946,614
Dolls' furnishings and parts	—	—	79,730
Doors, metal clad	—	—	252,997
Doors, veneer and plywood	No.	370,297	1,880,461
Doughnuts	—	—	2,937,041
Dowels	M-B. ft.	93,420	751,578
Down	—	—	*
Draperies and drapery material	—	—	458,394
Drapes, paper	—	—	*
Dresses, women's and misses—	—	—	—
Cotton (See also Coats, brunch coats, house coats, etc.)	No.	3,646,871	7,602,546
Linen	"	34,321	236,846
Artificial silk and mixtures	"	8,051,637	41,430,005
Velvet	"	95,950	1,099,777
Woollen	"	543,360	5,194,029
Not specified	"	32,124	111,524
Dresses, children's—	—	—	—
Cotton	No.	3,130,208	3,169,881
Artificial silk and mixtures	"	1,344,369	2,326,132
Woollen	"	133,768	386,481
Not specified	"	98,676	139,320
Dressing gowns, negligees, (see Bathrobes) etc.	—	—	—
Dressing, salad	—	—	2,184,151
Drilling machines	—	—	*
Drills, grain and fertilizer	No.	3,809	781,140
Drills, grain, press and plain	"	8,617	1,823,179
Drills, twist and other	—	—	4,087,997
Drills, mining and metallurgical	—	—	2,720,930
Drives, V-belts	—	—	562,587
Druggists' sundries—	—	—	—
Hot water bottles	doz.	50,198	337,942
Nipples and soothers	doz.	692,966	177,618
Ice caps and collars	"	2,553	17,169
Not specified	—	—	13,941
Drums, veneer and plywood	No.	305,160	336,911
Dyeing, finishing, shrinking, etc.—	—	—	—
Dyeing and finishing of textiles	yd.	69,697,598	5,653,800
Dyeing and finishing of yarns	lb.	2,657,735	640,709
Dyeing and finishing of other products	—	—	224,638
Bleaching, sponging, dyeing, etc., custom	—	—	2,329,427
Dyes, blended and packaged	—	—	501,285
Dyes and dressing, leather	—	—	686,558
Ear muffs	—	—	108,146
Eavetrough and pipe	—	—	491,255
Economizers	—	—	*
Egg cases	—	—	1,258,444
Egg substitute, including powdered albumen	—	—	38,443
Eggs, frozen	—	—	*
Egg graders	—	—	*
Eiderdown (see "Woollen cloth")	—	—	—
Elastic products, not elsewhere specified	—	—	604,736
Electric heating elements (sold separately)	No.	134,223	218,049
Electrical apparatus, parts and supplies, not elsewhere specified	—	—	5,759,066
Electrical instruments and meters, except ammeters for autos	—	—	4,286,598
Electrodes, carbon and graphite	—	—	*
Electrotyping and stereotyping	—	—	2,501,859
Elevator parts	—	—	2,084,183
Elevators, freight and passenger	—	—	4,276,922
Embalming fluid	—	—	135,948

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Emblems, badges and medals.....	—	—	682,970
Embossing.....	—	—	148,564
Embroideries and laces.....	—	—	1,636,186
Embroidery, custom.....	—	—	1,569,154
Enamel frit.....	—	—	*
Enamels, oil and synthetic type.....	imp. gal.	3,812,686	12,102,788
Engines, auto.....	—	—	*
Engines, auto, parts.....	—	—	3,410,967
Engines, gasoline.....	—	—	657,985
Engines, steam.....	No.	59	5,203,460
Engines, diesel and other, not specified.....	—	—	2,504,969
Engine and turbine parts.....	—	—	424,055
Engraving (Trade work).....	—	—	—
Ensilage cutters.....	—	—	6,255,935
Envelopes, made.....	—	—	3,192,777
Envelopes, printed.....	—	—	*
Ethyl acetate.....	—	—	824,888
Evaporators, commercial.....	—	—	*
Eveners.....	—	—	49,035
Excelsior, paper.....	ton	7,823	278,552
Excelsior, wood.....	No.	10,363,782	251,590
Excelsior pads, wrappers, etc.....	—	—	7,654,592
Explosives.....	gal.	476,878	3,738,322
Extracts, flavouring (bakers', confectioners' and household, etc.).....	"	177,229	1,146,255
Extracts, flavouring, etc., (used for soft drinks).....	—	—	—
Fabrics, coated and impregnated, not elsewhere specified.....	—	—	4,265,426
Fabrics, rubberized and waterproofed.....	—	—	1,094,800
Fabrics, not specified.....	—	—	989,255
Facial tissue (see Tissue, cleansing)	—	—	*
Facing and parting, foundry.....	—	—	—
Fanning mills.....	No.	2,338	132,022
Fans, electric.....	"	30,744	522,971
Fasteners, zipper.....	ft.	35,662,731	4,738,483
Fasteners, zipper, parts.....	—	—	10,368
Fasteners of all kinds, n.e.s.....	—	—	319,451
Fats, n.s.....	lb.	593,639	57,203
Feathers, millinery.....	—	—	449,287
Feed, chopped grain.....	ton	1,440,706	56,038,134
Feed mixers.....	—	—	89,254
Feed, stock, poultry, etc. (see Foods)	—	—	—
Felt, coated and saturated (fabric).....	—	—	539,448
Felt, cotton.....	—	—	1,110,377
Felt, hair and jute.....	lb.	317,691	60,709
Felt, harness and athletic.....	"	445,787	248,040
Felt, for pulp and paper making.....	—	—	5,415,114
Felt, padding.....	—	—	334,803
Felt, paper (see Paper)	—	—	—
Felt, insole.....	—	—	84,625
Felt, shoe and gaiter.....	—	—	452,858
Felt, not specified.....	—	—	2,082,421
Fences, electrical and equipment.....	—	—	249,285
Fences, not specified.....	—	—	6,818
Fencing, wire.....	ton	20,277	1,992,141
Fencing, chain link.....	"	1,616	286,046
Fencing, snow.....	—	—	412,705
Ferric chloride.....	—	—	*
Ferro-alloys, (ferro-silicon, ferro-chrome, ferro-manganese, silicon spiegel, etc.).....	ton	144,897	11,114,234
Ferro-phosphorous.....	—	—	*
Fertilizers.....	—	—	17,956,075
Fertilizer sowers.....	No.	752	75,531
Fibre, staple (art. silk).....	—	—	*
Files and rasps.....	—	—	*
Filing system supplies.....	—	—	1,437,796
Fillers, non-metallic minerals.....	—	—	—
Filling, pie, apple, canned.....	lb.	13,199,677	1,436,935
Filling, pie, apple, other.....	"	1,666,735	155,464
Filling, pie, other than apple, canned.....	"	401,913	52,087
Filling, pie, other than apple, not canned.....	"	2,128,608	260,918
Filling, pie, powder.....	"	2,279,865	573,302

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Film, motion picture.....	—	—	*
Films, photographers'.....	—	—	*
Filters and filter presses.....	—	—	193, 387
Fire clay.....	ton	4, 696	30, 607
Fire extinguishers.....	—	—	1, 131, 177
Fire fighting and fire protection equipment, not elsewhere specified	—	—	780, 286
Fireplace furnishings.....	—	—	489, 500
Fireworks (see Pyrotechnics)			
Fish, canned.....	lb.	178, 104, 000	39, 128, 131
Fish, otherwise prepared.....	—	—	17, 182, 596
Fish, fresh, marketed for consumption, sold in factories.....	—	—	38, 389, 352
Fishing nets.....	—	—	1, 297, 887
Fishing tackle.....	—	—	1, 599, 264
Fittings, ship.....	—	—	949, 522
Fixtures, lighting, exterior.....	—	—	956, 198
Fixtures, lighting, interior.....	—	—	9, 765, 570
Fixtures, lighting, not specified.....	—	—	847, 826
Flags and bunting.....	—	—	162, 409
Flashlights.....	—	—	388, 924
Flatware, electro-silver plated and sterling.....	—	—	6, 023, 139
Flax fibre.....	lb.	1, 450, 924	658, 213
Flax products.....	—	—	365, 137
Floor covering, including oilcloths, etc.....	—	—	*
Flooring, hardwood.....	M ft. b. m.	36, 665	4, 398, 868
Floor tile and joists, steel.....	—	—	*
Flotation machines (mining and metallurgical).....	—	—	*
Flour, barley.....	ton	1, 495	149, 595
Flour, buckwheat.....	lb.	644, 550	23, 889
Flour, corn.....	—	5, 333, 474	186, 850
Flour, diabetic.....	—	—	*
Flour, potato (see "Starch and flour")			
Flour, preparations for sausage fillings.....	"	5, 655, 830	363, 918
Flour, prepared and self-raising.....	"	30, 547, 186	3, 017, 020
Flour, soya bean.....	"	5, 138, 579	355, 636
Flour, wheat—			
Spring, No. 1 patent.....	bb.	6, 131, 550	37, 481, 035
Spring, No. 2 patent.....	"	4, 744, 357	26, 154, 819
Spring, No. 3 patent.....	"	13, 727, 869	88, 484, 658
Ontario winter.....	"	962, 022	4, 832, 441
Low grade flour.....	"	571, 445	2, 202, 655
All other.....	"	899, 219	4, 538, 914
Flour, graham or whole wheat.....	"	140, 001	664, 175
Flour, rice.....	—	—	*
Flour, rye.....	ton	2, 954	266, 521
Flowers, artificial.....	—	—	1, 244, 633
Flue linings.....	—	—	128, 253
Fly pads and paper.....	—	—	289, 891
Fly swatters.....	—	—	*
Foil of tin, lead and aluminum.....	—	—	3, 420, 258
Folding (trade work).....	—	—	194, 109
Food drinks, liquid.....	gal.	3, 606, 362	1, 965, 455
Food, fox, dog, etc.—			
Fox biscuits.....	ton	1, 928	190, 501
Dog biscuits.....	"	1, 543	250, 073
Canned dog food.....	"	2, 446	687, 978
Other dog food.....	"	7, 266	1, 280, 818
Other fox food.....	"	10, 198	940, 092
Rabbit, turtle and other animal food.....	"	9, 000	611, 405
Feed, stock.....	"	618, 452	27, 949, 860
Feed, poultry.....	"	733, 154	38, 950, 298
Feed, stock and poultry, n.e.s.....	"	156, 794	7, 598, 068
Feed, poultry, stock, etc. ingredients.....	—	—	*
Food mixers.....	—	—	*
Food, infants, and dietetic.....	—	—	1, 145, 591
Food, infants', canned.....	lb.	18, 543, 452	3, 988, 510
Food products, not specified.....	"	1, 397, 390	320, 973
Foots, vegetable oil.....	"	2, 730, 789	81, 818
Footwear, leather—			
Felt upper—			
Babies'.....	pr.	26, 137	33, 245
Boys'.....	"	79, 766	110, 860
Children's and misses'.....	"	113, 143	91, 060

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.
28701—10

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value \$
Footwear, leather— <i>Concluded</i>			
Felt upper— <i>Concluded</i>			
Men's.....	pr.	575,385	1,102,410
Youths.....	"	20,085	29,822
Women's.....	"	430,673	500,148
Leather or fabric upper—			
Babies.....	"	3,483,540	3,446,364
Boys.....	"	1,650,039	3,372,540
Children's and Misses.....	"	4,443,073	6,366,722
Little gents.....	"	112,459	162,280
Men's.....	"	8,738,465	32,042,460
Youths.....	"	491,001	870,876
Women's and growing girls.....	"	15,194,298	38,281,265
Footwear, shoe packs, larrigans, moccasins, etc.—			
Babies.....	"	13,404	6,159
Boys.....	"	81,027	113,415
Children's.....	"	7,846	9,257
Little gents.....	"	858	984
Men's.....	"	408,663	822,893
Youths.....	"	10,269	14,650
Women's and growing girls.....	"	315,339	447,530
Not specified.....	—	—	6,686
Footwear, rubber—			
Knee and hip boots, all rubber.....	pr.	2,525,253	6,020,707
Lumbermen's boots, all rubber.....	"	1,079,107	1,759,174
Lumbermen's boots, leather tops.....	"	292,155	1,461,284
Rubbers, light and heavy, including Jersey storms.....	"	4,500,378	3,224,878
Overshoes and galoshes, all rubber.....	"	1,691,907	2,487,392
Overshoes and galoshes, fabric upper.....	"	2,667,560	5,686,623
Balmorals, rubber soled, fabric tops.....	"	872,647	1,028,975
Oxfords, rubber soled, fabric tops.....	"	3,917,516	3,379,659
Balmorals, rubber soled, leather tops.....	"	235,397	165,095
Oxfords, rubber soled, leather tops.....	"	789,421	826,509
Rubber bottoms for leather tops.....	"	113,953	179,010
Not specified.....	"	1,831	4,214
Forgings, including drop, shell, etc.....			7,442,308
Forks, farm implements.....	No.	520,309	443,779
Forms, continuous, printed.....	"	—	4,114,073
Fountains, soda.....	—	—	476,582
Frames, spectacle, cases, etc.....	—	—	1,051,247
Freezers, ice cream.....	—	—	—
Fringes, cords and tassels.....	—	—	512,853
Fruit drinks.....	—	—	228,012
Fruit juices, canned (See also "Grape juice").....	lb.	24,490,876	1,818,336
Fruit concentrate (see "Apple and grape concentrate").....	"	—	—
Fruit juices, other.....	"	12,762,504	825,943
Fruit peel, candied.....	"	3,676,068	932,093
Fruit pulp.....	"	611,775	26,507
Fruits, canned—			
Apples, including crab apples.....	"	19,145,638	1,513,943
Apricots.....	"	3,327,001	431,544
Blackberries.....	"	207,640	26,955
Blueberries.....	"	536,962	87,712
Cherries.....	"	5,362,964	791,272
Loganberries.....	"	115,544	13,869
Peaches.....	"	37,200,425	4,701,706
Pears.....	"	13,946,055	1,661,069
Plums.....	"	23,886,387	2,042,455
Raspberries.....	"	611,073	104,173
Rhubarb.....	"	1,699,801	104,677
Strawberries.....	"	290,729	53,234
Other fruits not specified (Grapefruit, pineapple, etc.).....	"	2,023,616	467,633
Fruits, evaporated, other than apples.....	—	—	*
Fruits, fountain.....	lb.	3,352,059	1,422,168
Fruits, glaces.....	"	3,351,144	1,036,200
Fruits, for re-processing—SO ₂	"	26,030,602	2,968,145
Fruits, for re-processing other (2+1, 3+1, etc.).....	"	6,975,679	1,111,509
Fruits, frozen, not specified.....	—	—	48,944
Fruits, straight frozen, not for re-processing.....	lb.	4,657,828	866,960
Fuel, hog.....	unit	209,881	229,437
Funnels, sheet metal.....	—	—	40,198
Fur dressing and dyeing.....	—	—	5,010,539

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Fur trimmings.....	—	—	1,847,419
Fur, remodelling, etc.....	—	—	5,520,475
Furnaces, electro-metallurgical.....	—	—	457,956
Furnaces, hot air.....	—	—	4,615,150
Furnaces, not specified, and furnace parts.....	—	—	569,745
Furniture—			
Bedroom.....	—	—	17,851,473
Breakfast room.....	—	—	3,673,902
Dining room.....	—	—	3,493,266
Kitchen.....	—	—	2,819,163
Living room.....	—	—	21,422,696
Other household.....	—	—	5,463,261
Chrome.....	—	—	2,173,256
Office, steel and masonite.....	—	—	2,542,368
Office and store furniture and fixtures.....	—	—	6,163,179
Steel and metal, not specified.....	—	—	405,153
Children's.....	—	—	1,742,417
School, lodge, church and theatre.....	—	—	2,267,507
Camp, lawn and verandah.....	—	—	670,014
Wicker, fibre, reed and rattan, not specified.....	—	—	206,228
Furniture, not specified, and other cabinet work.....	—	—	2,832,601
Furniture frames and parts.....	—	—	3,012,972
Fuses and fuse wire.....	—	—	1,506,689
Gaiters, spats and leggings.....	—	—	154,424
Galvanized ware.....	—	—	2,224,265
Games, not specified.....	—	—	961,825
Garage equipment, n.e.s.....	—	—	401,924
Gas made—			
Retort coal gas.....	M cu. ft.	9,744,357	
Coke oven gas.....	"	42,471,460	
Producer gas.....	"	1,337,275	
Water gas.....	"	7,101,932	
Not specified.....	"	118,012	
Gas sold.....	"	22,503,927	20,916,981
Gas used in heating ovens, retorts or gas plants.....	"	18,299,361	2,302,714
Gas used in associated metallurgical work.....	"	18,257,178	1,662,323
Gas, otherwise accounted for, but not sold.....	"	222,902	63,358
Gas, not accounted for.....	"	1,782,056	985,693
Gas, still, from petroleum refineries.....	"	11,511,941	4,489,788
Gas, oil.....	"	53,365	619,829
Gasoline.....	imp. gal.	1,017,620,703	117,836,804
Gates.....	—	—	210,234
Gauges, not specified.....	—	—	1,018,214
Gears, industrial.....	—	—	86,250
Gears, wagon.....	No.	5,376	611,786
Gears, cut tooth and cast tooth.....	—	—	942,453
Generators—			
Alternating current.....	No.	89	1,221,020
Direct current.....	—	—	386,501
Generators, engine driven.....	—	—	*
Generator parts.....	—	—	45,664
Glass, bent.....	—	—	35,062
Glass, bevelled and polished edge.....	—	—	442,059
Glass, chipped or etched.....	—	—	111,552
Glass, cut.....	—	—	467,857
Glass, fibre.....	—	—	*
Glass, flat sheet and window.....	—	—	*
Glass, leaded, including memorial windows.....	—	—	172,571
Glass, non-shatterable.....	—	—	*
Glass, pressed and blown.....	—	—	15,659,180
Glass vials and chemical glassware.....	—	—	748,921
Glass products, other including windshield glass.....	—	—	1,092,696
Gloves, mittens and gauntlets, fabric—			
Dress—			
Cotton, men's.....	doz. pairs	32,344	54,505
" women's.....	"	26,654	342,279
" children's.....	"	3,415	19,402
Artificial silk and mixtures, all types.....	"	95,721	737,287
Wool.....	"	19,235	127,493
Not specified.....	"	63,184	397,092

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Gloves, mittens and gauntlets, fabric— <i>Concluded</i>			
Work—			
Cotton, men's.....	doz. pairs	648,582	1,236,753
Cotton, other.....	"	3,676	6,567
Wool.....	"	14,806	74,248
Not specified.....	"	15,053	50,285
Gloves and mittens, knitted, all kinds.....	"	301,712	2,525,753
Gloves and mittens, leather, dress—			
Men's, lined.....	"	82,374	1,514,749
Men's, unlined.....	"	45,653	939,108
Women's and children's, lined.....	"	60,327	780,570
Women's and children's, unlined.....	"	91,972	1,635,363
Gloves and mittens, leather, work—			
Men's, lined.....	"	72,858	758,859
Men's, unlined.....	"	440,719	3,874,229
Boys', lined.....	"	78,254	569,475
Boys', unlined.....	"	16,115	90,203
Gloves and mittens, leather, and other not specified.....	—	—	258,696
Gloves and mittens, fur and fur-lined.....	pr.	32,342	65,143
Gloves, rubber and rubberized.....	doz.	156,014	497,217
Glucose and dextrose.....	ton	29,578	3,616,658
Glue (bone, hide, fish and vegetable).....	—	—	4,759,659
Glue stock.....	lb.	47,651,961	525,949
Gluten feed.....	ton	29,010	928,576
Glycerine, crude.....	lb	2,021,854	266,346
Glycerine, refined.....	—	10,251,539	1,666,448
Glycerine substitute.....	—	—	*
Goggles, sun.....	—	—	*
Gold alloys.....	—	—	2,591,982
Gold, fine.....	—	—	2,005,727
Gold, leaf.....	—	—	*
Golf supplies, including golf bags, sticks, heads, etc.....	—	—	488,892
Grains, sold wet and dry (breweries and distilleries).....	ton	147,756	1,331,367
Granite—monuments (See also "Marble monuments, etc.").....	—	—	2,883,101
Granite, for building purposes.....	—	—	117,656
Granules, roofing.....	—	—	*
Grape concentrate.....	—	—	*
Grape juice.....	lb.	7,803,159	1,064,332
Graphite powder.....	—	—	30,519
Grate bars and grating.....	—	—	189,529
Gravy preparations.....	—	—	123,230
Grease.....	lb.	33,826,764	1,988,636
Grease, lubricating.....	—	—	*
Grills and hot plates, electric.....	No.	155,270	1,068,911
Grinding machines.....	—	—	605,593
Grinding balls.....	—	—	1,488,987
Guanidine nitrate.....	—	—	*
Gums, unvulcanized.....	lb.	493,602	147,848
Gymnasium supplies, not specified.....	—	—	*
Gypsum blocks.....	sq. ft.	46,991	165,787
Hair, animal, raw.....	lb.	6,547,678	1,918,310
Hair cloth.....	—	—	*
Hair nets.....	—	—	188,662
Hair goods.....	—	—	40,416
Hair wavers, curlers, pads, etc.....	—	—	677,218
Halters, leather.....	No	78,420	96,988
Hames.....	—	—	*
Hammers, forging.....	—	—	13,171
Hammocks.....	No.	273	6,006
Handkerchiefs.....	doz.	1,502,627	1,645,718
Handles, broom and mop.....	No.	10,319,564	393,875
Handles, long tool and axe.....	"	4,164,468	1,022,536
Handles, small tool.....	"	20,351,842	594,355
Handles, n.s.....	—	—	187,519
Hangers, garment.....	—	—	636,742
Hardware, automobile.....	—	—	639,582
Hardware, builders.....	—	—	5,596,822
Hardware, furniture.....	—	—	884,102
Hardware, harness and saddlery.....	—	—	467,428
Hardware, pole-line.....	—	—	2,427,800

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Hardware, not specified.....	—	—	2,167,046
Harness, double.....	set	9,650	493,585
Harness, single.....	"	4,546	155,690
Harness collars.....	No.	106,507	423,285
Harness parts.....	—	—	1,011,612
Harrows.....	—	—	2,165,068
Hassocks.....	—	—	500,792
Hat blocks.....	—	—	43,066
Hats, cotton—			
Men's.....	doz.	13,686	203,547
Women's and children's.....	"	7,006	92,493
Hats, fur felt—			
Men's.....	doz.	160,912	7,749,804
Women's.....	"	49,322	2,501,792
Children's.....	"	2,879	43,682
Not specified.....	"	523	14,945
Hats, wool, felt—			
Men's.....	doz.	79,833	1,245,288
Women's.....	"	229,100	4,383,124
Children's.....	"	23,109	274,424
Hats, velour felt, men's and women's.....	"	13,406	340,018
Hats, straw—			
Men's.....	doz.	10,972	199,833
Women's.....	"	120,345	2,340,406
Children's.....	"	30,674	139,512
Hats, panama.....	"	3,293	159,230
Hats, silk and crepe, women's.....	"	5,870	173,931
Hats, silk and crepe, children's.....	"	2,050	16,000
Hats, velvet.....	"	1,866	51,038
Hats, wool, women's and children's.....	"	7,034	65,118
Hats, waterproofed.....	"	6,304	51,025
Hats, not specified—			
Men's.....	"	27,641	104,317
Women's.....	"	18,198	186,666
Children's.....	"	15,889	82,784
Tams, berets, and turbans.....	doz.	5,634	61,758
Headwear, not specified.....	—	—	1,089,358
Hats, cleaned and reblocked.....	doz.	1,777	16,651
Hat bodies.....	—	461,521	4,317,351
Hatters' supplies, including hat linings.....	—	—	148,383
Hay loaders.....	No.	4,110	452,013
Hay rakes, dump, tedders, etc.....	—	12,134	748,680
Heading, barrel.....	—	—	467,545
Hearing aids.....	—	—	*
Heaters, air, electric.....	No.	61,600	332,083
Heaters, auto and engine.....	—	—	540,809
Heaters, boiler, feed, water.....	—	—	210,980
Heaters, water tank, electric.....	No.	83,427	465,355
Heaters, water tank, gas.....	"	22,396	506,649
Heaters, water tank, cast iron.....	—	—	283,887
Heaters, not specified.....	—	—	323,986
Heaters, electric, unit.....	—	—	1,947,186
Heating and ventilating equipment, not elsewhere specified.....	—	—	3,961,781
Heels, leather and wood.....	pr.	24,784,141	2,073,242
Heels, rubber and composition.....	pr.	25,925,919	1,876,134
Helmets.....	—	—	428,823
Hides, all kinds.....	—	—	12,307,965
Hockey pucks.....	doz.	32,075	27,069
Hockey sticks.....	"	68,742	495,211
Hoes, hand.....	No.	291,357	151,116
Hoists.....	—	—	1,483,314
Holders, cigar and cigarette.....	—	—	553,225
Hollow-ware, sterling silver.....	—	—	55,267
Hollow-ware and spinnings, aluminum, brass and copper.....	—	—	2,371,567
Hollow-ware, electro-silver plated.....	—	—	157,992
Hollow-ware, other.....	—	—	3,290
Honey butter.....	lb.	12,185	91,574
Hooks, eyes, notions, etc. not elsewhere specified.....	—	—	58,395
Hoops, wooden.....	M	2,262	122,302
Hoops, steel.....	—	—	1,754,605
Hoops, bands and strips, hot and cold rolled (sold).....	net ton	17,259	46,035
Hooves and horns.....	lb.	1,176,998	

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value \$
Horseradish, prepared.....	lb.	371,883	114,432
Horseshoes.....	—	—	436,100
Hose, fire, linen, unlined.....	—	—	*
Hose, rubber.....	—	—	5,737,313
Hosiery—			
Cotton and cotton mixtures—			
Men's Seamless—			
Work socks.....	doz. prs.	210,237	494,951
Fine socks.....	"	371,620	1,034,899
Other (anklets, sports, etc.).....	"	111,084	278,135
Women's Seamless—			
Full length stockings.....	"	443,978	1,221,856
Other (anklet, sports, etc.).....	"	446,657	910,585
Children's Seamless—			
Full length stockings.....	"	258,376	627,154
Golfers.....	"	83,471	235,789
Other.....	"	874,068	1,437,595
Full Fashioned—All Types.....	"	143,493	950,856
Silk and Silk Mixtures, seamless and full fashioned.....	"	3,226	38,010
Rayon and Rayon Mixtures			
Men's seamless.....	"	59,353	230,346
Women's seamless.....	"	401,202	1,440,706
Children's seamless.....	"	17,252	163,187
Full fashioned, all types.....	"	1,268,517	8,698,187
Synthetic Fibres (Nylon, etc.)			
Seamless.....	"	67,136	558,657
Full fashioned.....	"	1,291,316	13,354,057
Wool and Wool Mixtures			
Men's Seamless			
Work socks.....	"	660,827	2,839,034
Fine socks.....	"	878,307	5,436,481
Other.....	"	187,239	914,180
Women's Seamless—			
Full length stockings.....	"	104,595	572,105
Other (anklets, etc.).....	"	143,970	500,180
Children's Seamless—			
Full length stockings.....	"	253,523	985,354
Golfers.....	"	141,993	648,290
Other (half length, anklets etc.).....	"	148,442	388,073
Full fashioned (all types).....	"	51,548	415,884
Hosiery, not specified.....	—	—	515,387
Houses, pre-fabricated.....	—	—	3,018,075
Hydrants.....	—	—	302,019
Hydrogen.....	cu. ft.	71,142,593	237,870
Hydrogen chloride.....	—	—	*
Hydrogen peroxide.....	—	—	*
Ice, artificial.....	ton	761,473	3,638,671
Ice cream (factory).....	gal.	13,953,012	17,244,273
Ice cream mix.....	"	1,111,882	1,243,771
Icings and icing paste.....	lb.	241,183	45,125
Incense.....	lb.	6,728	7,362
Incubators and other poultrymen's supplies.....	—	—	848,515
Infants' wear, not specified.....	—	—	1,896,848
Ingots, brass, bronze, etc. (see "Bars and ingots")	—	—	
Ingots, steel and alloy			
Quantity made.....	net ton	2,251,741	
Quantity sold.....	"	42,588	2,312,275
Ink, printing and lithographing.....	lb.	15,891,841	5,221,622
Ink, writing.....	"	949,260	310,230
Ink, not specified.....	—	—	249,404
Insecticides.....	—	—	3,684,345
Instruments, scientific, n.e.s.....	—	—	*
Insulating materials, n.e.s.....	—	—	619,960
Insulators, porcelain and insulator parts.....	—	—	*
Iron, pig—			
Quantity made.....	net ton	1,406,252	
Quantity sold.....	"	320,525	8,087,403
Irons, flat, electric.....	—	—	2,366,369
Ironers, electric.....	—	—	62,403
Iron and steel products, rolled n.e.s.....	—	—	747,960

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Irons, gasoline.....	—	—	101,535
Iron work, ornamental and architectural.....	—	—	2,337,625
Ironing boards.....	—	—	94,433
Isobutylene.....	—	—	*
Jacks, auto and other, not specified.....	—	—	765,349
Jams.....	lb.	71,423,911	9,686,913
Jams and jellies, artificial.....	—	—	*
Javelle water.....	—	—	2,281,067
Jellies.....	lb.	2,983,445	414,919
Jersey cloth (see "Knitted fabrics").....	—	—	—
Jewellery.....	—	—	13,532,741
Jigs and fixtures.....	—	—	849,299
Jointers, wood-working.....	—	—	94,122
Jute, jute paddings, and jute yarn.....	—	—	899,631
Kapok.....	—	—	*
Kegs, beer.....	—	—	*
Kegs, fish.....	No.	16,011	26,891
Kegs, nail, etc.....	"	1,256,938	488,522
Kerosene.....	imp. gal.	30,243,394	3,324,846
Kitchen equipment for hotels, cafeterias, etc.....	—	—	1,795,486
Kitchenware, aluminum, including pressure cookers.....	—	—	7,425,183
Kitchenware, other.....	—	—	2,147,721
Knitted fabrics.....	—	—	4,263,492
Knitted goods, miscellaneous—	—	—	—
Infants' jackets, booties, etc.....	—	—	2,275,336
Knitted goods, n.s.....	—	—	70,999
Knitting, custom.....	—	—	126,836
Knives, machine.....	—	—	789,585
Knives, pocket and army knives.....	—	—	64,111
Knives, bread, paring, etc.....	—	—	216,123
Labels, gummed.....	—	—	*
Labels, fabric.....	—	—	247,298
Laces, corset.....	—	—	55,121
Laces, shoe, silk, cotton, etc.....	—	—	879,843
Laces, shoe, leather.....	doz. pr.	36,497	26,837
Lacquers.....	—	—	4,347,478
Lacrosse sticks.....	—	—	*
Lactose (see "Sugar of milk").....	—	—	—
Ladders, step, extension, etc.....	—	—	330,951
Lamps, incandescent, except therapeutic (bulbs).....	No.	80,147,943	8,008,737
Lamps, fluorescent (bulbs).....	"	2,018,658	1,090,062
Lamps, table and floor, electric.....	—	—	2,403,244
Lamps, other.....	—	—	164,394
Lamp shades and wire frames.....	—	—	1,685,040
Lamp stands and lamp bases.....	—	—	192,723
Lamps and lanterns, railway, marine, etc.....	—	—	1,306,238
Lard.....	lb.	46,230,527	6,755,057
Lasts, trees and shoe findings, not elsewhere specified.....	—	—	660,307
Lathes, metal-working.....	—	—	1,628,779
Lathes, woodworking.....	—	—	16,617
Lath, metal.....	—	—	467,744
Lath, gypsum.....	sq. ft.	74,984,596	1,297,745
Lath, wood.....	—	—	908,604
Lead acetate.....	—	—	*
Lead naphthenate.....	—	—	*
Lead, refined.....	—	—	2,368,524
Lead, red.....	—	—	*
Lead, white, dry.....	—	—	*
Lead, white, in oil.....	—	—	*
Lead, sheet.....	lb.	6,674,862	580,369
Lead products, n.s.....	"	12,121,639	828,941
Lead for pencils.....	—	—	77,747
Leather—	—	—	—
Belting.....	lb.	716,642	637,622
Bookbinders'.....	sq. ft.	52,690	13,414
Bag, garment, pocket-book, trunk, etc.....	sq. ft.	34,015,498	8,240,216

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concern.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Leather— <i>Concluded</i>			
Harness.....	lb.	3, 253, 911	1, 423, 146
Lace.....	"	238, 279	182, 424
Oil tanned, shoe-pack.....	"	323, 502	72, 756
Sole—			
Chrome.....	"	432, 686	187, 779
Hemlock.....	"	72, 399	51, 210
Oak.....	"	32, 235, 404	14, 243, 419
Splits and other.....	"	22, 985	3, 908
Upholstering.....	—	—	*
Upper leather—			
Calf skins.....	sq. ft.	17, 066, 603	7, 936, 864
Cattle and horse hides.....	"	43, 152, 842	12, 859, 362
Chrome splits.....	"	13, 337, 136	1, 970, 701
Goat skins.....	—	—	*
Sheep skins.....	sq. ft.	4, 067, 672	793, 900
Wax splits.....	—	—	*
Other leather, not specified.....	—	—	1, 158, 612
Leather splits, not specified.....	—	—	1, 633, 001
Leather, not specified.....	—	—	2, 049, 359
Leather, artificial.....	—	—	1, 107, 764
Leather goods, not specified.....	—	—	555, 873
Lemon butter.....	—	—	—
Lenses, optical.....	—	—	1, 976, 328
Lifebuoys, jackets, belts, etc.....	—	—	230, 520
Lighter fluid.....	—	—	180, 169
Lighters, cigarette and parts.....	—	—	1, 631, 734
Lightning arresters, n.e.s.....	—	—	483, 043
Lightning rods and supplies.....	—	—	280, 813
Lime, grey acetate.....	—	—	*
Lime, hydrated.....	ton	156, 125	1, 296, 697
Lime, quick.....	"	684, 674	5, 778, 243
Limestone (buildings and monuments).....	—	—	972, 417
Line material including overhead trolley.....	—	—	737, 551
Linings, brake, asbestos.....	—	—	2, 086, 675
Linings, glove, shoe, etc.....	—	—	1, 080, 640
Linings, not specified.....	—	—	416, 096
Litharge.....	—	—	*
Lithographing (see Printing).....	—	—	*
Locomotives, new, and tenders.....	—	—	3, 583, 895
Locomotive and car parts.....	—	—	*
Looms, weaving.....	—	—	897, 739
Lubricating systems.....	—	—	—
Lumber, matched.....	M.ft. b.m.	164, 190	11, 099, 577
Lumber, planed.....	"	1, 359, 376	72, 444, 879
Lumber, sawn.....	"	4, 204, 882	186, 822, 783
Lumber, not specified.....	—	—	893, 546
Lye.....	—	—	*
Macaroni and spaghetti, canned.....	lb.	14, 935, 504	1, 218, 555
Macaroni, vermicelli, spaghetti, etc.....	ton	39, 929	5, 053, 617
Machinery—			
Accounting machines.....	—	—	2, 072, 259
Adding and other calculating.....	—	—	1, 203, 895
Bakers', mixing.....	—	—	422, 895
Bakers', not elsewhere specified.....	—	—	277, 788
Boring (metal-working).....	—	—	*
Bottlers'.....	—	—	250, 632
Canning, and parts.....	—	—	1, 830, 197
Cheese factory.....	—	—	72, 179
Chlorinating.....	—	—	*
Cleaning and pressing.....	—	—	992, 003
Coal handling and coal pulverizing.....	—	—	148, 244
Concrete and cement-making.....	—	—	1, 558, 439
Dairy.....	—	—	1, 403, 966
Conveyors.....	—	—	3, 389, 482
Elevating and conveying, n.e.s.....	—	—	923, 950
Flax mill.....	—	—	*
Flour and grist mill, not elsewhere specified.....	—	—	413, 218
Grain grinding, cleaning, etc.....	—	—	805, 848

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Machinery— <i>Concluded</i>			
Grain loaders and elevators.....	—	—	767, 143
Hoisting, except mine hoists.....	—	—	3,393,796
Kitchen and other household.....	—	—	198,723
Laundry.....	—	—	1,574,733
Leather-working, not elsewhere specified.....	—	—	1,337,453
Logging.....	—	—	1,398,638
Lumber and shingle drying.....	—	—	*
Metal-working, not elsewhere specified.....	—	—	34,665
Metering equipment.....	—	—	*
Milking.....	—	—	*
Milling (metal-working).....	—	—	208,617
Mining and metallurgical, not elsewhere specified, and parts.....	—	—	2,645,685
Office, not elsewhere specified.....	—	—	709,047
Oil refining.....	—	—	149,964
Plastics.....	—	—	1,140,804
Printing.....	—	—	80,184
Pulp and paper.....	—	—	7,373,864
Refrigerating.....	—	—	616,901
Road and excavating.....	—	—	2,487,720
Rolling mill.....	—	—	321,813
Rubber mill.....	—	—	1,278,976
Sawing, band, machine.....	No.	148	73,733
Saw, and planing mill.....	—	—	2,321,344
Sewing.....	—	—	*
Ships, and fittings.....	—	—	3,767,437
Stone-working.....	—	—	150,420
Syrup-making.....	—	—	171,517
Textile n.e.s.....	—	—	537,725
Transmission.....	—	—	1,760,079
Vulcanizing.....	—	—	*
Washing machines—			
Electric.....	No.	96,386	7,083,844
Hand and other.....	—	18,804	1,163,098
Well-drilling.....	—	—	11,455
Wood-working n.e.s.....	—	—	1,222,111
Other, not specified.....	—	—	6,647,975
Machinery parts, not specified.....	—	—	275,494
Magnesia, fused.....	—	—	*
Magnesium carbonate and stearate.....	—	—	*
Malt, made for sale.....	s. ton	195,334	12,503,838
Malt flour.....	lb.	3,346,057	256,911
Malt extract and syrup.....	—	19,982,942	1,754,414
Malt coomings and sprouts.....	ton	7,144	126,223
Malt, caramel.....	—	—	*
Manganese naphthenate.....	—	—	*
Mantles, lamp.....	—	—	*
Manure spreaders.....	No.	5,692	711,418
Maple butter.....	—	—	*
Maps.....	—	—	403,755
Marble chips and dust.....	—	—	27,464
Marble monuments (See also "Granite monument, etc.").....	—	—	401,197
Marble, for building purposes.....	—	—	169,759
Marine and fishermen's supplies.....	—	—	740,238
Marmalades.....	lb.	19,422 699	2,245,970
Match splints and match blocks.....	—	—	*
Matchers (wood-working).....	—	—	*
Matches.....	—	—	3,440,665
Mats and matting, cocoa.....	—	—	*
Mats and matting, rubber.....	—	—	737,609
Mattresses.....	No.	1,138,399	12,681,333
Mattresses, air and sponge.....	—	—	*
Meal, alfalfa.....	ton	34,194	1,069,282
Meal, barley.....	"	48,897	1,750,372
Meal, cereal grass.....	—	—	*
Meal, oilcake, cocoanut.....	—	—	*
Meal, corn.....	lb.	17,824,992	448,523
Meal, fish.....	lb.	48,149,050	1,478,619
Meal, meat, hoof, lung, liver, etc.....	"	31,024,287	904,444
Meal, mustard seed and oil cake.....	—	—	*
Meal, linseed, oilcake.....	—	—	*
Meal, peanut oilcake.....	ton	90,408	3,552,015

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
Meal, pea.....	lb.	33,500	\$ 670
Meal, rapeseed oil cake.....	—	—	*
Meal, rice.....	—	—	*
Meal, rye.....	ton	1,021	72,177
Meal, sunflower.....	—	—	*
Meal, soybean.....	—	—	1,968,833
Meat scrap.....	lb.	12,090,205	322,727
Meats, canned—			
Poultry.....	lb.	1,105,002	807,589
Meats, other.....	"	203,760,252	41,095,896
Meats, cooked, all kinds.....	"	48,955,263	14,638,112
Meats, cured—			
Bacon and sides.....	lb.	262,938,397	67,205,365
Beef, salted and cured.....	"	6,369,084	1,370,311
Hams.....	"	41,189,355	13,457,820
Pork, salted.....	"	50,880,298	11,369,127
Shoulders.....	"	36,241,317	10,000,888
Other.....	"	25,441,151	5,802,912
Meats, sold fresh—			
Beef.....	lb.	679,714,649	141,915,371
Fancy meats, not specified.....	"	44,837,983	6,356,990
Horse.....	"	5,346,955	263,660
Mutton and lamb.....	"	44,632,088	10,952,680
Pork.....	"	117,320,159	25,695,268
Veal.....	"	86,534,148	17,993,890
Other.....	"	2,885,734	409,007
Meats, frozen.....	"	101,840,456	19,752,315
Medicinal and pharmaceutical preparations—			
Standard.....	—	—	10,617,459
Specialties registered as patent medicines.....	—	—	10,031,841
Specialties sold with ingredients declared.....	—	—	16,152,933
Vitamins, all kinds.....	—	—	8,376,738
Other.....	—	—	490,432
Metal products, not specified.....	—	—	442,057
Meters, not specified, and meter parts.....	—	—	515,336
Meters, gasoline.....	—	—	167,822
Meters, water.....	—	—	*
Methyl hydrate, crude and refined.....	imp. gal.	410,179	411,228
Mica products.....	—	—	267,323
Milk, sold in dairy factories.....	gal.	131,851,780	61,350,011
Milk, buttermilk, sold.....	—	—	658,016
Milk, buttermilk, condensed.....	lb.	387,234	21,849
Milk, condensed.....	"	31,025,040	4,143,930
Milk, evaporated.....	"	196,209,948	16,234,299
Milk, skim.....	—	—	364,578
Milk, skim condensed.....	"	3,390,119	289,543
Milk, skim evaporated.....	lb.	3,190,739	132,059
Milk products, not specified.....	—	—	20,083
Milk drinks (see Food drinks).....	—	—	—
Military and naval equipment, not specified.....	—	—	146,911
Milling cutters.....	—	—	451,596
Mincemeat.....	lb.	5,314,378	701,070
Mine props, wedges, etc.....	—	—	757,101
Mirrors.....	—	—	3,065,377
Modelling clay.....	—	—	*
Molasses.....	lb.	69,646,000	994,266
Monuments, lettered only.....	—	—	337,710
Monuments, not specified(see also "Granite and Marble monuments, etc.").....	—	—	44,905
Mops—			
Floor.....	doz.	139,558	828,773
Dust.....	"	14,949	107,975
Dish.....	"	45,702	45,466
Other, not specified, and parts.....	—	—	232,035
Mosquito netting, bars, etc.....	—	—	*
Motors, electric, A.C. and D.C. (except starting motors).....	No.	847,154	17,580,249
Motors, other, and parts.....	—	—	1,014,218
Moulders, wood-working.....	—	—	*
Mouldings.....	—	—	3,749,989
Moulds for bakelite and rubber.....	—	—	152,093
Mounting (trade work).....	—	—	708,582
Mowers, hay.....	No.	21,957	2,643,489
Mowers, lawn.....	—	—	916,255

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Mucilage.....	—	—	94, 806
Muffs, fur.....	No.	27, 601	249, 372
Muff beds and cloth muffs.....	doz.	3, 811	98, 107
Munitions and other war supplies.....	—	—	11, 103, 695
Music, printed.....	—	—	79, 036
Musical instruments, and parts, not elsewhere specified.....	—	—	299, 697
Mustard, dry.....	lb.	618, 668	110, 140
Mustard, prepared.....	gal.	968, 528	1, 061, 270
Mustard compound.....	lb.	198, 659	24, 776
Nails, and spikes, cut from plate—			
Quantity made.....	keg.	18, 720	
Quantity sold.....	"	19, 549	157, 710
Nails, tacks and brads, wire—			
Quantity made.....	keg	1, 176, 656	
Quantity sold.....	"	1, 210, 754	5, 338, 431
Nails, horseshoe and other, n.e.s.....	—	—	309, 361
Napkins, paper.....	—	—	943, 499
Naphtha V.M. and P. or solvent.....	imp. gal.	25, 975, 231	3, 566, 555
Neckties.....	doz.	936, 346	6, 875, 237
Neckwear, women's.....	"	99, 763	748, 050
Neck pieces, fur.....	No.	34, 452	1, 272, 074
Needles, knitting machine.....	—	—	*
Needles, knitting and other.....	—	—	700, 300
Nets and nettings.....	—	—	*
Nickel salts.....	—	—	*
Nickel-silver, not elsewhere specified.....	—	—	306, 469
Night dresses—			
Cotton and flannelette.....	doz.	81, 196	868, 984
Silk and artificial silk.....	"	71, 740	1, 586, 000
Night dresses, knitted and other n.s.....	"	11, 141	247, 301
Nightshirts.....	"	2, 996	38, 534
Nitrobenzol.....	—	—	*
Nitrogen.....	—	—	*
Nitrous oxide.....	—	—	*
Non-ferrous alloys, not elsewhere specified.....	lb.	110, 410	50, 478
Novelties, advertising and other, not specified.....	—	—	1, 790, 899
Novelties, printed.....	—	—	661, 922
Nuts, salted, etc.....	lb.	2, 708, 373	2, 847, 096
Oars and paddles.....	—	—	154, 549
Oats, rolled.....	ton	117, 355	10, 229, 268
Oatmeal.....	"	26, 197	1, 566, 509
Offal, not specified.....	"	145, 948	3, 517, 257
Oil burners and parts.....	—	—	7, 556, 635
Oilcloth, other than floor.....	—	—	*
Oil, aniline.....	—	—	*
Oil, coconut, crude and processed.....	ton	26, 347	4, 387, 035
Oil, core.....	—	—	370, 565
Oil, corn, crude.....	—	—	*
Oil, corn, refined.....	—	—	*
Oil, cottonseed.....	lb.	1, 189, 618	197, 962
Oil, creosote and other.....	imp. gal.	10, 666, 289	1, 754, 819
Oil, engine and tractor distillate.....	"	37, 576, 831	4, 009, 410
Oils, fish (vitamin).....	lb.	3, 508, 755	2, 216, 391
Oils, fish, industrial.....	—	14, 900, 204	1, 744, 737
Oil, fish, other.....	—	—	*
Oil, fuel, diesel.....	imp. gal.	129, 966, 174	7, 774, 951
Oil, gas and light fuel oil—			
For own use.....	"	69, 830	4, 327
For sale.....	"	189, 547, 916	11, 928, 836
Oil, residual fuel—			
For own use.....	"	107, 126, 092	5, 077, 023
For sale.....	"	538, 391, 794	27, 661, 201
Oil, fusel (sold).....	—	—	69, 444
Oil, lard.....	lb.	1, 903, 114	283, 175
Oil, linseed, boiled.....	gal.	1, 144, 209	913, 795
Oil, linseed, raw.....	"	6, 704, 525	5, 210, 902
Oil, linseed, special.....	—	—	4, 254, 974

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Oil, lubricating.....	—	—	15,178,867
Oil, neatsfoot.....	lb.	1,097,443	203,997
Oil, oleo.....	"	2,019,009	225,309
Oil, peanut, processed.....	ton	8,680	3,135,225
Oil, soybean.....	"	9,809	2,910,999
Oil, light, n.e.s.....	imp. gal.	1,098,467	226,105
Oil, rape seed.....	—	—	*
Oil, silk.....	—	—	*
Oil, stand, blown, enamel, etc.....	imp. gal.	160,074	128,841
Oil, stove.....	"	88,221,556	5,968,564
Oils, sulphonated, textile oils, and other textile chemicals.....	—	—	1,374,309
Oil, sunflower seed.....	ton	2,183	945,624
Oils, vegetable, n.e.s.....	lb.	3,250,796	821,754
Oils, other, not specified.....	—	—	1,797,932
Oleo stock.....	lb.	1,460,118	167,214
Olives, bottled, etc.....	gal.	422,835	2,230,345
Organs, pipe.....	No.	51	231,931
Organs, other, and parts.....	—	—	615,206
Ornaments, not specified.....	—	—	251,596
Ovens, commercial, cooking.....	—	—	502,662
Ovens, industrial.....	—	—	*
Overalls—			
Men's and boys'.....	doz.	306,659	6,311,773
Children's.....	"	190,889	1,807,280
Not specified.....	"	4,512	77,819
Overall coats, smocks, dusters, etc.....	"	65,897	1,470,371
Oxygen.....	cu. ft.	476,822,719	3,973,866
Packing, asbestos.....	—	—	209,968
Packing, rubber.....	lb.	1,031,925	243,007
Packing, not specified.....	—	—	66,707
Pads, couch.....	No.	14,599	103,692
Pads, electric, heating.....	"	62,505	225,608
Pads, stamp.....	—	—	50,384
Pads, stair.....	—	—	*
Pads, sweat.....	—	—	142,291
Pads and padding, not specified.....	—	—	539,243
Pails, paper.....	No.	18,319,646	219,245
Pails and tubs, wooden.....	—	—	245,689
Painting equipment, not specified.....	—	—	*
Paint, varnish and enamel removers.....	—	—	278,706
Paints, mixed, ready for use.....	imp. gal.	9,687,254	25,226,843
Paints, cold water.....	lb.	18,264,677	1,516,601
Paints, water colour.....	—	—	*
Paints, paste.....	lb.	8,127,248	1,148,195
Paints, varnishes and cements, coal tar.....	—	—	*
Paints and enamels, not specified.....	—	—	370,503
Panel boards and cabinets.....	—	—	1,221,325
Pants, breeches, etc.—			
Fine pants, men's and youths'—			
Woollen.....	No.	1,641,790	7,970,693
Other.....	"	463,289	1,211,464
Fine pants, boys'—			
Woollen.....	"	516,325	1,333,462
Other.....	"	344,505	619,463
Work pants, men's and youths'—			
Woollen and mixtures.....	"	1,158,012	4,435,966
Cotton.....	"	2,612,400	4,860,614
Work pants, boys'—			
Woollen and mixtures.....	"	175,932	398,016
Cotton.....	"	251,076	288,697
Work pants, not specified.....	"	13,008	27,823
Breeches, men's and youths'—			
Woollen and mixtures.....	"	236,256	789,167
Cotton.....	"	168,192	301,324
Breeches, boys'—			
Woollen and mixtures.....	"	234,108	487,477
Cotton.....	"	66,696	116,241
Pants, not specified—			
Men's and youths'.....	"	5,448	21,008
Boys'.....	"	354,564	233,647
Not specified.....	—	—	134,787

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Pants, baby, rubber.....	doz.	114,185	318,929
Pants, rubberized and oiled.....	doz.	3,381	107,998
Paper—			
Adding machine and cash register.....	roll	2,438,777	156,811
Asbestos.....	—	—	*
Blotting, clay coated and enamelled.....	—	—	*
Blue print and photostat.....	—	—	576,664
Book.....	s. ton	67,508	9,811,813
Box cover, coloured.....	—	—	*
Writing pads, tablets, etc.....	—	—	889,006
Building and roofing paper—			
Asphalt saturated rag, and asbestos felt shingles.....	sq.	1,982,327	10,822,894
Mineral surfaced rag, and asbestos felt roofing.....	"	1,450,734	3,820,828
Smooth surfaced rag, and asbestos felt roll roofing.....	sq.	1,567,059	2,670,327
Tar and asphalt saturated rag, and asbestos felts, not coated.....	ton	38,760	2,423,022
Tar and asphalt saturated and coated sheathings.....	"	14,461	1,132,017
Other felts and sheathings.....	ton	700	63,358
Building papers.....	"	71,081	4,684,693
Insulated brick siding.....	—	—	*
Carbon.....	ream	119,797	1,587,012
Cellophane.....	—	—	*
Cigarette tubes and paper.....	—	—	*
Coated paper, other, n.e.s.....	—	—	2,560,562
Corrugated.....	—	—	*
Creped or crinkled.....	lb.	1,586,911	391,650
Fabric.....	—	—	*
Fine.....	s. ton	79,370	16,059,353
Foolscap, not elsewhere specified.....	—	—	115,966
Friction or flint glazed.....	—	—	*
Gummed (in sheets).....	—	—	*
Special industrial.....	s. ton	8,832	1,440,488
Lining, pan, shelf, etc.....	—	—	312,183
Parchment, vegetable.....	—	—	*
Oiled.....	lb.	1,311,655	147,987
Paper napkins and doilies (see "Napkins" and "Doilies").....	—	—	*
Newsprint paper—			
In sheets, for printing.....	s. ton	88,543	6,898,508
In rolls, for printing.....	"	4,055,434	273,066,143
Side runs for pulping.....	—	17,893	823,579
Counter rolls.....	—	—	*
Other.....	—	—	*
Printing and specialty paper, groundwood.....	s. ton	42,440	4,123,990
Safety paper, for cheques, etc.....	—	—	458,674
Sanitary.....	s. ton	39,082	4,949,824
Tissue, converted.....	—	—	635,022
Tissue, other than sanitary (basic stock).....	s. ton	17,635	4,065,716
Toilet, converted.....	cases	848,765	4,156,514
Towels, paper (see "Towels").....	—	—	*
Typewriter, not elsewhere specified.....	ream	164,515	118,236
Wall paper.....	—	—	*
Waterproofed, other than waxed, n.e.s.....	lb.	15,812,294	1,190,781
Waxed, all kinds, including bread wrappers, etc.....	"	51,419,692	7,220,468
Wrapping paper—			
Kraft, basic stock.....	s. ton	131,126	14,569,121
Sulphite.....	"	17,631	2,793,388
Miscellaneous furnishes.....	"	19,137	1,862,148
Wrapping, special.....	"	7,575	1,572,413
Paper, miscellaneous, not elsewhere specified, converted.....	—	—	428,689
Paper goods, including papeteries.....	—	—	1,092,018
Paper board—			
Box board.....	s. ton	351,426	24,594,753
Building, rigid insulating.....	"	72,233	6,274,449
Building, other.....	"	25,333	3,815,682
Container chips.....	"	6,480	287,541
Corrugating board.....	"	90,347	6,285,008
Liners.....	"	167,786	12,465,659
Mounting board.....	—	—	*
Clay coated and enamelled.....	—	—	*
Coated, other, not specified.....	—	—	1,808,367
Silicated.....	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Paper board— <i>Concluded</i>			
Wallboard and building board, n.e.s.	—	—	239, 679
All other board and paper, not specified	—	—	1, 513, 167
Parachute and parachute equipment	—	—	* 82, 399
Paraldehyde	—	—	—
Paste, adhesive	—	—	442, 205
Paste, fish, meat and chicken	lb.	5, 233, 399	1, 807, 291
Paste, flavouring	"	46, 991	19, 431
Paste, tooth (see "Dentifrices")	—	—	—
Patterns and models, foundry and other, wood and metal	—	—	1, 789, 176
Patterns, paper	—	—	948, 802
Patterns, shoe	—	—	*
Peanut butter	lb.	10, 502, 946	1, 900, 624
Peanuts, roasted and salted (for sale)	"	19, 993, 469	6, 995, 212
Peas, split	"	3, 642, 946	293, 231
Peavies, cant hooks and pike poles	—	—	352, 294
Pectin, (see also "Apple juice concentrate")	—	—	*
Pencils, ordinary lead	gr.	556, 851	1, 819, 030
Pencils, adjustable lead	—	13, 806	1, 459, 176
Penicillin	units	872,640,275,000	6, 030, 987
Pennants	—	—	58, 297
Pens, fountain	doz.	252, 920	5, 896, 102
Pen parts, pen holders and nibs	—	—	282, 836
Pentastol acetate	—	—	*
Perchloroethylene	—	—	—
Perfumes	—	—	1, 726, 276
Periodicals, printed by publishers—			
Newspapers, daily—			
Gross revenue from advertising	—	—	39, 364, 659
Subscriptions and sales	—	—	21, 746, 974
Newspapers, weekly and other—			
Gross revenue from advertising	—	—	8, 234, 724
Subscriptions and sales	—	—	6, 440, 087
Magazines and other bound periodicals—			
Gross revenue from advertising	—	—	8, 677, 590
Subscriptions and sales	—	—	4, 615, 715
Phenol	—	—	—
Phenothiazine	—	—	*
Phonograph records	—	—	*
Phonographs, electrically operated	No.	26, 037	654, 663
Phosphorous	—	—	—
Photo-engraving	—	—	5, 315, 705
Photographic materials, not elsewhere specified (including photo paper)	—	—	1, 872, 647
Photography (commercial)	—	—	415, 532
Phthalic anhydride	—	—	*
Pianos—			
Grand	No.	37	22, 109
Upright	"	3, 417	908, 379
Pianos in process of manufacture	"	1, 148	84, 562
Piano strings and other parts	—	—	79, 029
Picketts	M	16, 211	366, 909
Pickles, relishes and sauces (see also "Tomato catsup")	—	—	6, 550, 634
Pictures, framed	—	—	501, 489
Picture and mirror frames	—	—	669, 741
Pies, cakes and pastry	—	—	50, 823, 914
Pies, meat	—	—	521, 107
Piling, sheet	—	—	*
Pillow cases, bureau runners, scarves, etc.	—	—	836, 289
Pillows	—	—	1, 271, 870
Pins, plain and hair pins	—	—	942, 525
Pipe and fittings, brass, bronze and copper	ton	327	109, 914
Pipe and fittings, cast iron, soil	"	25, 156	2, 828, 288
Pipe and fittings, cast iron, other	—	—	6, 614, 585
Pipe, lead	lb.	10, 051, 620	899, 950
Pipe and fittings, malleable iron	—	—	3, 877, 051
Pipe, sewer, clay	—	—	1, 702, 428
Pipe, sewer and culvert, cement	—	—	2, 089, 717
Pipe, culvert, n.e.s.	—	—	1, 655, 808
Pipe, steel, rivetted and welded	ton	5, 051	529, 409
Pipe and fittings, steel, n.e.s.	—	—	12, 790, 883
Pipe and tubing, copper	lb.	4, 701, 382	1, 138, 266

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Pipes, furnace and stove.....	—	—	1,464,451
Pipes, wooden.....	—	—	*
Pipes, wrought iron and fittings.....	—	—	599,939
Pipes, other.....	—	—	31,243
Pipes, tobacco.....	—	—	213,777
Pipe mouth-pieces.....	—	—	*
Pipe (tobacco) cleaners.....	—	—	*
Piston rings, automobile.....	No.	23,256,674	2,609,565
Pistons, automobile, and piston ring expanders.....	—	—	1,064,682
Pitch.....	ton	85,018	1,511,706
Planers, metal-working.....	—	—	*
Planing, custom.....	M. ft. b.m.	596,803	2,730,247
Planters, corn.....	—	—	*
Planters, potato.....	No.	384	61,443
Plastics, moulded (see "Synthetics").....	—	—	—
Plate and tank work, steel, miscellaneous.....	—	—	4,511,480
Plates, sheets and strips, brass, copper, etc.....	lb.	19,713,049	4,209,145
Plates, brass, engraved.....	—	—	36,760
Plates, flats, iron and steel.....	—	—	9,480,384
Plates, metal, license, name, etc.....	—	—	822,204
Plates and spoons, paper.....	M	65,940	194,050
Plating and galvanizing salts.....	lb.	565,163	54,202
Platinum, refined, and other platinum products.....	—	—	935,642
Play ground, track and field equipment.....	—	—	49,349
Play yards.....	—	—	77,484
Ploughs and parts.....	—	—	4,865,779
Ploughs, snow.....	—	—	596,890
Plugs, wooden.....	—	—	112,758
Plumbers' supplies, not elsewhere specified (brass, copper, etc.)..	—	—	6,162,456
Plywood.....	M sq. ft.	325,355	19,044,015
Poison, gopher and rat.....	—	—	202,151
Polish, furniture.....	—	—	413,218
Polish, metal.....	—	—	157,737
Polish, shoe.....	—	—	874,005
Polish, stove.....	—	—	72,900
Polishes and waxes, floor.....	—	—	5,865,881
Polishes and dressings, automobile.....	—	—	176,794
Polishes and dressings, leather.....	—	—	38,585
Polishes and dressings, not specified.....	—	—	68,498
Polishers, floor, electric and other.....	—	—	249,392
Polishing mitts and cloths.....	—	—	18,046
Popcorn.....	lb.	3,289,894	1,290,322
Polymer feed stocks.....	—	—	*
Post-cards, printed.....	—	—	506,312
Posts, steel.....	ton	3,310	259,684
Posts, other.....	—	—	23,311
Potassium chlorate.....	—	—	*
Potato chips (factory made).....	lb.	2,407,368	925,187
Pot holders.....	—	—	9,906
Pot scourers.....	—	—	442,727
Pottery, glazed and unglazed.....	—	—	1,195,478
Pottery from imported clay.....	—	—	*
Poultry, canned (see "Meats canned").....	—	—	—
Poultry, sold fresh.....	lb.	19,921,191	6,481,910
Powder, baking.....	"	12,368,000	2,236,175
Powder, buttermilk.....	"	4,594,560	403,517
Powder, cream.....	"	15,820	7,668
Powder, custard.....	"	1,993,522	456,465
Powder, egg.....	"	9,508,682	9,969,039
Powder, ice cream.....	"	370,198	166,654
Powder, jelly.....	"	4,847,022	1,255,483
Powder, lactogen.....	"	797,213	451,496
Powder, whole milk.....	"	14,057,299	5,214,705
Powder, evaporated milk.....	"	856,580	61,565
Powder, malted milk.....	"	1,261,502	383,223
Powder, skim milk.....	"	42,176,265	4,877,287
Powder, protein.....	"	—	—
Powder, pudding.....	"	5,986,068	1,352,294
Powders, edible, not specified.....	"	1,644,211	765,178
Powder, bronze and aluminium.....	"	2,976,463	1,187,862
Powder, sachet.....	—	—	105,127
Powder, talcum and face.....	—	—	2,452,051

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Press cloths.....	—	—	25,053
Presses, tennis and badminton racquet.....	No.	43,358	18,858
Presses, hydraulic, and other power.....	—	—	1,400,410
Printing—			
Circular letters.....	—	—	814,971
General, for trade.....	—	—	382,373
Custom printing (paper supplied by customer).....	—	—	1,664,192
Private and personal.....	—	—	1,108,122
Blue prints and photostats.....	—	—	938,122
Periodicals printed for publishers.....	—	—	11,644,229
Other printed matter: menus, statements, bank notes, programmes, etc. (See also "Advertising matter").....	—	—	8,070,571
Printing and painting on textile fabrics.....	—	—	2,134,727
Propane.....	gal.	3,291,464	248,489
Propellers and shafts.....	—	—	*
Publications, subscriptions and sales (see "Printing" and "Periodicals")			
Puddings.....	—	—	138,765
Puffs, powder.....	—	—	325,558
Pulleys, wood.....	—	—	184,561
Pulpers and slicers.....	—	—	*
Pulp, fruit (see "Fruit pulp")			
Pulpstones, artificial.....	—	—	*
Pulpwood.....	cord	651,233	13,979,926
Pulp chips.....	units	85,785	430,613
Pulp, wood—			
Ground wood—			
Quantity made.....	s. ton	3,997,848	
Quantity sold.....	"	285,524	13,902,020
Sulphate—			
Quantity made.....	"	562,233	
Quantity sold.....	"	243,975	19,667,340
Sulphite, bleached—			
Quantity made.....	"	616,797	
Quantity sold.....	"	556,125	54,142,173
Sulphite, unbleached—			
Quantity made.....	"	1,213,220	
Quantity sold.....	"	512,824	39,334,988
Screenings—			
Quantity made.....	"	135,153	
Quantity sold.....	"	65,688	1,437,246
Other—			
Quantity made.....	"	90,159	
Quantity sold.....	"	29,307	2,258,491
Pumps, centrifugal.....	—	—	2,934,141
Pumps, hand.....	No.	19,533	388,147
Pumps, steam.....	"	2,022	613,769
Pumps, other power.....	—	—	450,866
Pumps, pumping systems for country homes.....	—	—	1,659,589
Pumps, gasoline handling.....	—	—	2,566,472
Pumps, not specified, and pump parts.....	—	—	2,397,781
Punching machines.....	—	—	*
Purses, pocket-books and folders.....	No.	2,789,192	1,404,927
Putty and fillers, n.e.s.....	lb.	12,156,658	521,689
Pyjamas—			
Cotton and flannelette.....	doz.	305,085	4,438,596
Silk and artificial silk mixtures.....	"	25,839	696,236
Not specified.....	"	16,367	331,055
Pyrometers.....	—	—	*
Pyrotechnics and fireworks.....	—	—	*
Quilted goods.....	—	—	364,266
Racquets, tennis, badminton and squash.....	No.	64,132	243,693
Radar equipment (see Radio communication equipment)			
Radiators, automobile.....	—	—	2,349,745
Radiator and boiler compounds.....	—	—	270,023
Radiators, heating, concealed type.....	sq. ft.	2,182,306	795,995
Radiators, heating, standing type.....	"	7,465,692	2,639,539
Radiators, not specified.....	—	—	232,573

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Radio communication equipment.....	—	—	6,750,778
Radio sets, tubes and accessories.....	—	—	26,037,496
Rail anchors.....	—	—	*
Rails, iron or steel—			
Quantity made.....	net ton	206,374	
Quantity sold.....	"	210,020	10,716,361
Railway frogs, switches and other track equipment.....	—	—	4,698,651
Railway car and coach fittings, bearings, etc.....	—	—	*
Railway equipment n.e.s.....	—	—	690,621
Rakes, hand.....	—	—	144,579
Razor blades.....	—	—	*
Razors, safety, electric and other, and parts.....	—	—	2,219,935
Razor straps.....	—	—	*
Reapers.....	—	—	*
Recorders, time.....	No.	3,551	307,913
Record players—electrically operated.....	—	98,053	1,337,261
Rectifiers for storage battery charging, and parts.....	—	—	286,086
Reels, wire rope.....	—	—	*
Refractories—			
Cement, high temperature.....	lb.	8,533,325	336,407
Firebrick from domestic clay.....	—	—	428,279
Firebrick from imported clay.....	ton	23,645	875,025
Other.....	—	—	1,503,667
Refrigerators—			
Electric.....	No.	48,897	8,421,592
Electric, condensing units.....	—	—	1,172,396
Other.....	—	—	2,785,842
Refrigerator parts, not specified.....	—	—	241,149
Regalia, all kinds.....	—	—	*
Registers, cash.....	—	—	*
Registers and grills, air.....	—	—	495,558
Regulators, not specified.....	—	—	*
Remedies, stock and poultry.....	—	—	1,475,750
Rennet extract.....	—	—	154,913
Repair gums and fabrics.....	lb.	405,167	333,882
Repair kits.....	No.	415,384	46,923
Repair patches, tire and tube.....	"	3,460,256	626,239
Resin film and resin film products.....	—	—	*
Ribbons.....	—	—	*
Rice, cleaned, etc.....	—	—	*
Rifles.....	—	—	*
Rings, fruit jar, rubber.....	lb.	790,942	447,826
Rings, fruit jar, zinc.....	—	—	*
Robes, carriage and automobile.....	—	—	26,718
Rockwool.....	—	—	4,159,933
Rods and bars, bronze, and brass.....	lb.	12,623,553	2,186,348
Rods, copper wire.....	"	122,387,244	15,916,489
Rods, iron and steel, wire—			
Quantity made.....	net ton	210,548	
Quantity sold.....	"	82,006	3,670,356
Roll covering, rubber.....	lb.	106,031	204,694
Rollers, land and land packers.....	No.	2,336	124,449
Rollers, printers.....	lb.	615,220	345,765
Rolls, rubber covered.....	No.	315,335	468,951
Rolls, bending and straightening (metal-working).....	—	—	*
Roofing preparations, n.e.s.....	—	—	620,258
Rope—			
Manilla.....	lb.	2,095,623	450,596
Sisal.....	"	15,554,508	2,635,976
Jute and hemp.....	"	443,621	145,624
All other.....	"	216,223	124,905
Rubber, reclaimed.....	—	—	*
Rubber and rubber goods, hard.....	lb.	336,869	233,728
Rubber coverings, linings, etc.....	—	291,272	360,246
Rubber goods, moulded.....	"	1,483,433	975,546
Rubber goods, plumbers.....	—	—	385,439
Rubber goods, sanitary, not elsewhere specified.....	doz.	956,889	277,022
Rubber goods, soft and sponge.....	lb.	497,962	300,050
Rubber automotive and aeroplane parts.....	"	2,270,348	898,658
Rubber goods, not specified.....	—	—	1,046,877
Rubber thread.....	lb.	920,709	889,553
Rubber, synthetic.....	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Rugs, automobile.....	No.	69,590	287,911
Rules, steel.....	—	—	*
Rules, wooden.....	—	—	219,783
Ruling (printing plants).....	—	—	389,046
Rust preventives and removers.....	—	—	93,701
Saddles.....	No.	2,262	70,062
Saddle parts.....	—	—	22,175
Safes, vaults and fittings.....	—	—	1,375,944
Sails.....	—	—	66,669
Salt.....	—	—	4,480,839
Salt, curing.....	lb.	1,699,504	195,206
Sanders, (wood-working).....	No.	12	28,732
Sandwich relish and spread.....	lb.	2,232,270	750,343
Sanitary ware.....	—	—	5,873,057
Sash, doors and millwork.....	—	—	31,341,439
Sash, steel, brass, etc.....	—	—	1,317,401
Satin white.....	—	—	*
Sauces, catsups and relishes (see "Tomato catsup" and "Pickles, sauces, etc.").....	—	—	*
Sauerkraut—			
Canned.....	lb.	3,534,892	192,176
Other.....	"	958,564	62,108
Sausage casings.....	—	—	3,768,676
Sausage, fresh or cured.....	lb.	124,992,807	26,997,135
Sawdust and waste, sold.....	—	—	1,293,790
Sawing, lumber, custom.....	—	—	283,451
Saws, all kinds.....	—	—	5,304,344
Saw parts and saw benches.....	—	—	1,746,589
Scales.....	No.	19,699	2,225,618
Scarves.....	doz.	272,971	3,466,639
School supplies, not specified.....	—	—	89,922
Scientific equipment, not specified.....	—	—	917,166
Scissors and shears.....	—	—	*
Scrap, aluminum.....	lb.	2,904,140	341,374
Scrap, brass, bronze and copper.....	"	2,503,026	201,352
Scrap, iron and steel.....	ton	9,191	129,437
Screenings, barley, etc.....	—	—	827,413
Screens, door and window.....	—	—	118,104
Screen, industrial.....	—	—	199,460
Screws and screw machine products.....	—	—	7,593,884
Scufflers.....	No.	20,860	275,971
Scythes and snaths.....	—	—	167,369
Seals.....	—	—	199,522
Seasoning, dry and liquid.....	—	—	579,085
Seed boxes for one-way discs, etc.....	No.	4,569	250,086
Shades, window, shade cloth, and fittings—			
Ordinary shades and blinds.....	—	—	1,460,461
Venetian blinds.....	—	—	2,281,438
Shade cloth, rollers, etc.....	—	—	491,346
Shanks, shoe.....	—	—	238,212
Shapers, wood-working.....	No.	271	32,778
Shapers, metal-working.....	"	187	239,782
Sharpeners, pencil.....	—	—	*
Sharpening stones and files.....	—	—	*
Shawls.....	—	—	*
Shearing machines, metal-working.....	—	—	120,143
Sheet forms, commercial, etc., printed.....	—	—	19,365,778
Sheets and sheeting, cotton.....	—	—	3,594,119
Sheets, crib, rubber and rubberized.....	doz.	25,899	111,813
Sheets, rubber, other.....	—	—	9,223
Sheeting, rubber, all kinds.....	sq. yd.	120,925	73,332
Sheet ironware, not elsewhere specified.....	—	—	*
Sheet metal building materials, not elsewhere specified.....	—	—	1,155,075
Sheet metal products, n.e.s.....	—	—	1,230,979
Sheets, aluminum.....	—	—	—
Sheets, iron and steel.....	—	—	17,786,185
Sheets, tin mill, black plate, galvanized, etc.....	—	—	8,081,291
Sheets, n.e.s. (corrugated only).....	—	—	804,255
Shields, dress.....	—	—	202,950
Shims, railroad and other.....	—	—	176,261
Shingle bands.....	—	—	76,604

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Shingles, asbestos.....	—	—	*
Shingles, wooden.....	sqs.	2,646,313	14,514,489
Shipbuilding and repairs.....	—	—	101,150,554
Shirts, fine—			
Cotton.....	doz.	637,862	10,090,942
Silk and artificial silk.....	"	2,276	50,440
Shirts, dress.....	"	1,611	40,181
Shirts, work—			
Cotton.....	"	395,195	4,703,132
Wool.....	"	59,800	1,165,546
Shirts, not specified.....	"	30,809	570,036
Shirts, sport, men's and, youths'.....	"	143,401	3,467,361
Shirts and blouses, boys.....	"	10,175	149,120
Shock absorbers, automobile.....	No.	512,856	1,131,954
Shoddy, mungo and wool extract.....	lb.	5,503,109	1,026,629
Shoe trimmings.....	—	—	177,981
Shoe uppers and tops.....	pr.	118,551	97,840
Shoos, box.....	M.ft.b.m.	157,261	12,458,385
Shortening—			
Containing animal fat and marine oil.....	lb.	84,678,552	12,352,031
Wholly vegetable.....	"	23,301,973	3,418,362
Shortening substitute.....	—	—	*
Shorts and middlings.....	ton	516,444	13,723,775
Shovels, hand.....	—	—	59,207
Shovels, power.....	—	—	*
Shuttlecocks, badminton.....	—	—	*
Signal systems (traffic, fire alarm, etc.).....	—	—	370,035
Signs, electric, gas, neon and other luminous.....	—	—	1,014,935
Signs, metal, etc.....	—	—	2,076,310
Silicon carbide.....	—	—	*
Silicon metal.....	ton	862	215,634
Silico manganese, silico spiegel, etc. (see "Ferro-alloys").....			
Silk broad—			
Silk mixtures.....	yd.	33,098	73,176
Artificial silk, continuous filament.....	"	53,662,925	29,144,408
Spun rayon and mixtures.....	"	18,442,510	8,614,666
Other artificial silk and mixtures, continuous filament.....	"	6,056,241	4,720,036
Woven silk goods, not specified.....	"	750,899	428,190
Silk and artificial silk knitted goods, n.e.s.....	—	—	3,061,719
Silos.....	—	—	29,851
Silver alloys.....	—	—	214,547
Silver, fine.....	—	—	1,418,178
Silver, sterling, melted, rolled, etc.....	—	—	2,628,703
Size.....	lb.	14,012,682	758,716
Skates.....	pr.	605,567	872,805
Skewers.....	—	—	*
Skis.....	pr.	162,903	449,513
Ski poles and fittings.....	—	—	606,746
Skins, calf.....	No.	653,595	2,027,114
Skins, sheep.....	"	1,325,745	1,925,739
Skins, pickled.....	doz.	104,783	924,350
Skins, raw and dressed.....	—	—	2,606,074
Skips and cages.....	No.	14	81,475
Skirts—			
Cotton.....	"	166,556	204,158
Artificial silk and mixtures.....	"	655,455	1,446,484
Woollen.....	"	788,106	2,234,879
Other.....	"	28,699	86,761
Slabs and edgings.....	cord	873,434	2,648,771
Sleeve protectors.....	—	—	*
Sleighs, horse-drawn, etc.....	—	—	522,076
Sleighs, baby.....	No.	24,465	56,081
Sleighs, children's.....	"	221,229	353,475
Sleighs, dog.....	—	—	12,581
Slicers, meat and bread.....	—	—	*
Slippers, cloth, carpet, etc.—			
Babies.....	pr.	75,954	45,841
Boys' and youths'.....	"	241,289	184,215
Misses' and children's.....	"	1,105,726	826,915
Men's.....	"	1,178,177	2,007,610
Little gents'.....	"	18,124	18,402

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Slippers, cloth, carpet, etc.— <i>Concluded</i>			
Women's and growing girls'.....	pr.	4,111,340	4,987,050
Not specified.....	—	—	156,677
Sliver, roving, etc.....	lb.	475,005	146,119
Smelter and refinery products.....	—	—	304,718,524
Smocks, women's.....	doz.	13,411	316,026
Smoke breeching.....	—	—	70,328
Smoker sets.....	—	—	223,253
Smokestacks, steel.....	—	—	67,666
Snowmobiles and parts.....	—	—	*
Snow removing equipment.....	—	—	*
Snow shoes.....	—	—	*
Soap—			
Household, laundry, and chips.....	lb.	43,861,078	4,829,898
Liquid, not specified.....	—	4,646,331	514,461
Polishing or scouring.....	—	275,009	27,771
Powder.....	—	80,616,077	8,018,713
Soft.....	—	2,814,590	216,307
Textile and mill.....	—	4,308,159	434,902
Toilet, bars and liquid.....	—	49,840,264	7,658,667
Shaving, including shaving cream.....	—	1,582,580	1,596,897
Hard, all other.....	—	48,198,199	3,876,127
Soap, not specified.....	—	4,364,295	413,013
Soap stock.....	—	1,572,000	83,803
Sodium azide.....	—	—	*
Sodium carbonate.....	—	—	*
Sodium chlorate.....	—	—	2,166,172
Sodium hydroxide.....	lb.	96,665,575	*
Sodium hypochlorite.....	—	—	*
Sodium metabisulphite.....	—	—	*
Sodium metasilicate.....	—	—	*
Sodium phosphate, disodium and trisodium.....	lb.	10,825,980	482,720
Sodium pyrophosphate.....	—	—	*
Sodium silicate.....	—	—	*
Sodium sulphate.....	—	—	*
Sodium thiosulphite.....	—	—	*
Solder.....	lb.	7,475,951	2,102,508
Soling, rubber—			
Rubber and composition soles.....	pr.	3,250,357	695,650
Rubber and composition half-soles.....	—	1,099,960	182,358
Soling and slabs for heels.....	lb.	2,027,171	463,763
Soles and heel lifts, not elsewhere specified.....	—	—	615,519
Soles, felt, and other (insoles).....	—	—	415,100
Soup, canned.....	lb.	204,668,761	25,092,969
Soup, dehydrated.....	—	347,885	350,136
Soup mixtures.....	—	3,149,350	1,777,493
Soya bean products, n.e.s.....	—	—	*
Spades and shovels.....	No.	939,880	742,976
Spark plugs.....	—	18,324,723	4,701,498
Speed reducer units.....	—	—	876,335
Spice compound.....	lb.	1,130,187	261,390
Spices, mixed, whole or ground.....	—	—	1,466,133
Spikes, railway.....	—	—	835,376
Spikes, ship and drift.....	ton	298	33,027
Spinning and weaving, custom.....	—	—	1,160,208
Spinning wheels.....	No.	2,930	20,478
Spinnings, metal, etc.....	—	—	*
Spirits, produced during the year but placed in bond for maturing—			
Whiskey, rye type.....	pr. gal.	3,485,575	2,315,594
Whiskey, scotch type.....	—	2,004,957	1,217,186
Whiskey, other.....	—	4,034,047	2,356,372
Gin.....	—	1,464,915	1,388,343
Brandy and rum.....	—	30,483	57,379
Other beverage spirits.....	—	5,324,332	2,951,994
Spirits, beverage, net sales—			
Whiskey, scotch type.....	—	1,075,213	5,821,290
Whiskey, rye type.....	—	6,916,948	42,009,006
Whiskey, other types.....	—	85,489	400,735
Gin.....	—	1,648,139	8,252,553
Brandy and rum.....	—	170,473	1,193,545
Liqueurs, cordials and cocktails.....	—	38,678	378,169
Other beverage spirits.....	—	1,190,269	1,077,248

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Spools, bobbins and shuttles.....	—	—	1,366,245
Spool wood.....	—	—	*
Sport gloves and mitts.....	—	—	149,560
Sporting goods, not specified.....	—	—	508,230
Sprayers, hand.....	No.	6,973	95,102
Sprayers, power.....	"	494	190,648
Sprayers, not specified.....	—	—	*
Springs, automobile.....	—	—	4,979,194
Springs, bed and upholstering—			
Box.....	—	—	997,426
Coil.....	No.	1,811	15,455
Cable.....	"	177,349	1,165,849
Link.....	—	112,704	877,137
Slat.....	"	193,251	1,624,401
Bed and upholstering, not specified.....	—	—	699,841
Springs for cars and locomotives.....	—	—	1,013,897
Springs, steel wire.....	—	—	*
Springs, other.....	—	—	1,785,585
Squares, hardwood.....	M ft. B.M.	30,701	2,574,402
Stabilizers, ice cream, etc.....	—	—	*
Stains.....	imp. gal.	539,702	982,024
Stampings, metal, not specified.....	—	—	4,380,571
Stamps, rubber.....	—	—	541,940
Stamps, not specified.....	—	—	244,673
Stamps, postage, revenue, etc.....	—	—	753,041
Staples, wire.....	keg	33,607	174,222
Starch, corn, edible.....	—	—	*
Starch, corn, laundry.....	—	—	*
Starch and flour, potato.....	ton	2,326	325,644
Starch, wheat.....	—	—	*
Starch, paper mill, etc.....	—	—	*
Starch, blended.....	—	—	*
Starches—n.e.s.....	—	—	45,116
Stationery goods, not specified.....	—	—	394,823
Statues and art goods.....	—	—	982,941
Staves, barrel.....	M	70,896	1,722,435
Steam traps, etc.....	—	—	330,430
Stearine.....	lb.	744,408	79,346
Steel shapes erected—			
Bridges.....	ton	6,437	1,206,307
Buildings.....	"	95,733	16,582,799
Transmission towers.....	"	11,477	2,062,852
Steel shapes, structural, unfabricated, etc.—			
Quantity made.....	"	131,894	7,697,043
Quantity sold.....	"	131,900	8,234,375
Steel shapes, structural, plain material.....	—	—	*
Steel shapes, structural, fabricated.....	—	—	*
Steel, miscellaneous.....	—	—	4,055,123
Steel wool.....	—	—	*
Stellite.....	—	—	657,686
Stencils, paper (office machine).....	—	—	*
Stencils.....	—	—	49,257
Stockinette (See "Knitted fabric").....	—	—	—
Stocking dryers.....	—	—	19,009
Stokers, mechanical.....	—	—	1,355,420
Stoker parts.....	—	—	657,811
Stone, artificial.....	—	—	*
Store fixtures, not specified.....	—	—	24,846
Stoves—			
Coal and wood.....	No.	271,298	7,905,031
Electric and combination coal and electric.....	"	67,191	6,032,867
Gas and combination coal and gas.....	—	—	3,038,691
Gasoline and oil.....	No.	26,002	1,559,924
Plates, stove and stove parts, etc.....	—	—	1,661,480
Straps, leather.....	doz.	357,284	719,204
Straws, drinking.....	M	734,463	240,609
Strings, racquet.....	—	—	*
Styrene.....	—	—	*
Sugar butter.....	lb.	1,402,412	204,132
Sugar, granulated—			
Beet.....	"	203,932,800	51,117,520
Cane.....	"	625,366,010	

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Sugar, brown or yellow.....	lb.	92,319,380	5,065,715
Sugar, grape.....	—	—	—
Sugar, invert.....	lb.	3,430,212	229,225
Sugar, loaf.....	"	11,849,560	926,265
Sugar, maple (factory made).....	—	—	*
Sugar of milk.....	lb.	486,952	121,579
Sugar, pulverized or icing.....	"	26,477,720	1,803,447
Suits—			
Men's and boys'—			
Boys', woollen.....	No.	318,883	2,716,108
Men's and youths', woollen.....	"	1,553,772	34,800,497
Other, men's and boys'.....	"	48,176	310,204
Sport, men's, youths' and boys'.....	"	15,962	64,691
Women's and misses'—			
Cotton.....	"	1,785	22,695
Silk and artificial silk.....	"	17,378	222,112
Woollen.....	"	599,426	10,737,196
Other, not specified.....	"	41,045	792,152
Children's, all kinds.....	"	1,969,344	1,439,800
Knitted, women's and children's.....	"	33,876	230,391
Sulphur monochloride.....	—	—	*
Superheaters.....	No.	611	1,071,820
Superphosphate.....	—	—	*
Surfacers, wood-wooking.....	—	—	*
Surgical and orthopaedic appliances, and surgical dressings—			
Surgical bandages and dressings.....	—	—	*
Surgical belts.....	doz.	7,916	781,903
Surgical stockings, elastic.....	"	6,551	141,885
Orthopaedic corsets.....	pr.	11,992	33,979
Artificial limbs.....	No.	1,183	197,214
Foot eazers, arch supports, knee caps, etc.....	pr.	8,729	22,334
Trusses.....	No.	113,873	202,096
Other surgical supports.....	—	—	659,269
Surgical and orthopaedic appliances, not specified.....	—	—	1,103,329
Suspenders, supporters, and garters.....	—	—	2,586,621
Swathers.....	No.	1,018	309,836
Sweaters, jackets, etc.....	doz.	937,996	16,898,876
Sweeping compounds.....	—	—	235,259
Swings, baby and other.....	—	—	*
Switch gear and protective equipment (except telephone switch-boards).....	—	—	5,549,539
Switches, enclosed safety type.....	—	—	1,195,280
Synthetic and plastic products, n.e.s.....	—	—	8,007,076
Syringes, fountain, and attachments.....	doz.	40,416	64,027
Syrup, corn.....	—	—	*
Syrup and fruit juices, fountain.....	—	—	1,777,630
Syrup, maple (factory made).....	—	—	*
Syrups, table.....	gal.	47,751	78,496
Syrups from cane, (not including molasses).....	—	—	649,761
Syrups for soft drinks (for sale).....	imp. gal.	1,660,512	2,963,335
Table cloths and napkins.....	—	—	587,975
Tableware, pottery.....	—	—	*
Tacks, cut and wire.....	—	—	754,384
Tags and labels, shipping.....	—	—	10,567,325
Tags and tickets, printed.....	—	—	1,734,220
Tags, not specified.....	—	—	105
Tailors' supplies, not elsewhere specified.....	—	—	3,105,404
Tallow.....	lb.	79,151,000	7,033,961
Tankage, animal, wet (See also, "Cracklings").....	"	22,525,572	506,448
Tanks, steel, storage, black, galvanized, etc.....	—	—	6,208,146
Tanks, pressure, other.....	—	—	403,285
Tanks, steel, pneumatic.....	—	—	443,548
Tanks, steel, septic.....	—	—	171,154
Tanks, other, not specified.....	—	—	1,509,620
Tanners' bate.....	—	—	*
Tape, rubber and friction.....	lb.	1,945,313	739,733
Tape, paper, gummed.....	"	14,431,557	2,003,873
Tape, telegraph.....	—	—	*
Tapes, fabric.....	—	—	867,923
Tapes, measuring, steel, etc.....	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Tapestries and other upholstering materials.....	yds.	2,483,566	2,977,329
Tapioca.....	—	—	*
Tar, coal and crude.....	imp. gal.	33,043,844	1,987,375
Tar, refined.....	—	5,234,788	562,172
Tar from petroleum refineries.....	lb.	2,200,800	92,214
Targets, clay.....	—	—	*
Tea, blended, etc.....	lb.	49,076,110	31,964,877
Telephone material.....	—	—	10,745,586
Tenoners and mortisers, wood-working.....	No.	11	11,905
Tents.....	—	—	633,062
Thermit.....	—	—	8,203
Thermometers, all kinds.....	—	—	*
Thickeners, mining and metallurgical.....	—	—	*
Thinners, pyroxylin.....	gal.	1,170,520	1,389,349
Thread, cotton.....	—	—	5,881,923
Thread, artificial silk, linen etc. (See also "Yarn and thread")..	—	—	142,770
Threading machines.....	—	—	53,777
Threshers and reaper-threshers, combined.....	No.	14,308	13,150,990
Ties, wooden.....	—	6,621,334	7,392,231
Tile, asphalt and other, n.s.....	—	—	*
Tile, drain (from domestic clay).....	M.	18,051	677,564
Tile, floor (from domestic clay).....	—	—	50,699
Tile, floor and wall (from imported clay).....	—	—	1,941,913
Tile, roofing, and hollow blocks.....	—	—	*
Tiling, rubber.....	—	—	4,728
Timbers, mine.....	—	—	119,666
Tin.....	lb.	193,824	4,844,225
Tinned plate and scrap.....	ton	57,078	*
Tinsel garlands and ribbons.....	—	—	662,719
Tinware, japanned or not.....	—	—	460,252
Tire braids, auto.....	ton	1,544	10,139,299
Tire fabrics.....	lb.	19,835,517	*
Tires and tubes—			
Balloon, casings.....	No.	3,100,604	58,044,507
High-pressure, casings.....	—	34,388	806,478
High pressure and balloon inner tubes.....	"	3,266,957	8,437,511
Bicycle tubes and tires.....	"	1,149,622	687,758
Aeroplane tires.....	"	—741	27,353
Aeroplane tubes.....	"	515	3,337
Motorcycle tires.....	"	11,264	87,511
Tires, implement and tractor, pneumatic.....	"	236,866	5,398,237
Tires, rubber, not specified.....	—	—	383,608
Tires, rebuilt.....	—	—	*
Tires, railway car.....	—	—	*
Tissues, cleansing.....	—	—	*
Toasters, electric.....	—	—	1,145,724
Tobacco—			
Chewing, cut and twist.....	lb.	217,015	319,983
Chewing, plug.....	"	2,383,533	3,300,599
Smoking, leaf.....	"	222,590	139,139
Smoking, cut.....	"	25,586,170	40,311,341
Smoking, plug.....	"	396,884	600,734
Smoking, twist.....	—	—	*
Snuff.....	lb.	958,040	1,999,881
Stems and cuttings.....	—	—	8,789
Tobacco, raw leaf, processed.....	lb.	86,684,588	37,834,249
Tobacco pouches.....	—	—	65,833
Toboggans.....	No.	39,299	111,653
Toilet preparations, not elsewhere specified—			
Bath salts and bath oils.....	—	—	453,706
Brilliantine, solid.....	—	—	16,334
Compacts and lipsticks.....	—	—	1,213,027
Creams, solid or liquid, all kinds.....	—	—	2,517,649
Shampoos and hair rinses.....	—	—	1,403,056
Bay rum, hair tonics, liquid brilliantine, etc.....	—	—	1,337,148
Toilet water and lotions.....	—	—	4,209,716
All other.....	—	—	4,598,609
Toiletware, celluloid and plastic.....	—	—	520,873
Toiletware, silver.....	—	—	492,425
Toluene.....	—	—	*
Tomato catsup, canned.....	lb.	6,049,165	587,661
Tomato catsup, other.....	"	18,811,472	2,961,477

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Tomato juice.....	lb.	155,791,956	8,352,164
Tomato paste and puree.....	"	36,479,044	3,939,184
Tomato pulp.....	"	9,094,773	470,110
Tools, carpenters' and mechanics', other than files.....	—	—	3,087,078
Tools, machine, n.e.s.....	—	—	3,005,586
Tools, small, cutting.....	—	—	1,598,905
Tools, not elsewhere specified.....	—	—	4,200,195
Toothpicks.....	—	—	*
Toppings, for ice cream and cake.....	—	—	734,270
Tow, green.....	lb.	9,564,488	706,409
Towels and towelling—			
Towelling.....	yd.	3,529,492	664,803
Bath mats and bath sets.....	—	—	442,702
Towels, all kinds.....	doz.	1,417,279	3,390,990
Face cloths.....	—	565,154	367,353
Towels, sanitary, all kinds.....	—	—	4,195,752
Towels, paper.....	cases	448,892	1,255,672
Toys—			
Metal.....	—	—	2,120,467
Wooden.....	—	—	1,665,088
Toy vehicles including doll carriages.....	—	—	630,665
Miscellaneous, not specified, including model aeroplanes.....	—	—	3,717,903
Tractors.....	—	—	539,933
Trade work, n.e.s. (printing plant).....	—	—	1,298,041
Transfers, paper, decalcomania.....	—	—	1,279,030
Transfers, paper, dry.....	—	—	101,345
Transformers.....	—	—	13,529,570
Transformer parts.....	—	—	225,875
Transmission towers, electric (see "Steel shapes").....	lb.	1,695,524	306,198
Traps and fittings, lead.....	—	—	*
Traps, mouse and rat.....	—	—	*
Traps, other.....	—	—	79,886
Trays, display and other.....	—	—	*
Trichlorethylene, refined.....	—	—	1,019,438
Trimnings, not specified.....	—	—	135,783
Trophies.....	—	—	715,973
Trucks, factory, and other hand trucks.....	—	—	382,586
Trucks and bodies, farm.....	—	—	788,354
Trucks, all kinds.....	No.	119,177	*
Tubes, collapsible.....	—	—	*
Tubes, vacuum, X-ray tubes.....	—	—	1,812,139
Tubing, brass, bronze, and aluminum.....	lb.	301,118	166,043
Tubing, rubber.....	—	—	4,390,248
Tubing, steel.....	lb.	433,048	478,140
Tubing and wristing, knitted.....	No.	17,091	146,805
Tubs, laundry, cement.....	—	—	2,136,183
Turbines and water wheels.....	—	—	*
Turpentine.....	—	—	*
Twine and cordage—			
Binder twine, all sisal and chiefly sisal.....	lb.	86,138,550	7,715,357
Other twine, all hemp and all flax.....	"	159,530	111,294
" twine, all jute.....	"	4,730,042	1,235,214
" twine, all sisal.....	"	2,750,231	514,826
" twine and cordage, not specified.....	—	—	2,809,925
Type and type metal.....	lb.	6,565,831	727,537
Typesetting (trade composition).....	—	—	2,311,090
Typewriter ribbons.....	—	—	647,474
Typewriters.....	No.	41,528	3,092,725
Typewriter supplies n.e.s.....	—	—	13,503
Umbrellas.....	doz.	21,172	805,369
Undertakers' supplies, not specified.....	—	—	287,674
Underwear—			
Cotton and cotton mixtures, separate, knitted—			
Fleece—Men's.....	doz.	75,341	576,589
Women's.....	"	32,851	197,443
Children's.....	"	82,684	372,036
Summer ribs—Men's.....	"	293,228	1,354,328
Women's.....	"	127,558	508,294
Children's.....	"	167,531	470,387

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value \$
<i>Underwear—Concluded</i>			
Cotton and cotton mixtures, separate, knitted— <i>Concluded</i>			
Winter ribs—Men's.....	doz.	116,730	1,240,763
Women's.....	"	152,573	707,130
Children's.....	"	194,396	659,389
Balbriggan—Men's.....	"	40,878	201,423
Women's.....	"	54,982	184,749
Children's.....	"	50,041	101,454
Cotton and cotton mixtures, combination, knitted—			
Fleece—Men's.....	"	91,814	1,296,327
Women's.....	"	683	8,196
Children's.....	"	48,622	425,570
Summer ribs—Men's.....	"	31,832	286,027
Women's.....	"	1,817	22,895
Children's.....	"	380	2,832
Winter ribs—Men's.....	"	87,019	1,406,443
Women's.....	"	5,878	66,457
Children's.....	"	44,395	338,211
Balbriggan—Men's.....	"	71,795	602,657
Women's.....	"	75	900
Children's.....	"	20,718	89,324
Silk, artificial silk and mixtures, knitted—			
Combination, Men's.....	"	2,850	35,181
Women's.....	"	69	449
Separate, Men's.....	"	6,302	41,226
Women's.....	"	419,000	2,223,313
Children's.....	"	21,645	95,904
Not specified.....	"	770	5,669
All wool, combination, knitted—			
Men's.....	"	28,072	865,574
Women's and children's.....	"	562	17,304
Wool mixtures, combination, knitted—			
Men's.....	"	52,672	1,364,970
Women's and children's.....	"	37,237	594,925
All wool, separate, knitted—			
Men's.....	"	24,253	484,758
Women's.....	"	7,712	72,991
Children's.....	"	1,233	24,986
Wool mixtures, separate, knitted—			
Men's.....	"	26,040	354,514
Women's.....	"	48,057	398,396
Children's.....	"	42,098	321,844
Knitted, not specified—			
Men's and youths'.....	"	1,312	18,515
Women's and misses'.....	"	271,728	1,058,668
Children's.....	"	142,912	394,166
Shorts, woven and flat.....	"	165,477	971,566
Woven, not specified—			
Women's and misses'.....	"	435,536	2,171,682
Children's.....	"	67,731	167,977
Not specified.....	"	2,232	22,074
Underslips—			
Artificial silk.....	"	284,640	3,376,488
Artificial silk and mixtures.....	"	140,576	1,845,757
Cotton.....	"	32,492	176,705
Not specified.....	"	123,596	1,757,105
Uniforms, woollen.....	No.	175,065	2,953,171
Cotton, nurses' and maids', etc.....	—	—	1,197,862
Upholstering materials, (See tapestries)			
Valves, brass and bronze.....	—	—	3,341,701
Valves, iron.....	—	—	2,313,691
Valves, tire.....	—	—	1,273,688
Valves, not specified.....	—	—	1,001,902
Varnishes.....	—	—	7,099,597
Vaults, burial, cement and other.....	—	—	*
Vegetables, canned—			
Asparagus.....	lb.	1,752,500	280,135
Beans, baked.....	"	32,065,460	2,288,194
Beans, green or wax.....	"	44,753,252	3,818,840
Beans, lima.....	"	1,198,578	101,561

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Vegetables, canned— <i>Concluded</i>			
Beets.....	lb.	18,499,207	1,217,180
Carrots.....	"	11,057,076	662,568
Carrots and peas.....	"	5,801,388	527,797
Corn, cream of, whole grain, etc.....	"	52,856,954	4,591,866
Mushrooms.....	"	103,516	49,497
Peas.....	"	127,916,549	10,117,670
Pumpkin.....	"	10,643,078	562,079
Spinach.....	"	1,646,751	140,487
Tomatoes.....	"	86,528,598	5,550,116
Vegetables mixed.....	"	7,809,360	600,919
Vegetables, other.....	"	7,739,115	669,199
Vegetables, evaporated and dehydrated.....	"	3,560,068	1,555,908
Vegetables, in brine.....	"	4,760,204	355,846
Vegetables, frozen or cold pack.....	"	4,756,967	666,108
Vegetable juices, canned.....	—	—	*
Vegetable peelers and slicers.....	No.	1,999	123,524
Vehicles, children's.....	—	—	2,514,623
Veils and veiling.....	—	—	508,039
Velvets.....	—	—	*
Veneer.....	M sq. ft.	228,247	5,402,410
Veneer logs.....	M ft. b.m.	22,087	739,132
Ventilators.....	—	—	897,728
Vests, woollen.....	No.	16,505	51,098
Vests, other.....	—	—	95,407
Vinegar—			
Spirit.....	gal.	4,565,602	1,958,635
Cider.....	"	289,065	84,313
Malt.....	"	512,274	255,588
Waffle irons.....	—	—	*
Wagons (see "Carriages and wagons")			
Wall board, gypsum.....	sq. ft.	203,361,505	5,502,593
Wall plaster, gypsum.....	—	—	1,245,114
Wall plaster, other.....	lb.	2,568,696	192,926
Wardrobes, wall board.....	—	—	*
Washboards.....	No.	209,582	68,531
Washers, leather.....	doz.	2,201,044	128,520
Washers and gaskets, iron, steel, etc.....	—	—	782,055
Washing compounds.....	—	—	558,073
Waste, cotton, wool and jute.....	—	—	4,233,887
Waste, wood.....	ton	87,413	286,237
Waste, other, not specified.....	—	—	313,438
Watches.....	No.	462,755	700,107
Watch cases.....	"	354,582	473,204
Water, aerated.....	imp. gal.	55,732,936	37,060,154
Water, distilled.....	"	—	24,300
Water, mineral, natural.....	—	594,477	124,970
Waterproofing preparations.....	—	—	*
Wax and wax compounds, all kinds.....	—	—	2,263,255
Wax, sealing.....	—	—	*
Weatherstrip.....	—	—	260,744
Weaving, custom.....	—	—	1,128,450
Webbing, elastic and non-elastic.....	—	—	1,117,009
Webbing, not specified.....	—	—	*
Weeders.....	No.	1,532	126,113
Weed killer.....	—	—	628,454
Welding apparatus with control equipment and accessories.....	—	—	1,679,041
Welding compounds and fluxes.....	—	—	43,646
Welding rods and welding wires.....	—	—	992,546
Welting.....	yd.	13,332,278	763,340
Wheat germ products.....	—	—	*
Wheelbarrows and parts.....	—	—	427,856
Wheels, automobile.....	—	—	*
Wheels, railway car.....	—	—	4,269,010
Wheels, not specified.....	No.	31,478	168,228
Whey.....	—	—	36,028
Whips.....	No.	62,020	10,839
Whiskies (see "Spirits")			
Whisks.....	doz.	28,580	72,190

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Windmills.....	—	—	*
Wine, sold during the year.....	gal.	4,937,143	9,621,528
Wine, produced and placed in storage for maturing.....	"	5,533,481	3,549,963
Wine, not specified.....	—	—	68,132
Wine spirits.....	gal.	16,271	27,645
Wiping cloths and rags, washed and sterilized.....	lb.	11,944,826	2,209,673
Wiping cloths and rags, other.....	—	—	706,967
Wire, barbed—			
Quantity made.....	ton	8,895	—
Quantity sold.....	"	8,968	850,512
Wire, cold rolled, flat, all sizes—			
Quantity made.....	"	6,317	—
Quantity sold.....	"	3,699	551,908
Wire, galvanized—			
Quantity made.....	ton	49,325	—
Quantity sold.....	"	20,056	2,011,727
Wire, drawn from rods—			
Quantity made.....	"	184,392	—
Quantity sold.....	"	47,792	4,344,673
Wire, iron and steel, other, coated—			
Quantity made.....	"	2,563	—
Quantity sold.....	"	2,334	226,878
Wire, strand, twisted—			
Quantity made.....	"	1,738	—
Quantity sold.....	"	2,115	434,915
Wire and cables, electrical.....	—	—	39,975,028
Wire rope and cable, not specified—			
Quantity made.....	ton	13,501	—
Quantity sold.....	"	15,417	7,219,582
Wire, brass and copper.....	—	—	*
Wire, gold filled, and alloys.....	—	—	*
Wire, not specified.....	—	—	293,147
Wire cloth, brass and bronze.....	sq. ft.	4,079,918	2,885,732
Wire cloth, iron and steel, including screen cloth.....	—	—	1,875,022
Wire cloth, monel metal.....	—	—	*
Wire mesh, steel, woven, welded, etc.....	—	—	741,241
Wire goods, not specified.....	—	—	2,140,611
Wiring devices, not elsewhere specified.....	—	—	6,903,029
Wooden products, not specified.....	—	—	2,220,262
Wood flour.....	ton	2,718	69,847
Woodenware, kitchen.....	—	—	135,810
Woodenware, not specified.....	—	—	271,142
Wood preservation.....	—	—	*
Wood turning, not specified.....	—	—	687,637
Woodwork, sanitary and other.....	—	—	431,350
Wool, raw and unmanufactured.....	lb.	12,894,475	5,919,634
Woollen cloth, woven—			
All wool, woollen.....	yd.	16,213,725	28,092,553
All wool, worsted.....	"	5,732,394	12,571,828
Woollen and worsted, mixed.....	"	1,345,342	2,534,092
Cotton warp, worsted.....	"	37,861	73,049
Cotton warp, woollen.....	"	1,216,706	913,481
Other woollen and mixtures.....	"	3,294,548	4,557,002
Woven goods, not specified.....	—	—	2,433,993
Wrappers, waxed (see "Paper, waxed").....	—	—	—
Wrappers, paper, other than waxed.....	—	—	640,159
Wrappers, printed.....	—	—	1,729,420
Wringers, clothes.....	No.	80,969	590,834
Xylenols, high boiling.....	—	—	*
Yarns, spun for sale—			
Cotton—			
Grey, knitting.....	lb.	13,576,046	5,379,763
Grey, weaving, singles.....	"	12,705,783	5,382,125
Grey, weaving, plied.....	"	8,031,588	3,744,301
Bleached, knitting.....	"	166,574	93,860

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value \$
Yarns, spun for sale— <i>Concluded</i>			
Cotton— <i>Concluded</i>			
Bleached, other.....	lb.	200, 179	116, 144
Coloured, knitting.....	"	2, 820, 943	1, 531, 011
Coloured, other.....	"	2, 934, 980	1, 674, 474
Other.....	"	4, 896, 499	2, 001, 823
Cotton and wool mixed—			
Grey.....	"	538, 989	417, 439
Other.....	"	32, 820	30, 203
Silk and mixtures.....	"	200, 602	135, 863
Artificial silk or nylon singles.....	"	14, 252, 825	12, 727, 313
Artificial silk thrown.....	"	542, 779	587, 477
Nylon, thrown.....	"	662, 436	2, 463, 785
Spun rayon and mixtures.....	"	3, 812, 443	2, 357, 015
Woolen—			
Hand knitting.....	"	655, 932	976, 569
Machine knitting.....	"	4, 462, 199	3, 353, 364
Weaving.....	"	2, 967, 386	2, 645, 252
Carpet.....	"	1, 010, 601	676, 834
Not specified.....	"	17, 740	30, 476
Worsted, oil spun—			
Hand knitting.....	"	3, 425, 231	5, 805, 843
Machine knitting.....	"	4, 797, 545	7, 056, 565
Weaving.....	"	329, 853	442, 122
Carpet.....	"	272, 684	286, 938
Worsted, dry spun—			
Knitting.....	"	1, 380, 153	2, 191, 375
Weaving.....	"	18, 474	27, 711
Worsted, not specified.....	"	264, 179	478, 464
Yarns, not specified.....	"	617, 144	589, 051
Yeast, dry.....	lb.	2, 437, 013	955, 552
Yeast, fresh (for sale).....	"	20, 340, 697	3, 921, 311
Yeast food, bread improver, etc.....	"	5, 171, 908	374, 791
Yoghourt.....	gal.	385	568
Zinc, refined, zinc alloys, etc.....	lb.	7, 678, 944	689, 963
Zinc chloride.....	—	—	*
Zinc naphthenate.....	—	—	*
Zinc oxide and zinc dust.....	—	—	*
Zinc, white, ground in oil.....	—	—	*
Zinc products, not specified.....	—	—	*
Manufactured food products, packaged only.....	lb.	12, 575, 581	1, 844, 030
Amount received by clothing contractors.....	—	—	8, 920, 825
Inter-company transfers.....	—	—	2, 757, 863
All other products not specified—			
Vegetable products group.....	—	—	2, 439, 846
Animal products group.....	—	—	4, 129, 923
Textile products group.....	—	—	2, 369, 904
Wood and paper products group.....	—	—	3, 335, 308
Iron and steel products group.....	—	—	65, 549, 393
Non-ferrous metal products group.....	—	—	19, 221, 565
Non-metallic mineral products group.....	—	—	7, 735, 997
Chemicals and chemical products group.....	—	—	12, 678, 734
Miscellaneous products group.....	—	—	1, 798, 130
Custom work and repairs—			
Vegetable products group.....	—	—	25, 245
Animal products group.....	—	—	1, 297, 954
Textile products group.....	—	—	4, 752, 820
Wood and paper products group.....	—	—	5, 022, 876
Iron and steel products group.....	—	—	108, 813, 202
Non-ferrous metal products group.....	—	—	4, 121, 693
Non-metallic mineral products group.....	—	—	344, 711
Chemicals and chemical products group.....	—	—	479, 510
Miscellaneous products group.....	—	—	3, 916, 202

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Conc.

Items	Unit of Measure	Quantity	Value
			\$
Products which were reported by only one or two firms and for which figures cannot be shown separately.....	—	—	307,693,387
Total value of products listed.....	—	—	8,319,909,865
Deductions due to the adjustment for intermediate products and excise taxes.....	—	—	284,217,394
Total.....			8,035,692,471

NOTE:—The asterisk indicates that the commodity was reported by only one or two concerns.

† Footnote for page 131: Does not include fabrics dyed or bleached by firms maintaining a dyeing and finishing department of their own.

CANADA

LIST OF PUBLICATIONS, CENSUS OF MANUFACTURES; DOMINION BUREAU OF STATISTICS

Manufactures

- (1) General—General Report on the Manufacturing Industries of Canada with appendix giving Alphabetical List of Products, Geographical Distribution of the Manufacturing Industries of Canada; also Reports for the Provinces and Leading Cities; Quantity of Manufacturing Production in Canada, 1923-29. Weekly Earnings of Male and Female Wage-Earners in the Manufacturing Industries of Canada. Monthly Report on Inventories.
- (2) Manufactures of Vegetable Products—Biennial General Report on Manufactures of Vegetable Products. Annual Bulletins as follows: (*a*) Coffee, Tea, Spices and Miscellaneous Foods; (*b*) Fruit and Vegetable Preparations, including Canning, Evaporating and Preserving, and Pickles, Sauces, Vinegar and Cider; (*c*) Flour and Feed Mill Products; (*d*) Bread and other Bakery Products; (*e*) Biscuits and Confectionery, including Cocoa and Chocolate; (*f*) Macaroni, Vermicelli, etc.; (*g*) Distilled Liquors; (*h*) Breweries; (*i*) Wine; (*j*) Rubber Goods, including Rubber Boots and Shoes; (*k*) Prepared Breakfast Foods; (*l*) Sugar Refineries; (*m*) Tobacco Products; (*n*) Vegetable Oil Mills; (*o*) Canned Foods; (*p*) Ice Cream; (*q*) Pack of Fruits and Vegetables, preliminary by completed packs; (*r*) Aerated Waters; (*s*) Stock and Poultry Feeds. Quarterly Reports: (*a*) Stocks of Unmanufactured Tobacco; (*b*) Stocks of Canned Fruits and Vegetables; (*c*) Processed Foods. Monthly Reports: (*a*) Production, Consumption and Inventories of Rubber; (*b*) Production of Rubber Footwear; (*c*) Shipments and Stocks of Prepared Stock and Poultry Feeds.
- (3) Animal Products and their Manufacture—Annual Reports and Bulletins as follows: (*a*) The Dairy Factory Industry; (*b*) Processed Cheese; (*c*) Fish Processing (contained in annual Fisheries Statistics); (*d*) Slaughtering and Meat Packing and Sausage and Sausage Casings; (*e*) Leather Tanneries; (*f*) Leather Belting, Leather Boot and Shoe Findings and Miscellaneous Leather Goods; (*g*) Leather Boots and Shoes; (*h*) Leather Gloves and Mittens; (*i*) Fur Goods, Fur Dressing. Monthly Bulletin on Leather Footwear Production.
- (4) Textiles and Allied Industries—Biennial General Report on the Textile Industries of Canada. Annual Bulletins as follows: (*a*) Cotton Textiles (cloth, yarn, thread and waste); (*b*) Woollen Textiles (cloth, yarn, waste, carpets and woollen goods, n.e.s.); (*c*) Silk and Artificial Silk; (*d*) Men's Factory Clothing incl. Men's Furnishings; (*e*) Women's Factory Clothing; (*f*) Hats and Caps; (*g*) Hosiery and Knitted Goods; (*h*) Oiled and Waterproofed Clothing; (*i*) Cordage, Rope and Twine; (*j*) Corsets; (*k*) Cotton and Jute Bags; (*l*) Dyeing and Finishing of Textiles; (*m*) Awnings, Tents and Sails. Quarterly Report on the Production of Clothing.
- (5) Manufactures of Forestry Products—Printed Bilingual Reports: (*a*) The Lumber Industry (biennial); (*b*) The Pulp and Paper Industry (biennial); (*c*) Wood-Using Industries (biennial); (*d*) Paper-Using Industries (biennial); Annual preliminary reports: (*a*) Lumber; (*b*) Pulp and Paper; (*c*) Wood-Using

Industries; (d) Planing Mills and Sash and Door Factories; (e) Hardwood Flooring; (f) Furniture; (g) Veneers and Plywoods; (h) Printing Trades (comprising the following industries, Printing and Publishing; Printing and Bookbinding; Lithographing; Engraving, Stereotyping and Electrotyping; Trade Composition and Blue Printing); (i) Paper Boxes and Bags; (j) Roofing Paper. Stencilled annual bulletins: (a) Lumber (series of 10 provincial summaries); (b) Boxes and Baskets; (c) Carriages, Sleighs and Vehicle Supplies; (d) Cooperage; (e) Coffins and Caskets; (f) Boatbuilding; (g) Lasts, Trees and Wooden Shoe Findings; (h) Wood-turning; (i) Woodenware; (j) Excelsior; (k) Beekeepers' and Poultrymen's Supplies; (l) Wooden Refrigerators; (m) Miscellaneous Wood-Using Industries; (n) Miscellaneous Paper Goods. Monthly Reports: (a) Production, Shipments and Stocks on Hand of Sawmills East of the Rockies; (b) Production, Shipments and Stocks on Hand of Sawmills in British Columbia. Monthly Bulletins: (a) Asphalt Roofing Production and Sales; (b) Rigid Insulating Board Production and Sales; (c) Asphalt Floor Tiles Production and Sales.

- (6) Iron and Steel and their Products—Biennial Report. Annual Bulletins as follows: Preliminary Summary on the Iron and Steel Industry. (a) Primary Iron and Steel; (b) Iron Castings; (c) Heating and Cooking Apparatus (except boilers and radiators); (d) Boilers, Tanks and Plate Work; (e) Farm Implements and Machinery; (f) Machinery; (g) Automobiles; (h) Automobile Parts; (i) Bicycles; (j) Railway Rolling Stock; (k) Wire and Wire Goods; (l) Sheet Metal Products; (m) Hardware, Tools and Cutlery; (n) Bridge Building and Structural Steel Work; (o) Shipbuilding and Ship Repairs; (p) Aircraft; (q) Miscellaneous Iron and Steel Products. Commodity Bulletins on The Production of Pig Iron; Steel; Washing Machines; Cream Separators; Warm Air Furnaces; Galvanized Sheets; Wire Nails; Steel Wire; Wire Fencing; Stoves, etc. Monthly Bulletins: (a) Pig Iron, Steel Ingots and Castings; (b) Steel Ingots; (c) Motor Vehicle Shipments; (d) Domestic Washing Machines; (e) Wire Nails; (f) Steel Wire; (g) Wire Fencing; (h) Primary Iron and Steel.
- (7) Manufactures of Non-Ferrous Metals—Biennial Report. Annual Bulletins as follows: Preliminary Summary on Manufactures of Non-Ferrous Metals. (a) Aluminium Products; (b) Brass and Copper Products; (c) White Metal Alloys; (d) Jewellery and Silverware; (e) Electrical Apparatus and Supplies; (f) Non-Ferrous Metal Smelting and Refining; (g) Miscellaneous Non-Ferrous Metal Goods. Monthly Reports on: (a) Sales of Radio Sets; (b) Sales of Storage Batteries; (c) Domestic Electric Refrigerators; (d) Dealers' Report on Non-Ferrous Scrap Metal; (e) Ingot Makers' Monthly Report. Commodity Bulletins on the Production of Batteries; Silverware; Vacuum Cleaners; Incandescent Lamps, etc.
- (8) Manufactures of the Non-Metallic Minerals—Biennial Report. Annual Bulletins as follows: Preliminary Summary on Manufactures of Non-Metallic Minerals: (a) Asbestos Products; (b) Cement; (c) Cement Products; (d) Coke and Gas; (e) Glass Products; (f) Lime; (g) Petroleum Products; (h) Clay Products; (i) Salt; (j) Sand-lime Brick; (k) Stone; (l) Artificial Abrasives; (m) Gypsum and Gypsum Products; (n) Miscellaneous Non-Metallic Mineral Products, including Carbon Electrodes—Mica Products—Non-Metallic Minerals, n.e.s. Also Special Reports on: (a) The Consumption of Coke in Canada

(b) Consumption of Petroleum Fuels in Canada; (c) Sales of Lubricating Oils in Canada. Monthly bulletins on; (a) Coal and Coke Statistics; (b) Sales of Manufactured and Natural Gas; (c) Rock Wool Sales; (d) Gypsum Products; (e) Concrete Blocks and Concrete Pipe; (f) Refined Petroleum Products.

(9) Chemicals and Allied Products—Biennial Report. Annual Bulletins as follows: Preliminary Summary on Chemicals and Allied Products: (a) Coal Tar Distillation; (b) Acids, Alkalies and Salts; (c) Compressed Gases; (d) Fertilizers; (e) Medicinal and Pharmaceutical Preparations; (f) Paints, Pigments and Varnishes; (g) Soaps, Cleaning Preparations and Washing Compounds; (h) Toilet Preparations; (i) Inks; (j) Adhesives; (k) Polishes and Dressings; (l) Primary Plastics; (m) Miscellaneous Chemical Products, including Boiler Compounds; Plastic Products; Insecticides; Sweeping Compounds; Hardwood Distillation; Disinfectants; Matches; Dyes and Colours; Explosives, ammunition and fireworks; Chemical Products, n.e.s. Special Reports on the Fertilizer Trade in Canada. Commodity Bulletins on Sulphuric Acid, Ammonium Sulphate, etc. Special Report—Directory of Chemical Industries in Canada. Special Report on the Consumption of Chemicals in Municipal Waterworks. Special Report on Sales of Pest Control Products.

(10) Miscellaneous Manufactures—General Report. Annual Bulletins as follows: (a) Brooms, Brushes and Mops; (b) Musical Instruments (including pianos, organs and phonographs) and Musical Instrument Materials and Parts; (c) Buttons; (d) Bed Springs and Mattresses; (e) Sporting Goods.

Doc 31-201

n

Canada, Trade Bureau of
GENERAL REVIEW OF
The

Government
Public

MANUFACTURING INDUSTRIES
OF CANADA, 1947



DOMINION BUREAU OF STATISTICS
DEPARTMENT OF TRADE AND COMMERCE, OTTAWA,
CANADA



CANADA
DOMINION BUREAU OF STATISTICS
INDUSTRY AND MERCHANDISING DIVISION
GENERAL MANUFACTURES SECTION

The Manufacturing Industries of Canada, 1947

Published by Authority of the Rt. Hon. C. D. Howe,
Minister of Trade and Commerce

*Reprinted from the
Canada Year Book,
with Added Supple-
mentary Tables.*

Price 75 cents

TABLE OF CONTENTS

	PAGE
Part I.—General Analysis of Manufacturing in the Dominion	5
Section 1. Growth of Manufacturing in Canada.....	7
1. Historical Summary of Statistics of Manufactures for the Dominion, 1917-47.....	7
2. Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-47.....	8
3. Summary Statistics of Manufactures, by Industrial Groups, Significant Years, 1917-47...	10
4. Summary of Statistics of Manufactures, Significant Years, 1917-47.....	12
5. Consumption of Manufactured Products, 1928-47.....	14
Section 2. Value and Volume of Manufactured Products.....	14
6. Indexes of the Volume of Manufacturing Production, According to Component Material and Purpose Classifications, 1923-46.....	16
7. Indexes of the Volume of Manufacturing Production for the Groups of the Purpose Classification, Significant Years, 1923-46.....	17
Section 3. Production by Industrial Groups and Individual Industries.....	17
Subsection 1. Manufactures Grouped by Chief Component Materials.....	17
8. Percentage Variation in Employment, Salaries and Wages, and Gross Value of Products in the Main Industrial Groups Compared for Significant Years, 1929-44.....	18
9. Statistics of the Numbers, Employees, Salaries and Wages, Power, Fuel, Materials, and Values of Products of Canadian Manufacturing Industries, 1947.....	20
Subsection 2. Manufactures Classified on the Standard Classification Basis.....	26
10. Principal Statistics of the Manufacturing Industries, 1945 to 1947, Classified on the Standard Classification Basis.....	26
11. Principal Statistics of Individual Manufacturing Industries, Classified on the Standard Classification Basis, 1947.....	27
Subsection 3. Manufactures Classified by the Purpose of the Products.....	31
12. Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups, Significant Years, 1922-47 and in Detail for 1947.....	32
13. Quantities and Values of the Principal Commodities Produced by the Manufacturing Industries of Canada, Grouped by Purpose, 1947.....	34
Subsection 4. Manufactures Classified by Origin of the Materials.....	36
14. Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Materials Used, by Main Groups, Significant Years, 1924-47.....	37
Subsection 5. Manufactures Classified by Type of Organization.....	39
15. Percentage Distribution of the Number of Establishments in the Manufacturing Industries, by Type of Organization, 1947.....	41
16. Percentage Distribution of Employment in the Manufacturing Industries, by Type of Organization, 1947.....	41
17. Percentage Distribution of Employment in the Forty Leading Industries, by Type of Organization, 1947.....	42
18. Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Type of Organization, 1947.....	42
19. Principal Statistics of the Manufacturing Industries of Canada and Industrial Groups, Classified by Type of Organization, 1947.....	44
Subsection 6. Leading Manufacturing Industries.....	45
20. Principal Statistics of the Forty Leading Industries of Canada, Ranked According to the Gross Value of the Products, 1946.....	46
21. Principal Statistics of the Forty Leading Industries of Canada, Ranked According to the Gross Value of the Products, 1947.....	47
Section 4. Principal Factors in Manufacturing Production.....	48
Subsection 1. Capital Employed.....	48
22. Percentage Distribution of Capital Employed in the Manufacturing Industries of Canada, by Provinces and Industrial Groups, Significant Years, 1917-43.....	48
23. Forms of Capital Employed in the Manufacturing Industries of Canada, by Provinces and Industrial Groups, 1943, with Totals for Significant Years, 1924-42.....	49
Subsection 2. Employment in Manufactures.....	49
24. Wage-Earners Employed in the Manufacturing Industries of Canada, by Months and Sex, Significant Years, 1922-47.....	50
25. Wage-Earners Employed in the Manufacturing Industries of Canada, by Months, Sex and Industrial Group, Significant Years, 1939-47.....	51
26. Wage-Earners in Manufacturing Working Specified Numbers of Hours per Week in the Month of Highest Employment, 1938-45.....	58
27. Wage-earners in Manufacturing Working Specified Numbers of Hours During the Last Week in November, 1946-47.....	59

TABLE OF CONTENTS—concluded

	PAGE
Part I.—General Analysis of Manufacturing in the Dominion—Concluded	
Subsection 3. Salaries and Wages in Manufacturing Industries.....	59
28. Salaries and Wages Paid in Manufacturing Industries, by Provinces and Industrial Groups, 1946, with Totals for Significant Years 1917-45.....	60
29. Salaries and Wages in the Forty Leading Industries, 1947, with Comparative Figures of Average Salaries and Wages Paid in 1946.....	61
30. Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners Employed in the Manufacturing Industries of Canada, 1934-47.....	63
31. Average Annual, Weekly and Hourly Earnings of All Wage-Earners in the Manufacturing Industries of Canada, by Provinces, 1938-47.....	64
32. Average Annual, Weekly and Hourly Earnings of All Wage-Earners in the Manufacturing Industries of Canada, by Industrial Groups, 1938-47.....	66
33. Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners in the Manufacturing Industries of Canada, by Provinces, 1938-47.....	67
34. Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners in the Manufacturing Industries of Canada, by Industrial Groups, 1938-47.....	69
35. Average Yearly Earnings, and Index Numbers of Earnings, Cost of Living and Real Wages of Wage-Earners, in Manufacturing Industries, 1931-47.....	71
36. Percentages of Salaries and Wages Paid to the Total Net Values of Manufacturing Production, 1924-47.....	72
Subsection 4. Size of Manufacturing Establishments.....	72
37. Manufacturing Establishments Grouped According to Gross Values of Products, with Total and Average Values of Products in each Class, for Canada, 1929, 1939, 1944 and 1947.....	73
38. Manufacturing Establishment Classified by Number of Employees, by Provinces, 1947.....	74
39. Establishment and Employees in Canadian Manufactures, Grouped According to the Number of Employees per Establishment, 1929, 1939, 1944 and 1947.....	74
40. Percentage Importance of Establishments, Each Employing 200 or more Persons, in the Twenty-five Leading Industries, 1947.....	75
41. Principal Statistics of the Twenty-Five Leading Industries, Grouped According to Number of Employees per Establishment, 1947.....	75
Subsection 5. Power and Fuel.....	79
42. Power Equipment Installed in the Manufacturing Industries of Canada, 1931-46, with Details by Provinces and Industrial Groups, 1947.....	81
43. Fuel and Electricity Used in the Manufacturing Industries of Canada, 1932-46, with Details by Provinces and Industrial Groups, 1947.....	82
Part II.—Provincial and Local Distribution of Manufacturing Production.....	84
1. Summary Statistics of Manufactures in Each Province, Classified by Industrial Groups, 1947.....	84
2. Concentration of Manufacturing Production in Each Province, 1947.....	87
3. Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Number of Employees per Establishment, 1947.....	87
Section 1. The Manufactures of the Maritime Provinces, 1947.....	89
4. Statistics of the Leading Industries of the Maritime Provinces, 1947.....	89
Section 2. The Manufactures of Quebec, 1947.....	90
5. Statistics of the Leading Industries of the Province of Quebec, 1947.....	91
Section 3. The Manufactures of Ontario, 1947.....	92
6. Statistics of the Leading Industries of the Province of Ontario, 1947.....	93
Section 4. The Manufactures of the Prairie Provinces, 1947.....	93
7. Statistics of the Leading Industries of the Prairie Provinces, 1947.....	94
Section 5. The Manufactures of British Columbia, 1947.....	95
8. Statistics of the Leading Industries of British Columbia, 1947.....	96
Section 6. Manufacturing Industries in Cities and Towns.....	96
9. Cities and Towns with a Gross Manufacturing Production of over \$1,000,000 each, Number of Establishments and Total Gross Production in such Cities and Towns as a Percentage of the Grand Total, by Provinces, 1947.....	97
10. Principal Statistics of the Manufacturing Industries of the Six Leading Manufacturing Cities of Canada, 1933-47.....	97
11. Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, Grouped according to the number of Employees per Establishment, 1947.....	98
12. Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1947.....	100
13. Principal Statistics by Counties and Census Divisions, 1947.....	104
Appendix I—	
Principal Statistics of the Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1947.....	108
Appendix II—	
Alphabetical List of Products Manufactured in Canada, 1947.....	125
List of Publications on the Census of Manufactures.....	166

THE MANUFACTURING INDUSTRIES OF CANADA 1947

Introduction

This report deals with manufacturing industries in Canada in two Parts. Part I gives general analyses including: the historical development of manufacturing; detailed treatment of current production under various groupings and individual industries; and principal factors in manufacturing production such as capital, employment, salaries and wages, size of establishment, and power and fuel. Part II deals with the provincial and local distribution of manufacturing production.

With regard to the first section of Part I, dealing with historical development, it is impossible to give absolutely comparable statistics over a long period of years. From 1870 to 1915 statistics were collected only in connection with decennial or quinquennial censuses, and there was inevitably some variation in the information collected. The annual Census of Manufactures was instituted in 1917 and, while numerous changes have been made since then in the information collected and the treatment of the data, an effort has been made to carry all major revisions, in so far as possible, back to 1917, so that the figures for the period since then are on a reasonably comparable basis.

Canada now ranks among the important manufacturing countries of the world, and holds a dominant position in the export of many manufactured products. The forward movement in development has been the result of three great influences: first, the opening of the west at the beginning of the present century which greatly increased the demand for manufactured goods of all kinds, especially construction materials; secondly, the First World War which left a permanent imprint upon the variety and efficiency of Canadian plants; and thirdly, the Second World War with its insatiable demands for food and manufactured products of all kinds. More especially during the Second World War the situation created as a result of Canada's strategic position as a source of food and armaments had far-reaching effects on the magnitude and diversification of Canadian manufacturing production, with the result that Canada, with greatly increased skills and plant capacity, has now entered a new era in manufacturing development.

The manufacturing industries of Canada in 1947 established a new record in gross value of production with a total of \$10,081,026,580. This represents an increase of \$2,045,334,109 or 26 p.c. over the previous year, and \$1,007,334,061 or 11 p.c. over the previous high attained in 1944. In terms of the actual physical output, however, the record is not so impressive. The increase of 26 p.c. in the gross value of production is accounted for in large part by an increase of 19 p.c. in the wholesale prices of fully and partly manufactured products, and only for about 6 or 7 p.c. by the actual increase in the physical volume of production.

Manufacturing establishments in 1947 numbered 32,714. They furnished employment to 1,131,750 persons who received \$2,085,925,966 in salaries and wages and produced goods with a selling value at the factory of \$10,081,026,580 from materials costing \$5,534,280,019. The value added by manufacture amounted to \$4,292,055,802.

From the point of view of employment which more closely reflects changes in the physical volume of production than any other factor, the non-ferrous metal products group with an increase of 13 p.c. reported the greatest increase in production. The wood and paper products group came second with an increase of 11 p.c., followed by the miscellaneous industries group with 10 p.c., non-metallic mineral products 8 p.c., textiles 7 p.c., iron and its products 6 p.c., vegetable products 5 p.c., and chemicals and allied products 3 p.c. The animal products group reported a minor decline of 1 p.c.

Of the forty leading industries in 1947, thirty-five reported increases and only five reported decreases in number of persons employed. The electrical apparatus industry with an increase of 8,738 employees recorded the greatest gain in production. This was followed by sawmills with an increase of 6,073, furniture 5,564, pulp and paper 4,979, cotton yarn and cloth 3,427, machinery 2,917, non-ferrous metal smelting and refining 2,903, primary iron and steel 2,737, automobiles 2,190, agricultural implements 2,147, automobile supplies 2,139, men's factory clothing 1,995, planing mills 1,862, printing and publishing 1,643, synthetic textiles and silk 1,628, hosiery and knitted goods 1,570, etc. The following industries reported decreases in number of employees: hardware, tools and cutlery 934, leather boots and shoes 901, slaughtering and meat packing 810, tobacco, cigars and cigarettes 161, and railway rolling-stock 27.

Percentage changes in manufacturing production of each province between 1944 and 1947 were as follows:—

<i>Provinces</i>	<i>1947 Compared with 1944</i>			<i>1947 Compared with 1946</i>		
	<i>Number of Employees</i>	<i>Salaries and Wages</i>	<i>Gross Value of Products</i>	<i>Number of Employees</i>	<i>Salaries and Wages</i>	<i>Gross Value of Products</i>
Prince Edward Island.....	+ 6.7	+14.3	+18.1	+ 8.6	+17.4	+13.0
Nova Scotia.....	-19.9	-23.1	- 0.1	+ 1.9	+ 7.1	+14.2
New Brunswick.....	+ 4.4	+22.4	+37.0	+ 6.4	+19.4	+22.0
Quebec.....	-10.5	- 0.8	+ 3.0	+ 6.2	+17.1	+20.8
Ontario.....	- 4.8	+ 6.5	+13.0	+ 7.9	+22.8	+30.6
Manitoba.....	- 3.8	+ 9.9	+ 8.7	+ 2.6	+13.0	+ 8.9
Saskatchewan.....	- 5.2	+11.1	+12.0	- 2.0	+ 9.5	+16.7
Alberta.....	+ 7.9	+24.1	+17.0	+ 5.7	+18.1	+15.2
British Columbia.....	-13.4	- 6.4	+30.9	+10.2	+21.7	+33.2
TOTALS.....	- 7.5	+ 2.8	+11.1	+ 7.0	+19.8	+25.5

PART I.—GENERAL ANALYSES OF MANUFACTURING

Section 1.—Growth of Manufacturing

Subsection 1.—Production of Manufactured Products

This Section gives a picture of the growth of manufacturing, in general, as shown by comparable principal statistics, i.e., establishments, capital, employees, salaries and wages paid, cost of materials and values of products. Other useful comparisons are made in Table 4 and figures of consumption are given in Table 5.

1.—Summary Statistics of Manufactures, 1917-47

NOTE.—Statistics of manufacturing from 1870 have been published, but between that year and 1917 they are not on a comparable basis to the series given below. They will be found in Table 1 in the 1942 editions of this report. Statistics of the non-ferrous metal smelting industries were included in manufactures for the first time in 1925.

Year	Estab-lish-ments	Capital	Em-employees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
1917.....	21,845	2,333,991,229	606,523	497,801,844	1,539,678,811	1,281,131,980	2,820,810,791
1918.....	21,777	2,518,197,329	602,179	567,991,171	1,827,631,548	1,399,794,849	3,227,426,397
1919.....	22,083	2,670,559,435	594,066	601,715,668	1,779,056,765	1,442,400,638	3,221,457,403
1920.....	22,532	2,923,667,011	598,893	717,493,876	2,085,271,649	1,621,273,348	3,706,544,997
1921.....	20,848	2,697,858,073	438,555	497,399,761	1,365,292,885	1,123,694,263	2,488,987,148
1922.....	21,016	2,667,493,290	456,256	489,397,230	1,272,651,585	1,103,266,106	2,375,917,691
1923.....	21,080	2,788,051,630	506,203	549,529,631	1,456,595,367	1,206,332,107	2,662,927,474
1924.....	20,709	2,895,317,508	487,610	534,467,675	1,422,573,946	1,075,458,459	2,570,561,931
1925.....	20,981	3,065,730,916	522,924	569,944,442	1,571,788,252	1,167,936,726	2,816,864,953
1926.....	21,301	3,208,071,197	559,161	625,682,242	1,712,519,991	1,305,168,549	3,100,604,637
1927.....	21,501	3,454,825,529	595,052	662,705,332	1,741,128,711	1,427,649,292	3,257,214,876
1928.....	21,973	3,804,062,566	631,429	721,471,634	1,894,027,188	1,597,887,676	3,582,345,302
1929.....	22,216	4,004,892,009	666,531	777,291,217	2,029,670,813	1,755,386,937	3,883,446,116
1930.....	22,618	4,041,030,475	614,696	697,555,378	1,664,787,763	1,522,737,125	3,280,236,603
1931.....	23,083	3,705,701,893	528,640	587,566,990	1,221,911,982	1,252,017,248	2,555,126,448
1932.....	23,102	3,380,475,509	468,833	473,601,716	954,381,097	955,960,724	1,980,471,543
1933.....	23,780	3,279,259,838	468,658	436,247,824	967,788,928	919,671,181	1,954,075,785
1934.....	24,209	3,249,348,864	519,812	503,851,055	1,229,513,621	1,087,301,742	2,393,692,729
1935.....	24,034	3,216,403,127	556,664	559,467,777	1,419,146,217	1,153,485,104	2,653,911,209
1936.....	24,202	3,271,263,531	594,359	612,071,434	1,624,213,996	1,289,592,672	3,002,403,814
1937.....	24,834	3,465,227,831	660,451	721,727,037	2,006,926,787	1,508,924,867	3,625,459,500
1938.....	25,200	3,485,683,018	642,016	705,668,589	1,807,478,028	1,428,286,778	3,337,681,366
1939.....	24,805	3,647,024,449	658,114	737,811,153	1,836,159,375	1,531,051,901	3,474,783,528
1940.....	25,513	4,095,716,836	762,244	920,872,865	2,449,721,903	1,942,471,238	4,529,173,316
1941.....	26,293	4,905,503,966	961,178	1,264,862,643	3,296,547,019	2,605,119,788	6,076,308,124
1942.....	27,862	5,488,785,545	1,152,091	1,682,804,842	4,037,102,725	3,309,973,758	7,553,794,972
1943.....	27,652	6,317,166,727	1,241,068	1,987,292,384	4,690,493,083	3,816,413,541	8,732,860,999
1944.....	28,483	3	1,222,882	2,029,621,370	4,832,333,356	4,015,776,010	9,073,692,519
1945.....	29,050	3	1,119,372	1,845,773,449	4,473,668,847	3,564,315,899	8,250,368,866
1946.....	31,249	3	1,058,156	1,740,687,254	4,358,234,766	3,467,004,980	8,035,692,471
1947.....	32,734	3	1,131,750	2,085,925,966	5,534,280,019	4,292,055,802	10,081,026,580

¹ For 1924 and subsequent years the net value of production is computed by subtracting the cost of fuel and electricity and the cost of materials from the gross value. Figures prior to 1924 are not comparable because statistics for cost of electricity are not available.

² A change in the method of computing the number of wage-earners in the years 1925 to 1930, inclusive, increased the number somewhat over that which the method otherwise used would have given. In 1931, however, the method in force prior to 1925 was re-adopted.

³ Not collected.

2.—Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-47

Province and Year	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
Prince Edward Island—							
1917.....	411	2,008,082	1,556	663,251	3,087,621	1,750,135	4,837,756
1920.....	370	2,328,686	1,287	855,210	4,164,223	2,135,857	6,300,080
1929 ²	263	2,646,354	2,074	727,286	2,862,725	1,466,446	4,408,608
1933.....	249	2,256,307	991	529,684	1,590,834	1,126,826	2,775,787
1937.....	240	2,637,472	1,062	607,547	2,386,091	1,117,298	3,566,991
1939.....	222	2,682,900	1,088	617,945	2,239,117	1,243,979	3,543,681
1941.....	213	3,106,369	1,105	680,883	3,229,433	1,347,990	4,649,476
1942.....	243	3,367,368	1,261	842,061	4,789,315	1,973,540	6,855,344
1943.....	230	3,881,832	1,552	1,298,112	6,432,079	3,021,848	9,577,446
1944.....	241	3	1,786	1,694,763	6,993,510	3,570,835	10,713,64
1945.....	234	3	1,851	1,679,212	8,242,949	3,178,434	11,592,75
1946.....	246	3	1,755	1,651,469	7,582,046	3,469,435	11,200,310
1947.....	260	3	1,906	1,938,467	8,610,332	3,849,353	12,653,451
Nova Scotia—							
1917.....	1,337	124,357,851	25,252	18,838,051	102,415,215	57,565,703	159,980,918
1920.....	1,345	135,679,188	23,425	25,625,089	85,724,785	61,371,243	147,096,028
1929 ²	1,094	118,951,398	19,986	16,905,885	50,725,562	35,676,421	89,787,548
1933.....	1,277	92,004,624	12,211	9,604,680	25,354,319	19,988,257	47,912,432
1937.....	1,135	94,756,601	18,088	16,727,338	46,964,053	33,146,796	84,393,656
1939.....	1,083	101,954,082	17,627	16,651,685	43,332,195	35,885,563	83,139,572
1941.....	1,177	124,409,791	24,577	27,527,339	76,779,821	51,318,369	133,873,428
1942.....	1,332	152,668,789	31,318	41,273,942	85,193,680	63,615,890	155,931,264
1943.....	1,278	179,363,703	37,445	55,205,712	96,551,817	84,909,686	188,463,088
1944.....	1,281	3	37,812	59,940,411	103,463,123	93,376,638	204,421,664
1945.....	1,297	3	33,423	51,703,245	107,860,539	84,358,189	199,775,177
1946.....	1,397	3	29,724	43,060,259	100,354,480	71,738,873	178,793,420
1947.....	1,480	3	30,285	46,113,036	111,354,221	84,935,517	204,219,433
New Brunswick—							
1917.....	943	60,300,907	19,710	12,893,014	32,380,621	27,027,725	59,408,346
1920.....	901	101,216,395	19,007	19,266,821	60,812,641	45,803,164	106,615,805
1929 ²	803	91,376,948	17,952	15,127,716	39,800,366	26,640,786	68,145,012
1933.....	747	90,148,317	11,336	9,308,100	20,442,421	18,166,713	41,345,622
1937.....	805	89,797,597	15,612	14,563,310	36,983,284	28,770,727	69,479,207
1939.....	803	91,171,323	14,501	13,659,162	35,617,614	27,041,195	66,058,151
1941.....	791	97,952,799	19,600	21,718,407	59,234,107	47,296,960	111,433,726
1942.....	867	105,056,835	22,182	26,546,806	64,891,227	53,920,454	123,839,475
1943.....	862	111,287,910	23,225	30,451,181	76,711,513	58,956,676	140,934,879
1944.....	937	3	23,164	32,345,080	83,993,599	62,258,676	152,106,577
1945.....	889	3	22,503	32,408,048	87,235,347	63,380,075	156,623,378
1946.....	993	3	22,732	33,151,919	96,389,299	67,733,377	170,753,741
1947.....	1,061	3	24,181	39,583,393	116,491,443	83,487,984	208,366,438
Quebec—							
1917.....	7,032	662,012,975	188,043	141,008,616	385,212,984	380,882,409	766,095,393
1920.....	7,530	878,859,638	183,748	202,516,550	553,558,520	499,643,217	1,053,201,737
1929 ²	6,948	1,246,208,650	206,580	225,226,808	537,270,055	537,796,395	1,408,592,775
1933.....	7,856	1,035,339,591	157,481	134,696,386	292,560,568	288,504,782	604,496,078
1937.....	8,518	1,117,772,721	219,033	216,971,207	562,889,160	445,885,666	1,046,470,796
1939.....	8,373	1,182,538,441	220,321	223,757,767	536,823,039	470,385,279	1,045,757,585
1941.....	8,711	1,700,527,405	327,591	393,819,671	961,162,209	815,086,832	1,841,088,523
1942.....	9,542	1,833,353,668	399,017	536,329,170	1,193,445,432	1,059,873,943	2,333,303,012
1943.....	9,372	2,230,620,386	437,247	658,323,620	1,483,627,797	1,280,097,615	2,852,191,853
1944.....	9,656	3	424,115	668,156,053	1,494,253,053	1,350,519,134	2,929,685,183
1945.....	10,038	3	384,031	607,473,443	1,307,534,193	1,149,390,919	2,531,903,830
1946.....	10,818	3	357,276	565,986,105	1,297,009,099	1,125,991,848	2,497,971,521
1947.....	11,223	3	379,449	662,837,614	1,601,055,840	1,324,397,690	3,017,049,422
Ontario—							
1917.....	9,061	1,157,850,643	299,389	258,393,065	794,556,502	662,174,261	1,456,720,763
1920.....	9,113	1,464,097,346	295,674	362,941,317	1,071,843,374	792,267,562	1,864,110,936
1929 ²	9,348	1,986,736,556	328,533	406,622,627	1,056,530,202	916,971,816	2,020,492,433
1933.....	9,542	1,587,947,947	224,816	220,530,088	404,544,563	465,103,842	958,776,858
1937.....	9,796	1,674,806,201	321,743	373,018,048	1,025,871,741	804,703,114	1,880,388,188
1939.....	9,824	1,762,571,669	318,871	378,376,209	1,097,011,461	791,428,569	1,745,674,707
1941.....	10,250	2,336,788,884	468,230	660,722,278	1,683,912,216	1,360,055,756	3,121,756,568
1942.....	10,711	2,632,519,471	542,958	840,783,705	2,056,746,983	1,671,130,314	3,817,396,044
1943.....	10,587	2,994,953,988	570,017	956,399,212	2,278,871,511	1,844,651,587	4,221,101,063
1944.....	10,731	3	564,392	975,038,060	2,310,347,858	1,930,043,913	4,339,797,734
1945.....	10,869	3	518,056	882,483,387	2,148,290,603	1,720,938,199	3,965,069,021
1946.....	11,424	3	498,120	845,216,547	2,081,900,592	1,659,284,622	3,754,523,701
1947.....	11,860	3	537,581	1,037,976,714	2,651,697,573	2,136,014,184	4,903,472,526

¹ See footnote 1, Table 1.² See footnote 2, Table 1.³ Not collected.

2.—Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-47

—concluded

Province and Year	Estab-lish-ments	Capital	Em-employees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
Manitoba—							
1917.....	732	82,566,858	18,939	16,513,423	69,715,149	42,280,801	111,995,950
1920.....	747	94,424,145	23,728	32,372,081	92,729,271	62,776,912	155,506,183
1929 ²	861	121,363,898	24,012	31,224,596	87,832,324	63,925,015	155,266,294
1933.....	1,010	100,074,404	18,871	18,687,430	44,579,998	37,390,275	83,934,777
1937.....	1,043	119,363,026	23,706	27,198,978	87,684,514	49,950,465	140,805,451
1939.....	1,087	119,659,365	23,910	28,444,798	82,408,293	48,810,544	134,293,595
1941.....	1,184	163,489,471	32,262	40,894,267	132,330,823	74,450,721	211,534,751
1942.....	1,287	175,902,477	37,519	51,605,139	159,248,309	94,856,679	259,554,350
1943.....	1,245	173,752,507	37,003	53,841,825	200,464,756	99,146,670	304,867,912
1944.....	1,290	4	40,937	62,758,081	226,234,925	120,339,926	352,334,594
1945.....	1,302	4	38,367	59,814,109	216,114,576	117,775,126	339,821,283
1946.....	1,357	4	38,367	61,018,345	223,096,935	122,780,805	351,887,099
1947.....	1,413	4	39,378	68,972,653	236,936,343	139,373,521	383,130,281
Saskatchewan—							
1917.....	560	24,372,585	6,230	5,403,332	22,040,674	13,894,179	35,934,853
1920.....	554	24,640,520	6,709	9,571,175	34,894,105	22,610,861	57,504,966
1929 ²	594	43,925,797	7,025	9,105,597	51,003,566	23,002,952	75,368,605
1933.....	673	38,688,433	4,782	4,848,763	19,124,030	11,478,634	31,559,387
1937.....	689	39,279,050	6,107	6,758,154	43,782,999	17,068,655	62,205,884
1939.....	737	37,654,095	6,475	7,346,127	38,782,135	20,283,273	60,650,589
1941.....	945	42,158,738	8,546	9,979,974	65,836,308	28,172,441	96,020,975
1942.....	966	45,013,677	9,801	12,543,065	84,208,201	33,933,836	120,256,733
1943.....	976	60,474,093	11,683	16,445,866	111,193,185	37,895,459	152,123,360
1944.....	1,054	4	12,361	17,703,103	131,215,017	40,833,333	175,349,234
1945.....	926	4	11,617	16,905,606	126,279,202	38,275,127	167,688,133
1946.....	955	4	11,957	17,956,317	126,595,761	38,459,630	168,356,619
1947.....	1,001	4	11,723	19,661,970	151,449,021	41,480,520	196,452,199
Alberta—							
1917.....	636	49,146,241	9,461	8,662,417	42,632,212	23,883,673	66,515,885
1920.....	666	48,310,655	10,955	15,210,628	56,139,646	29,812,891	85,952,337
1929 ²	736	81,875,952	12,216	14,585,734	62,500,175	36,824,969	100,966,196
1933.....	874	69,604,563	9,753	9,573,468	29,425,975	18,876,829	49,395,514
1937.....	895	70,804,070	12,524	13,903,062	55,898,599	28,923,095	86,225,069
1939.....	961	73,284,225	12,712	14,977,700	53,151,149	32,618,153	87,474,080
1941.....	1,108	95,676,318	16,761	20,151,705	94,176,887	45,958,219	142,651,493
1942.....	1,115	101,401,133	18,397	23,982,613	117,617,500	57,479,536	178,103,011
1943.....	1,133	111,682,419	20,613	29,494,369	142,057,051	65,796,813	211,159,142
1944.....	1,165	4	22,186	33,227,729	172,082,537	77,415,753	252,949,894
1945.....	1,157	4	21,486	32,760,326	166,198,136	78,547,626	248,287,504
1946.....	1,315	4	22,649	34,939,088	169,425,176	83,735,011	257,031,867
1947.....	1,382	4	23,941	41,246,171	202,324,036	89,289,825	296,054,129
British Columbia							
1917 ³	1,133	171,375,087	37,943	35,426,675	87,637,833	71,673,094	159,310,927
1920 ³	1,306	174,110,438	34,360	49,135,005	125,405,084	104,851,641	230,256,725
1929 ²	1,509	311,806,456	48,153	57,764,968	141,145,838	113,082,137	260,418,645
1933.....	1,552	263,195,652	28,417	28,469,225	70,166,220	59,034,923	133,879,330
1937.....	1,713	256,011,093	42,576	51,979,393	144,466,346	99,359,051	251,924,258
1939.....	1,710	274,969,502	42,554	53,881,994	136,655,872	103,263,292	247,948,600
1941.....	1,905	340,609,179	62,447	89,256,478	219,755,738	181,232,637	412,957,807
1942.....	1,990	388,649,300	89,570	148,782,063	270,823,072	272,926,065	558,137,606
1943.....	1,961	450,360,048	102,221	185,711,773	294,445,005	341,699,478	652,046,313
1944.....	2,116	4	96,062	178,639,118	303,560,016	337,137,197	655,844,689
1945.....	2,326	4	87,974	160,419,133	305,759,836	307,954,519	628,903,124
1946.....	2,731	4	75,484	137,506,645	335,708,533	293,352,652	644,527,898
1947.....	3,040	4	83,161	167,282,667	453,670,677	388,702,178	858,284,592
Yukon and N.W.T.—							
1939.....	5	538,847	55	97,766	138,500	92,054	242,968
1941.....	9	785,012	59	111,641	129,477	199,863	341,377
1942.....	9	852,827	68	106,278	139,006	263,471	417,773
1943.....	8	589,841	62	120,714	138,369	237,709	395,943
1944.....	12	4	67	118,972	189,718	280,803	489,256
1945.....	12	4	64	126,940	153,466	517,685	704,663
1946.....	13	4	92	200,560	172,845	408,727	646,295
1947.....	14	4	145	313,281	690,533	525,030	1,344,109

¹ See footnote 1, Table 1.² See footnote 2, Table 1.³ Includes Yukon.⁴ Not collected.

3.—Summary Statistics of Manufactures, by Industrial Groups, Significant Years, 1917-47

Industrial Group and Year	Establishments	Capital	Employees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
Vegetable Products—							
1917.....	4,151	279,627,827	62,777	45,915,557	367,214,061	183,782,501	550,996,562
1920.....	4,549	402,383,047	74,241	77,750,189	536,828,044	239,328,371	776,156,415
1929 ²	5,350	581,820,861	91,032	95,853,121	431,595,751	341,688,938	783,706,883
1933.....	5,916	522,389,736	75,416	68,535,349	226,879,373	196,820,952	432,315,617
1937.....	5,968	539,531,357	94,258	94,632,901	395,491,147	266,869,693	672,540,163
1939.....	5,872	539,446,225	99,447	104,248,785	356,726,153	292,129,840	659,624,014
1941.....	5,948	634,728,760	113,753	131,066,093	532,876,217	349,912,287	897,978,448
1942.....	5,985	656,756,413	115,476	145,000,211	552,791,525	396,956,313	965,896,035
1943.....	5,913	684,292,303	117,243	157,733,379	635,042,582	410,340,183	1,062,561,932
1944.....	5,941	"	130,679	183,943,948	763,606,750	485,551,491	1,270,518,297
1945.....	5,862	"	135,311	196,010,688	802,367,469	529,112,219	1,352,986,147
1946.....	5,916	"	137,170	206,893,681	871,456,061	575,963,454	1,649,914,130
1947.....	6,032	"	144,290	241,154,208	1,102,727,365	654,939,477	1,782,339,081
Animal Products—							
1917.....	5,486	207,165,245	46,994	35,753,133	320,302,039	124,103,990	444,406,029
1920.....	4,823	221,792,457	48,687	54,291,606	400,496,354	152,995,130	557,991,484
1929 ²	4,490	243,825,065	67,670	62,081,423	345,351,882	127,929,857	477,761,855
1933.....	4,996	201,993,642	53,111	46,453,188	179,429,948	87,629,444	271,066,210
1937.....	4,435	230,312,163	67,996	64,816,361	326,537,087	118,117,971	449,783,908
1939.....	4,362	250,335,831	69,358	68,231,871	333,647,306	122,821,410	461,983,262
1941.....	4,240	303,657,373	82,131	90,185,037	534,909,242	165,416,939	708,220,447
1942.....	4,392	322,045,016	87,038	103,620,997	649,160,318	203,152,956	861,190,126
1943.....	4,380	324,811,863	88,037	114,467,581	750,435,541	211,149,715	971,190,128
1944.....	4,385	"	94,195	129,215,386	835,586,247	246,064,720	1,092,015,647
1945.....	4,470	"	98,267	138,405,263	839,885,434	261,069,677	1,111,929,735
1946.....	4,528	"	102,844	151,517,837	849,242,804	271,279,430	1,132,233,759
1947.....	4,457	"	102,106	166,221,365	929,179,962	316,673,669	1,259,170,471
Textiles and Textile Products—							
1917.....	1,067	191,338,745	76,978	47,764,436	131,225,032	109,904,530	241,129,562
1920.....	1,304	302,758,185	87,730	84,433,609	256,233,300	173,741,035	429,974,335
1929 ²	1,534	360,762,584	103,881	94,969,433	217,954,088	180,469,064	403,205,809
1933.....	1,740	298,730,436	95,707	72,813,424	143,184,861	131,065,992	279,475,267
1937.....	1,941	322,204,180	121,677	105,056,051	219,813,775	174,076,945	400,383,726
1939.....	1,930	347,248,927	121,022	107,117,035	203,618,197	181,927,898	392,657,759
1941.....	2,104	439,078,775	156,892	159,339,028	367,149,392	290,105,448	666,438,539
1942.....	2,365	464,161,573	165,478	185,731,313	441,718,052	341,475,081	793,304,750
1943.....	2,384	455,056,029	157,987	191,305,628	446,136,675	334,242,717	790,659,927
1944.....	2,481	"	153,122	195,805,681	419,988,642	351,186,485	781,771,688
1945.....	2,740	"	158,148	207,629,471	429,208,436	367,980,705	807,722,241
1946.....	3,082	"	164,737	228,018,323	459,664,221	418,263,665	888,658,943
1947.....	3,216	"	176,065	268,104,889	500,634,708	488,983,044	1,062,041,265
Wood and Paper Products—							
1917.....	7,263	536,320,247	152,277	113,359,997	148,277,935	245,372,487	393,650,422
1920.....	7,881	774,937,232	144,391	172,368,578	309,813,724	417,256,115	727,069,839
1929 ²	7,392	1,151,463,962	164,572	192,088,948	313,797,201	381,485,477	724,972,308
1933.....	7,891	892,652,622	105,080	102,218,652	134,663,641	184,233,540	341,336,701
1937.....	8,497	927,070,757	147,254	165,298,485	256,269,941	306,961,553	597,061,878
1939.....	8,538	960,804,672	144,782	165,287,455	246,292,820	303,662,441	579,892,183
1941.....	9,420	1,086,022,546	179,967	227,821,739	386,999,813	463,967,834	892,936,114
1942.....	10,222	1,080,457,129	186,106	252,179,776	428,526,286	488,433,355	961,842,906
1943.....	9,974	1,103,984,216	183,865	264,844,792	447,399,954	508,835,982	1,001,563,243
1944.....	10,452	"	189,674	284,436,559	497,656,158	550,826,986	1,093,725,822
1945.....	10,653	"	199,373	306,179,416	551,143,890	586,057,023	1,184,650,720
1946.....	11,994	"	224,121	366,049,562	679,343,485	749,055,011	1,484,436,122
1947.....	12,985	"	248,450	460,371,358	895,117,041	991,750,398	1,954,298,347
Iron and Its Products—							
1917.....	1,495	695,677,552	161,745	161,875,424	378,193,116	371,792,489	749,985,605
1920.....	1,789	726,371,335	164,087	231,595,911	377,499,134	411,875,057	789,374,191
1929 ²	1,224	826,063,942	142,772	203,740,658	405,818,468	367,465,582	790,726,338
1933.....	1,334	614,632,403	73,348	72,296,179	98,793,191	109,198,169	216,828,992
1937.....	1,345	651,398,528	127,148	163,261,130	328,091,063	280,165,582	624,819,877
1939.....	1,394	697,893,720	121,041	158,559,728	262,292,781	275,774,796	553,468,880
1941.....	1,759	1,138,701,669	253,701	408,064,135	715,959,982	735,511,841	1,483,169,765
1942.....	1,931	1,446,215,017	360,845	639,330,901	985,960,237	1,084,424,334	2,112,822,237
1943.....	2,044	1,852,506,052	435,744	833,383,684	1,131,858,008	1,396,768,112	2,575,976,547
1944.....	2,192	"	411,944	818,452,454	1,104,083,922	1,390,703,087	2,540,992,974
1945.....	2,188	"	321,719	637,335,990	887,425,621	1,046,097,484	1,975,310,083
1946.....	2,358	"	249,279	475,812,983	635,344,199	735,459,371	1,405,542,865
1947.....	2,469	"	263,482	559,965,501	871,965,295	939,220,774	1,854,915,562

¹ See footnote 1, Table 1.² See footnote 2, Table 1.³ Not collected.

3.—Summary Statistics of Manufactures, by Industrial Groups, Significant Years, 1917-47—concluded

Industrial Group and Year	Estab-lish-ments	Capital	Em-employees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
Non-ferrous Metal Products—							
1917.....	296	69,421,911	18,220	15,898,890	46,445,469	41,039,351	87,484,820
1920.....	324	109,382,033	23,162	27,895,343	48,434,120	52,847,178	101,281,298
1929 ²	408	298,721,106	39,867	54,501,806	124,900,632	150,415,215	283,545,666
1933.....	478	266,266,443	25,273	28,099,026	71,990,608	88,427,984	164,765,604
1937.....	526	306,522,643	44,614	57,722,728	282,532,128	182,968,223	482,440,562
1939.....	526	346,489,890	44,563	59,684,858	242,063,177	155,808,806	416,060,459
1941.....	579	545,862,427	73,450	108,895,000	406,132,161	288,823,325	726,348,447
1942.....	596	612,513,064	90,937	146,690,366	505,122,844	355,005,408	901,569,437
1943.....	597	674,802,402	109,522	186,874,396	615,283,895	369,005,912	1,034,390,379
1944.....	635	3	104,314	182,909,292	549,317,062	399,498,519	992,345,975
1945.....	683	3	88,350	158,358,737	429,913,071	316,572,975	779,384,900
1946.....	740	3	84,853	150,366,178	413,022,247	278,461,262	719,191,106
1947.....	799	3	96,080	194,937,584	596,648,463	402,021,896	1,034,580,717
Non-metallic Mineral Products—							
1917.....	1,075	145,423,082	20,795	18,224,724	36,994,392	58,092,396	95,086,788
1920.....	846	215,281,921	25,500	32,351,764	69,856,558	80,205,472	150,062,030
1929 ²	843	316,692,818	29,257	38,958,390	112,573,103	99,065,847	229,774,300
1933.....	770	295,139,543	16,975	19,282,401	69,077,701	52,817,078	131,325,706
1937.....	823	287,473,542	23,837	30,389,958	115,938,578	77,667,225	208,205,148
1939.....	809	290,865,285	23,026	30,067,934	107,979,292	85,511,631	208,166,781
1941.....	773	325,032,038	28,829	42,376,214	183,140,990	117,425,887	324,289,898
1942.....	782	329,401,312	30,707	48,702,880	191,143,787	141,216,996	358,075,414
1943.....	747	351,164,254	30,994	53,282,340	215,139,225	146,460,170	388,713,942
1944.....	748	3	31,590	56,130,338	234,714,319	152,525,053	416,268,879
1945.....	789	3	32,525	57,193,679	231,341,920	145,197,043	405,736,477
1946.....	910	3	36,493	63,848,640	240,485,869	173,638,196	446,484,682
1947.....	943	3	39,212	79,146,075	323,687,397	199,351,736	563,119,918
Chemicals and Allied Products—							
1917.....	539	175,836,690	56,153	51,505,484	99,068,092	131,381,995	230,450,087
1920.....	464	122,123,730	17,653	22,193,421	62,644,608	65,183,212	127,827,820
1929 ²	554	165,886,912	16,694	22,639,499	55,184,337	78,785,911	138,545,221
1933.....	696	153,900,930	15,397	18,738,629	34,271,854	55,394,284	92,820,761
1937.....	754	161,165,068	21,965	28,612,719	64,460,947	79,290,240	148,973,220
1939.....	808	172,459,365	22,595	31,567,558	65,230,839	89,046,832	159,536,984
1941.....	849	358,429,529	54,014	75,634,741	134,924,947	157,304,350	304,400,569
1942.....	928	471,679,779	93,030	134,345,942	233,386,894	252,390,766	501,656,123
1943.....	945	759,864,951	92,288	146,677,194	368,111,343	379,453,873	765,217,887
1944.....	981	3	81,822	137,422,977	360,412,749	355,260,598	733,569,232
1945.....	973	3	60,723	106,017,985	212,197,636	249,701,603	478,532,689
1946.....	1,017	3	37,278	66,538,532	159,308,350	203,639,442	376,288,264
1947.....	1,031	3	38,491	77,479,719	205,541,145	228,786,192	449,959,792
Miscellaneous Industries—							
1917.....	473	33,179,930	10,584	7,504,199	11,958,675	15,662,241	27,620,916
1920.....	552	48,637,071	13,442	14,613,455	23,465,807	27,841,778	51,307,585
1929 ²	421	59,654,759	10,786	12,457,989	22,495,351	28,081,046	51,207,736
1933.....	459	33,554,083	8,351	7,810,976	9,497,751	14,083,738	24,138,927
1937.....	545	39,549,593	11,699	11,936,704	17,792,121	22,807,435	41,251,081
1939.....	566	41,480,534	12,280	13,045,929	18,308,810	24,368,247	43,393,206
1941.....	621	73,990,849	18,441	21,480,656	34,818,275	36,651,877	72,525,897
1942.....	657	105,556,242	22,474	27,202,456	49,292,782	46,918,549	97,437,944
1943.....	668	110,684,657	25,388	38,723,890	81,085,860	60,156,877	142,587,014
1944.....	665	3	25,542	41,304,732	66,967,507	84,159,068	152,454,005
1945.....	692	3	24,956	38,642,220	90,185,370	62,527,170	154,115,874
1946.....	704	3	21,381	31,641,518	50,387,530	61,245,149	112,942,600
1947.....	802	3	23,574	38,542,267	48,778,643	70,328,616	120,601,427

¹ See footnote 1, Table 1.² See footnote 2, Table 1.³ Not collected.

4.—Significant Statistics of Manufactures, for certain Years, 1917-47

Item	1917	1920	1920 ¹	1933	1939	1944	1946	1947
Establishments.....	No.							
Capital.....	\$	21,845	22,532	23,780	24,805	28,483	31,249	32,734
Averages, per establishment.....	\$	2,333,991,229	2,923,667,011	3,279,259,838	3,647,024,449	—	—	—
Averages, per employee.....	\$	106,843	129,756	137,900	147,028	—	—	—
Averages, per wage-earner.....	\$	3,848	6,009	6,987	5,542	—	—	—
Totals, employees.....	No.	4,309	5,616	8,584	6,838	1,222,882	1,058,156	1,131,750
Averages, per establishment.....	No.	27.8	26.6	19.7	26.5	42.9	33.9	34.6
Totals, salaries and wages.....	\$	407,801,844	717,493,876	436,247,894	737,811,153	2,029,621,370	1,740,687,254	2,085,925,966
Averages, per establishment.....	\$	22,788	31,843	18,345	29,744	71,257	55,704	63,724
Averages, per employee.....	\$	64,821	1,166	931	1,121	1,660	1,645	1,843
Employees on salaries.....	No.	64,918	78,334	88,841	124,772	192,558	181,006	191,100
Averages, per establishment.....	No.	3.0	3.5	3.6	3.8	192,558	181,006	191,100
Salaries.....	\$	85,353,667	141,837,361	139,317,946	217,839,334	418,065,994	410,875,776	474,693,800
Averages, per salaried employee.....	\$	1,315	1,811	1,608	1,746	2,171	2,270	2,484
Employees on wages.....	No.	541,605	520,559	382,022	533,342	1,030,324	877,180	940,650
Averages, per establishment.....	No.	24.8	23.1	16.1	21.5	36.2	28.1	28.7
Wages.....	\$	412,448,177	575,656,515	296,929,878	519,971,819	1,611,555,776	1,329,811,478	1,611,232,166
Averages, per wage-earner.....	\$	762	1,106	777	975	1,564	1,516	1,713
Cost of materials.....	\$	1,539,678,811	2,085,276,649	967,788,928	1,836,159,375	4,832,333,356	4,358,234,766	5,534,280,019
Averages, per establishment.....	\$	70,482	92,547	40,698	74,024	169,657	139,463	169,068
Averages, per employee.....	\$	2,539	3,482	2,065	2,790	3,952	4,119	4,890
Values added in manufacture ³	\$	1,281,131,980	1,621,273,348	919,671,181	1,531,051,901	4,015,776,010	3,467,004,980	4,292,055,802
Averages, per establishment ³	\$	58,646	71,954	38,674	61,724	140,989	110,948	131,119
Averages, per employee ³	\$	2,112	2,707	1,962	2,326	3,284	3,276	3,792
Gross value of products.....	\$	2,820,810,791	3,706,544,997	1,954,075,785	3,474,783,328	9,073,692,519	8,035,692,471	10,081,026,580
Averages, per establishment.....	\$	129,128	164,501	82,173	140,084	318,565	257,150	307,988
Averages, per employee.....	\$	4,651	6,189	4,170	5,280	7,420	7,594	8,907
Power employed.....	h.p.	1,658,475	2,068,875	4,135,008	5,045,287	6,468,439	6,783,940	7,399,169
Averages, per establishment.....	h.p.	76	92	174	203	217	217	226
Averages, per wage-earner.....	h.p.	3.06	3.97	10.82	9.46	6.28	7.73	7.87

¹ A change in the method of computing the number of wage-earners in the years 1925 to 1930, inclusive, increased the number somewhat over that which the method otherwise used would have given. There was, therefore, a proportionate reduction in the averages for 1925-30 per employee and wage-earner, as compared with what these averages would have been under the other method. In 1931, however, the method in force prior to 1925 was re-adopted. The figures for 1931 and later years are, therefore, comparable with those for 1924 and earlier years.

² Not collected.

³ Net values of products; see footnote 1, Table 1.

The figures in Table 4 trace the tendencies in Canadian manufacturing industries as clearly as possible through the past 30 years of development. In analysing statistics of production and materials used, price changes should be borne in mind particularly the inflation of values from 1914 through the immediate post-war period, the drop in prices of commodities during the depressions following 1921 and 1930, and the increase again in the recent war and post-war period. The figure that shows most clearly the trend of development is concerned with the use of power. The total horse-power employed increased from 1,658,475 in 1917 to 9,399,169 in 1947, an increase of about 346 p.c. in 30 years. In the same period, horse-power per wage-earner showed an interrupted trend from 3.06 to 10.82 in 1933 and 9.46 in 1939. With the large increase in the number of wage-earners on war production, and the more efficient utilization of the equipment available, the horse-power per wage-earner dropped to 6.28 in 1944; the increasing installation of power machinery and the decline in employment after the War resulted in a rise to 7.87 in 1947. The significant feature is the increase in both the absolute figures of power employed and the averages per wage-earner during the depression years as compared with 1929, although the large numbers of persons again finding employment since 1933 reduced the averages for the years 1934 to 1937 and again for 1940 to 1945. Other interesting comparisons are the trend of value added by manufacture, per employee, and of average salaries and wages paid since 1929.

Subsection 2.—Consumption of Manufactured Products

One of the beneficial results of adopting the same classification for external trade and for production is exhibited in Table 5, where the value of commodities made available for consumption in Canada is derived from these statistics. For example, the value of all manufactured commodities made available in 1947 was \$9,884,536,356, a figure obtained by adding to the value of manufactured products the value of the imports of manufactured and partly manufactured goods and deducting the value of the exports. In this table more accurate statistics could be presented were it possible to exclude from the gross value of manufactured products the duplications involved when the products of one manufacturing establishment become the material worked upon in another. Iron, vegetable, textile, wood and paper, and animal were, in that order, the leading groups in the value of finished products made available for consumption in 1947. Vegetable, animal, wood and paper, and non-ferrous metal products were manufactured in Canada in greater quantities than required for home consumption, providing export balances in these groups.

On balance, Canada in the past imported large quantities of iron and steel, textile and non-metallic mineral products in spite of large home production. The expansion of the iron and steel, chemical and non-ferrous metals industries will enable Canada to meet more of her requirements for home consumption and to export greater quantities in the future.

5.—Consumption of Manufactured Products, 1928-1947 and by Industrial Groups, 1947

Year	Value of Products Manufactured	Manufactured and Partly Manufactured Goods ¹		Value of Manufactured Products Available for Consumption
		Value of Net Imports	Value of Domestic Exports	
	\$	\$	\$	\$
1928.....	3,582,345,302	954,387,551	698,376,615	3,838,356,238
1929.....	3,883,446,116	939,130,201	686,876,071	4,135,700,246
1930.....	3,280,236,603	675,828,233	490,108,470	3,465,956,366
1931.....	2,555,126,448	423,519,849	347,456,198	2,631,190,099
1932.....	1,980,471,543	281,855,757	267,765,614	1,994,561,686
1933.....	1,954,075,785	298,068,344	365,232,113	1,886,912,016
1934.....	2,393,692,729	357,320,284	419,094,297	2,331,918,716
1935.....	2,653,911,209	385,597,041	582,041,141	2,457,467,109
1936.....	3,002,403,814	468,455,981	676,890,803	2,793,968,992
1937.....	3,625,459,500	566,876,483	781,099,407	3,411,236,576
1938.....	3,337,681,366	472,193,253	587,758,795	3,222,115,824
1939.....	3,474,783,528	542,364,930	646,853,938	3,370,294,520
1940.....	4,529,173,316	807,636,948	913,049,979	4,423,760,285
1941.....	6,076,308,124	1,123,994,913	1,292,855,603	5,907,447,434
1942.....	7,553,794,972	1,283,884,068	2,056,368,079	6,781,310,961
1943.....	8,732,860,999	1,305,838,746	2,444,862,298	7,593,837,447
1944.....	9,073,692,519	1,302,413,996	2,668,575,781	7,707,530,734
1945.....	8,250,368,866	1,117,544,874	2,352,441,796	7,015,471,944
1946.....	8,035,692,471	1,390,123,100	1,701,677,026	7,724,138,545
Industrial Group, 1947				
Vegetable products.....	1,782,339,081	193,210,450	294,134,292	1,681,415,239
Animal products.....	1,259,170,471	46,560,304	195,049,255	1,110,681,520
Textiles and textile products.....	1,062,041,265	298,313,432	48,216,682	1,312,138,015
Wood and paper products.....	1,954,298,347	86,193,729	834,679,921	1,205,812,155
Iron and its products.....	1,854,915,562	737,970,900	267,132,754	2,325,753,708
Non-ferrous metal products.....	1,034,580,717	138,116,713	268,573,270	904,124,160
Non-metallic mineral products.....	563,119,918	161,248,581	50,051,060	674,317,439
Chemicals and allied products.....	449,959,792	111,217,338	83,803,909	477,373,221
Miscellaneous industries.....	120,601,427	155,418,672	83,099,200	192,920,899
Totals, 1947.....	10,081,026,580	1,928,250,119	2,124,740,343	9,884,536,356

¹ Figures for the years 1928-38 are for the fiscal years ended Mar. 31 of the following years; for 1939-47 they are for the calendar year. Net imports are total imports less foreign products re-exported.

Section 2.—Value and Volume of Manufactured Products

Value of Manufactured Products.—In the interpretation of manufacturing values over a number of years, variations in the level of prices must be borne in mind, especially when such variations have been as great as those in the period since the annual Census of Manufactures was begun in 1917. The index number of wholesale prices in Canada, on the 1926 base, compiled by the Dominion Bureau of Statistics, stood at 114.3 in 1917, 155.9 in 1920, 97.3 in 1922, 95.6 in 1929, 67.1 in 1933, 84.6 in 1937, 75.4 in 1939 and 129.1 p.c. in 1947. Index numbers of the prices of fully or chiefly manufactured goods were: 113.5 in 1917, 156.5 in 1920, 100.4 in 1922, 93.0 in 1929, 70.2 in 1933, 80.5 in 1937, 75.3 in 1939 and 117.4 p.c. in 1947.

Volume of Manufacturing Production.—Since real income is ultimately measured in goods and services, the growth of the volume of manufacturing production, as distinguished from its value, becomes a matter of great significance. The important thing to know is whether consumers are getting more goods and services, not whether they are expending more dollars and cents.

The indexes of volume (Table 6) are based on quantities of manufactured products reported and the industry indexes are weighted according to the values added by manufacture. The indexes for the years 1923-31 are based on the values added in 1926. The weights and products used were changed in 1931, 1936 and then again in 1941. By thus changing the construction of the index every five years, current changes in production are reflected more accurately.

The physical volume of manufacturing production increased 50 p.c. from 1923 to 1929. When it is recalled that the population of Canada is estimated to have increased only 11 p.c. during the same period, the growth of manufacturing production is indeed remarkable. Of this advance, the part resulting from an increase in the domestic demand due to growth of population would therefore be about 11 p.c. Exports of partly and fully manufactured goods increased from \$591,830,000 in the fiscal year ended Mar. 31, 1924, to \$686,876,000 in the fiscal year 1929-30, the increase in exports representing about 3.6 p.c. of the 1923 production. The remainder of the increase in production by 1929, or a margin equal to roughly 35 p.c. of the volume of manufactures of 1923, was, therefore, apparently absorbed by increases in capital equipment and by the rise in the standard of living of the population of Canada.

A similar analysis of the volume of manufactures since 1929 in relation to population and exports shows that the decline in the depression preceding the Second World War was due chiefly to reduced exports and a cessation in production of capital equipment. As a result of expansion during the War, the physical volume of production in 1943, when production was at an all-time high, was 77 p.c. above 1939 and 85 p.c. above 1929. The chemical and allied products group, with an increase of 262 p.c., reported the greatest expansion in output since 1939. This was followed by the iron and its products group with an increase of 222 p.c., non-ferrous metal products 130 p.c., miscellaneous industries 68 p.c., non-metallic mineral products 56 p.c., animal products 40 p.c., textiles and textile products 34 p.c., vegetable products 25 p.c., and wood and paper products 21 p.c. There was also an increase in the volume of consumer goods. As was to be expected, the increase was not so great as that for the output of equipment and supplies needed by the Armed Forces. Drink and tobacco increased by 51 p.c., food 27 p.c. and clothing 25 p.c.

In 1946 the index of the physical volume of production at 150.3 represented a drop of 19.9 p.c. from the high mark attained in 1943. Chemicals and allied products had the sharpest decline of 65.2 p.c., followed by iron and its products with 44.7 p.c.; non-ferrous metal products 39.1 p.c.; miscellaneous industries 9.3 p.c.; and textiles and textile products 4.4 p.c. The wood and paper, vegetable, non-metallic mineral and animal products groups on the other hand reported an increase in the volume of production. The volume of consumer goods continued to rise with the books and stationery group reporting an increase of 28.3 p.c., followed by drink and tobacco with 26.3 p.c., personal utilities 25.4 p.c., house furnishings 15.8 p.c., food 11.9 p.c. and clothing 5.0 p.c. Industrial equipment and producers materials were both down with declines of 25.7 and 15.1 p.c. respectively. Vehicles and vessels had the greatest decline of 52.1 p.c.

The index for 1947 has not yet been compiled. This will be done as soon as the indexes for 1940 to 1946 have been revised in accordance with supplementary information now available.

6.—Indexes of the Volume of Manufacturing Production, According to Component Material and Purpose Classifications, 1923-46

(1935-39=100)

NOTE.—The indexes for 1940 to 1946 are being revised in the light of supplementary information now available.

Year	COMPONENT MATERIAL CLASSIFICATION GROUPS									
	Vegetable	Animal	Textiles	Wood and paper	Iron	Non-ferrous metal	Non-metallic mineral	Chemicals	Miscellaneous	All Industries
1923.....	62.6	75.0	64.3	65.1	81.5	42.7	81.8	59.2	99.5	67.5
1924.....	67.8	80.4	62.1	64.0	68.6	46.4	78.9	60.5	95.0	66.3
1925.....	75.1	84.8	66.5	69.0	79.9	52.5	80.3	64.8	94.5	72.5
1926.....	80.2	92.2	75.8	78.1	102.6	58.6	89.6	70.5	104.4	82.5
1927.....	84.9	90.0	81.4	84.1	104.1	67.6	102.3	75.2	114.2	87.9
1928.....	93.5	92.9	87.0	92.5	117.1	75.3	116.3	82.7	110.5	95.8
1929.....	96.4	87.9	86.1	99.6	133.4	81.3	137.1	84.8	105.6	101.4
1930.....	91.6	85.3	80.0	92.1	108.6	76.8	122.9	74.9	87.8	91.9
1931.....	83.4	77.4	78.2	76.6	82.8	73.1	105.6	69.2	80.0	79.9
1932.....	74.1	76.7	74.6	68.0	53.5	58.9	75.1	66.0	75.8	67.6
1933.....	72.8	79.6	81.1	69.6	50.2	57.6	68.8	69.9	71.9	67.7
1934.....	82.4	86.5	89.5	81.5	67.6	70.8	82.5	79.3	85.2	79.6
1935.....	87.0	91.3	94.5	89.5	83.4	81.2	88.1	87.2	91.1	87.9
1936.....	95.9	98.7	99.9	98.4	93.5	91.5	96.8	93.6	91.7	96.2
1937.....	104.5	102.7	106.0	109.6	118.1	110.1	111.3	107.3	106.6	108.9
1938.....	102.4	100.3	94.5	97.8	102.8	106.0	101.6	102.9	105.3	100.8
1939.....	109.0	107.2	104.9	104.4	101.9	111.1	105.1	108.9	110.7	106.3
1940.....	117.9	118.7	124.8	117.8	141.2	133.2	127.8	130.2	116.3	125.2
1941.....	137.2	138.2	143.1	131.3	217.1	165.4	148.8	219.6	157.4	155.9
1942.....	136.4	145.0	152.4	131.2	289.2	213.7	157.6	369.6	180.2	179.9
1943.....	135.8	150.5	140.2	126.7	328.3	255.4	163.5	394.8	186.0	187.7
1944.....	155.0	155.9	136.2	129.1	300.5	229.6	166.5	338.8	192.0	180.8
1945.....	159.0	159.9	134.7	136.2	247.7	177.6	165.6	257.2	195.6	165.3
1946.....	166.6	157.0	134.1	155.5	181.7	155.6	176.2	137.3	168.7	150.3

Year	PURPOSE CLASSIFICATION GROUPS									
	Food	Clothing	Drink and tobacco	Personal utilities	House furnishings	Books and stationery	Producer materials	Industrial equipment	Vehicles and vessels	All Industries
1923.....	73.7	69.2	50.1	85.1	62.1	56.1	69.3	64.3	77.4	67.5
1924.....	79.0	69.3	57.4	81.2	69.4	46.8	65.8	64.2	67.4	66.3
1925.....	84.0	74.4	61.0	87.0	67.7	54.8	71.9	69.6	83.3	72.5
1926.....	87.0	83.5	65.9	99.6	78.7	60.3	81.6	84.3	108.3	82.5
1927.....	85.0	89.0	75.8	105.9	95.0	67.0	86.6	91.7	115.2	87.9
1928.....	90.2	96.0	86.0	106.5	98.3	74.1	95.7	101.6	122.6	95.8
1929.....	89.4	95.8	92.6	101.5	108.3	79.3	101.8	109.2	142.6	101.4
1930.....	91.0	88.5	86.3	84.1	98.8	78.7	90.7	97.0	115.6	91.9
1931.....	83.4	85.1	78.0	78.2	85.9	75.0	76.4	82.0	82.7	79.9
1932.....	80.6	77.8	67.0	70.3	70.7	76.9	61.2	63.7	56.8	67.6
1933.....	79.9	81.7	63.4	70.7	68.7	73.5	63.6	59.2	57.7	67.7
1934.....	87.8	87.7	72.7	79.5	79.1	83.6	77.3	73.8	76.6	79.6
1935.....	90.5	92.2	82.5	87.6	85.9	93.4	86.2	84.7	90.5	87.9
1936.....	98.8	97.9	90.9	94.3	95.4	96.3	97.0	94.9	94.3	96.2
1937.....	101.5	103.9	107.6	106.7	110.5	101.7	111.8	113.3	118.0	108.9
1938.....	102.4	97.9	107.5	103.0	101.6	103.8	98.0	102.0	99.9	100.8
1939.....	107.0	108.2	111.6	108.5	106.5	104.7	106.9	105.1	97.4	106.3
1940.....	115.0	119.9	129.7	115.1	120.5	102.8	128.7	138.7	129.5	125.2
1941.....	131.7	136.0	149.5	140.0	140.4	112.8	151.1	184.9	230.8	155.9
1942.....	130.6	142.7	171.2	144.6	149.4	106.6	172.3	222.8	310.2	179.9
1943.....	135.7	134.9	167.9	141.7	149.7	107.2	172.7	257.0	373.0	187.7
1944.....	147.5	135.7	193.0	143.9	153.6	110.7	164.4	237.6	369.5	180.8
1945.....	149.0	136.7	203.5	158.9	156.1	120.4	152.8	208.6	289.4	165.3
1946.....	151.9	141.6	212.0	177.7	173.3	137.5	146.6	191.0	178.6	150.3

7.—Indexes of the Volume of Manufacturing Production for the Groups of the Purpose Classification, Significant Years, 1923-46

(1935-39=100)

Group and Classification	1923	1929	1933	1939	1943	1945	1946
Food	73.7	89.4	79.9	107.0	135.7	149.0	151.9
Breadstuffs.....	81.0	98.7	84.3	106.9	138.7	144.5	151.3
Fish.....	108.5	114.1	86.7	98.8	131.9	161.5	156.8
Fruit and vegetable preparations.....	32.9	70.8	64.5	109.9	107.0	133.7	175.4
Meats.....	72.7	78.5	76.2	106.0	165.3	176.4	159.2
Milk products.....	69.8	77.2	78.7	107.3	145.5	148.7	141.2
Oils and fats.....	52.0	40.9	41.9	156.4	314.0	336.6	356.7
Sugar.....	79.2	88.5	82.5	109.4	83.3	95.0	92.8
Infusions.....	64.4	75.0	82.5	105.8	156.2	195.5	196.0
Miscellaneous.....	46.5	67.4	66.5	110.4			
Clothing	69.2	95.8	81.7	108.2	134.9	136.7	141.6
Boots and shoes.....	73.0	100.6	80.0	113.4	107.9	129.9	140.5
Fur goods.....	41.1	97.6	81.0	118.3	169.7	195.0	206.9
Garments and personal furnishings.....	75.3	94.2	80.2	103.1	153.9	144.4	145.6
Gloves and mittens.....	59.2	84.0	76.4	100.4	167.1	172.5	170.7
Hats and caps.....	58.6	95.3	74.3	104.5	130.9	123.9	133.8
Knitted goods.....	64.8	86.1	83.1	112.4	118.2	120.4	125.8
Waterproofs.....	48.9	89.8	65.7	100.4	250.0	160.9	159.3
Drink and Tobacco	50.1	92.6	63.4	111.6	167.9	203.5	212.0
Beverages, alcoholic.....	49.5	105.9	60.5	102.8	165.8	229.5	258.2
Beverages, non-alcoholic.....	35.9	61.3	54.9	136.4	178.6	171.8	187.8
Tobacco.....	55.3	90.7	77.1	111.3	170.6	210.1	189.2
Personal Utilities	85.1	101.5	70.7	108.5	141.7	158.9	177.7
Jewellery and time-pieces.....	78.4	88.5	67.7	108.1	140.0	167.6	207.2
Recreational supplies.....	193.3	176.7	48.2	114.1	152.4	189.2	218.6
Personal utilities.....	56.1	79.8	78.1	107.5	142.6	155.2	160.6
House Furnishings	62.1	108.3	68.7	106.5	149.7	156.1	173.3
Books and Stationery	56.1	79.3	73.5	104.7	107.2	120.4	137.5
Producers Materials	69.3	101.8	63.6	106.9	172.7	152.8	146.6
Farm materials (fertilizers).....	8.0	13.4	51.7	124.8	204.5	236.3	303.2
Manufacturers materials.....	58.7	88.1	64.4	105.6	169.1	146.8	141.1
Building materials.....	109.3	152.9	58.8	111.2	154.8	162.7	188.4
General materials.....	86.0	120.3	69.3	108.5	190.0	202.8	206.9
Industrial Equipment	64.3	109.2	59.2	105.1	257.0	208.6	191.0
Farming equipment.....	97.7	144.7	43.3	85.1	240.7	211.0	204.8
Manufacturing equipment.....	66.5	101.3	44.9	107.6	293.5	244.1	243.7
Trading equipment.....	55.2	77.2	80.0	107.7	Nil	Nil	Nil
Service equipment.....	67.7	75.8	72.5	100.4	317.8	220.9	152.0
Light, heat and power equipment.....	46.6	104.8	61.7	105.0	220.7	199.7	193.9
General equipment.....	74.2	114.4	58.5	106.4	292.8	217.3	191.2
Vehicles and Vessels	77.4	142.6	57.7	97.4	373.0	289.4	178.6
Miscellaneous	45.0	66.2	59.9	115.5	405.1	257.8	105.9
Totals, All Manufactures	67.5	101.4	67.7	106.3	187.7	165.3	150.3

Section 3.—Production by Industrial Groups and Individual Industries

For the purposes of the Census of Manufactures, the main detailed analysis is made under a classification in which industries are grouped according to the chief component materials of the goods manufactured. This is, therefore, the grouping used in Table 9, where the statistics of individual industries are presented in detail and in the historical series shown in Table 3. However, there are also less detailed analyses given under the standard classification grouping in Tables 10 and 11, the purpose grouping in Table 12 and origin grouping in Table 13.

Subsection 1.—Manufactures Grouped by Chief Component Materials

A classification based on the chief component materials in the various products of each manufacturing establishment was applied for the first time in the compilation of the returns for 1920. The number of groups was reduced from fifteen to nine to correspond with the external trade classification and the classes of industry were somewhat altered to conform with recent industrial developments. Subsequently, a number of minor changes were made, the most important being the elimination of

central electric stations and the dyeing, cleaning and laundry industry from the compilation in 1936. Revisions due to these changes have been carried back to 1917 in so far as possible.

Recent Changes in Manufacturing Production.—Table 8 shows the the recovery after the depression and the impact of the Second World War upon the main groups of industries with regard to the numbers employed, the salaries and wages paid, and the gross value of products. Owing to the price decline during the depression, money values of both wages and products were naturally affected more than number of employees. Furthermore, during periods of curtailed production there is a tendency for wage-earners to be put on part time, while the number of salaried employees responds less quickly to reduction in output than that of wage-earners. Therefore, there are several reasons why the variation in number of employees should be less than that of money values. The figures of Table 8 are to be compared with those of Table 6 which shows changes in volume of production. Compared with 1939, the number of employees in 1944 increased by 86 p.c. as compared with an increase of 70 p.c. in the physical volume of production. Salaries and wages paid were 175 p.c. higher and the gross value of production 161 p.c. higher. Another significant change is the increase in the proportion of women engaged in manufacturing. Whereas in 1939, there were 281 females to every 1,000 males employed, in 1944 this figure jumped to 403.

8.—Percentage Variations in Employment, Salaries and Wages, and Gross Value of Products in the Main Industrial Groups, Compared for Significant Years, 1933-47

Industrial Group	1939 Compared with 1933			1944 Compared with 1939		
	Em- ployees	Salaries and Wages	Gross Value of Pro- ducts	Em- ployees	Salaries and Wages	Gross Value of Pro- ducts
Vegetable products.....	+31.9	+ 52.1	+ 52.6	+ 31.4	+ 76.4	+ 92.6
Animal products.....	+30.6	+ 46.9	+ 70.4	+ 35.8	+ 89.4	+136.4
Textiles and textile products.....	+26.5	+ 47.1	+ 40.5	+ 26.5	+ 82.8	+ 99.1
Wood and paper products.....	+37.8	+ 61.7	+ 69.9	+ 31.0	+ 72.1	+ 88.6
Iron and its products.....	+65.0	+119.3	+155.3	+240.3	+416.2	+359.1
Non-ferrous metal products.....	+76.3	+112.4	+152.5	+134.1	+206.5	+138.5
Non-metallic minerals products.....	+35.6	+ 55.9	+ 58.5	+ 37.2	+ 86.7	+100.0
Chemicals and allied products.....	+46.7	+ 68.5	+ 71.9	+262.1	+335.3	+359.8
Miscellaneous products.....	+47.0	+ 67.0	+ 79.8	+108.0	+216.6	+251.4
Averages, All Industries.....	+40.4	+ 69.1	+ 77.8	+ 85.8	+175.1	+161.1
Industrial Group	1947 Compared with 1944			1947 Compared with 1946		
	Em- ployees	Salaries and Wages	Gross Value of Pro- ducts	Em- ployees	Salaries and Wages	Gross Value of Pro- ducts
Vegetable products.....	+10.4	+ 31.1	+ 40.3	+ 5.2	+ 16.6	+21.3
Animal products.....	+ 8.4	+ 28.6	+ 15.3	- 0.7	+ 9.7	+11.2
Textiles and textile products.....	+15.0	+ 36.9	+ 35.9	+ 6.9	+17.6	+19.5
Wood and paper products.....	+31.0	+ 61.9	+ 78.7	+10.9	+25.8	+31.7
Iron and its products.....	-36.0	- 31.6	- 27.0	+ 5.7	+17.7	+32.0
Non-ferrous metal products.....	- 7.9	+ 6.6	+ 4.3	+13.2	+29.6	+43.9
Non-metallic mineral products.....	+24.1	+ 41.0	+ 35.3	+ 7.5	+24.0	+26.1
Chemicals and allied products.....	-53.0	- 43.6	- 38.7	+ 3.3	+16.4	+19.6
Miscellaneous industries.....	- 7.7	- 6.7	-20.9	+10.3	+21.3	+ 6.8
Averages, All Industries.....	- 7.5	+ 2.8	+11.1	+ 7.0	+19.8	+25.5

Significant changes in the nature of manufacturing production took place after the cessation of hostilities in 1945. Industries engaged in war production operated at a substantially lower level, while industries producing consumer goods stepped up their production. From the point of view of employment the chemical

and allied products group with a drop of 53 p.c. experienced the greatest decline in production between 1944 and 1947. Iron and its products was second with a drop of 36 p.c., followed by non-ferrous metal products with 8 p.c. and miscellaneous industries 8 p.c. The wood and paper products group reported the greatest gain with an increase in employment of 31 p.c., followed by non-metallic mineral products with 24 p.c., textiles 15 p.c., vegetable products 10 p.c. and animal products 8 p.c. For manufacturing as a whole there was a drop of 8 p.c. in the number of employees with an increase of 3 p.c. in the amount of salaries and wages paid. Although there was a drop in the physical volume of production the gross value of products made was 11 p.c. higher. This was due to the rise in the wholesale prices of fully and partly manufactured products.

Detailed Statistics by Groups and Individual Industries.—Table 9 presents for the year 1947 detailed statistics regarding the individual industries under which all industrial plants in the Dominion are classified. The industries are further assembled under nine main groups according to the principal component material of their products.

In interpreting the statistics of individual industries it should be remembered that the figures on employment, production, etc., do not refer to individual products but to all the products made in an industry. For example, the value of production of the confectionery industry amounting to \$76,854,863 does not imply that this was the value of confectionery produced. What it means is that the firms whose principal product was confectionery, had a value of production of \$76,854,863. This figure, in addition to confectionery, includes all the subsidiary products made by these firms, such as ice cream which was valued at \$2,198,713, and bread and other bakery products valued at \$2,254,057. Confectionery is also produced as a subsidiary product by firms credited to other industrial classifications. For total production figures of individual products, reference should be made to "The Alphabetical List of Products" published annually as Appendix II to this report.

The incidence of the War resulted in a rearrangement in the rank of many industries. Industries producing supplies and equipment for the Armed Forces naturally advanced while those industries producing for the domestic consumer market declined in importance. To supply the raw materials needed by the industries engaged principally in war production, it became necessary to restrict or prohibit the manufacture of many products such as pleasure cars, radios, washing machines, electrical equipment, household appliances, agricultural implements, etc. Though these industries were forced to change over to wartime production, the changes did not affect the value of their output and consequently their importance as producers of manufactured goods did not alter drastically. To analyse the effects of the War and the conversion to peace-time production on any industry, it is necessary to compare the nature of the products made before and during the War with that of the present. This should be borne in mind in making industrial comparisons of the war years and the present. For example, the number of employees engaged in the agricultural implements industry increased by 8,248 between 1939 and 1945; this in spite of the fact that the output of agricultural implements remained at about the same level. The increase was due to a change-over of some of the plants to war production. It is therefore impossible to trace industrial trends from the principal statistics alone, as published in this report.

9. — Statistics of the Establishments, Employees, Salaries and Wages, Power, Fuel,

Industry and Group		Estab-lish-ments	Employees on Salary			Employees on	
			Male	Female	Salaries	Male	Female
PROVINCE		No.	No.	No.	\$	No.	No.
1	Prince Edward Island.....	260	369	105	541,115	1,004	428
2	Nova Scotia.....	1,480	3,327	922	8,085,301	22,220	3,816
3	New Brunswick.....	1,061	2,522	870	6,939,126	17,170	3,619
4	Quebec.....	11,223	44,088	16,485	152,455,062	229,196	89,680
5	Ontario.....	11,860	63,890	30,533	243,676,598	342,988	100,170
6	Manitoba.....	1,413	4,963	1,792	15,666,055	24,826	7,797
7	Saskatchewan.....	1,001	2,157	755	5,182,667	7,642	1,169
8	Alberta.....	1,382	3,486	1,121	9,200,133	16,203	3,131
9	British Columbia.....	3,040	10,422	3,267	32,890,569	60,046	9,426
10	Yukon and Northwest Territories.....	14	24	2	57,174	112	7
Totals.....		32,734	135,248	55,852	474,693,800	721,407	219,243
INDUSTRIAL GROUP							
1	Vegetable products.....	6,032	17,579	7,236	58,172,514	81,381	38,094
2	Animal products.....	4,457	13,546	5,014	40,338,266	60,415	23,131
3	Textiles and textile products.....	3,216	12,830	7,838	59,753,126	65,190	90,207
4	Wood and paper products.....	12,985	35,721	11,865	105,528,311	176,695	24,169
5	Iron and its products.....	2,469	28,681	10,982	107,947,338	212,845	10,974
6	Non-ferrous metal products.....	799	12,518	5,904	48,460,547	60,983	16,675
7	Non-metallic mineral products.....	943	4,618	1,440	15,533,838	31,002	2,152
8	Chemicals and allied products.....	1,031	6,956	3,965	28,231,140	21,627	5,943
9	Miscellaneous industries.....	802	2,799	1,608	10,728,720	11,269	7,898
1.—Vegetable Products							
1	Aerated and mineral waters.....	456	1,105	357	3,503,551	4,097	268
2	Biscuits and crackers.....	44	339	227	1,288,728	1,969	2,397
3	Bread and other bakery products.....	2,942	3,616	1,180	8,467,792	19,700	7,005
4	Breweries.....	61	1,318	325	5,416,756	7,503	232
5	Confectionery, cocoa, etc.....	194	711	442	3,188,835	3,210	4,982
6	Distilleries.....	18	670	248	2,638,426	2,114	1,056
7	Flour and feed mills.....	961	1,649	443	4,222,743	5,945	248
8	Foods, breakfast.....	19	145	73	546,589	587	353
9	Foods, stock and poultry.....	285	740	315	2,267,174	3,271	110
10	Foods, miscellaneous.....	303	1,192	757	4,707,715	2,270	2,786
11	Fruit and vegetable preparations.....	502	1,623	819	5,060,028	7,730	6,864
12	Macaroni, vermicelli, etc.....	18	50	31	218,077	398	224
13	Malt and malt products.....	11	73	32	330,768	492	2
14	Rubber goods incl. rubber footwear.....	60	2,683	1,227	9,547,021	14,386	5,179
15	Starch and glucose.....	10	184	78	713,626	755	65
16	Sugar refineries.....	11	302	106	1,318,141	2,292	303
17	Tobacco, cigars and cigarettes.....	75	732	452	3,001,343	2,809	5,378
18	Tobacco processing and packing.....	16	195	33	635,171	757	524
19	Vegetable oil mills.....	15	111	37	415,610	592	6
20	Wine.....	29	122	51	598,823	443	106
21	All other industries.....	2	19	3	85,597	61	6
Totals, Vegetable Products.....		6,032	17,579	7,236	58,172,514	81,381	38,094
2.—Animal Products							
1	Animal oils and fats.....	9	30	6	120,000	133	2
2	Belting, leather.....	15	45	20	160,903	165	18
3	Boot and shoe findings, leather.....	26	50	23	200,407	443	119
4	Boots and shoes, leather.....	295	1,635	694	6,078,374	10,706	8,398
5	Butter and cheese.....	2,037	4,178	1,681	8,517,435	13,681	1,217
6	Cheese, processed.....	22	78	29	245,644	414	402
7	Condensed milk.....	31	157	86	550,356	1,215	111
8	Dairy products, other.....	85	156	56	388,371	479	123
9	Fish curing and packing.....	594	1,256	315	2,828,306	7,889	3,083
10	Fur dressing and dyeing.....	24	140	37	528,559	920	262
11	Fur goods.....	616	1,193	377	3,740,915	2,450	2,074
12	Gloves and mittens, leather.....	84	165	110	682,329	907	1,647
13	Hair goods, animal and human.....	22	32	16	112,528	162	43
14	Leather tanneries.....	81	395	147	2,020,576	4,602	430
15	Misc. leather goods.....	291	607	245	1,958,379	2,230	1,923
16	Sausage and sausage casings.....	74	148	34	306,695	362	129
17	Slaughtering and meat packing.....	151	3,281	1,138	11,898,489	14,157	3,150
Totals, Animal Products.....		4,457	13,546	5,014	40,338,266	60,415	23,131

Materials, and Values of Products of Canadian Manufacturing Industries, 1947

Wages	Total Employees	Total Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Net Value of Products	Gross Value of Products	
Wages							
\$	No.	\$	\$	\$	\$	\$	
1,397,352	1,906	1,938,467	193,766	8,610,332	3,849,353	12,653,451	1
38,027,735	30,285	46,113,036	7,929,695	111,354,221	84,935,517	204,219,433	2
32,644,267	24,181	39,583,393	8,387,011	116,491,443	83,487,984	208,366,438	3
510,382,552	379,449	662,837,614	91,595,892	1,601,055,840	1,324,397,690	3,017,049,422	4
794,300,116	537,581	1,037,976,714	115,760,769	2,651,697,573	2,136,014,184	4,903,472,526	5
53,306,598	39,378	68,972,653	6,820,417	236,936,343	139,373,521	383,130,281	6
14,479,303	11,723	19,661,970	3,522,658	151,449,021	41,480,520	196,452,199	7
32,046,038	23,941	41,246,171	4,440,268	202,324,036	89,289,825	296,054,129	8
134,392,098	83,161	167,282,667	15,911,737	453,670,677	388,702,178	858,284,592	9
256,107	145	313,281	128,546	690,533	525,030	1,344,109	10
1,611,232,166	1,131,750	2,085,925,966	254,690,759	5,534,280,019	4,292,055,802	10,081,026,580	
182,981,694	144,290	241,154,208	24,672,239	1,102,727,365	654,939,477	1,782,339,081	1
125,883,099	102,106	166,221,365	13,316,840	929,179,962	316,673,669	1,259,170,471	2
208,351,763	176,065	268,104,889	12,423,513	560,634,708	488,983,044	1,062,041,265	3
354,843,047	248,450	460,371,358	67,430,908	895,117,041	991,759,398	1,954,298,347	4
452,021,163	263,482	559,968,501	43,729,493	871,965,295	939,220,774	1,854,915,562	5
146,477,037	96,080	194,937,584	35,910,358	596,648,463	402,021,896	1,034,580,717	6
63,612,237	39,212	79,146,075	40,080,785	323,687,397	199,351,736	563,119,918	7
49,248,579	38,491	77,479,710	15,632,455	205,541,145	228,786,192	449,959,792	8
27,813,547	23,574	38,542,267	1,494,168	48,778,643	70,328,616	120,601,427	9
5,998,901	5,827	9,502,452	1,077,649	20,248,739	34,555,806	55,882,194	1
5,398,205	4,932	6,686,933	501,256	18,647,099	20,934,424	40,082,779	2
39,428,473	31,501	47,896,265	5,188,604	80,084,523	80,476,461	165,749,588	3
15,650,336	9,378	21,067,092	1,874,998	25,871,001	86,800,811	114,546,810	4
9,529,474	9,345	12,718,309	806,720	40,556,696	35,491,447	76,854,863	5
5,235,730	4,088	7,874,156	1,628,524	28,557,924	38,191,901	68,378,349	6
10,609,316	8,285	14,832,059	2,457,609	280,674,476	41,020,372	324,152,457	7
1,691,968	1,158	2,235,557	230,280	7,815,285	7,196,638	15,242,203	8
5,634,028	4,436	7,901,202	933,245	100,384,042	19,235,753	120,553,040	9
6,445,622	7,005	11,153,337	695,648	94,412,054	32,332,238	127,439,940	10
17,139,438	17,036	22,199,466	2,030,646	89,332,550	61,349,705	152,712,191	11
915,147	703	1,133,224	112,133	3,468,816	2,382,209	5,963,158	12
1,002,875	599	1,333,642	671,464	13,657,524	4,092,834	18,421,832	13
37,066,872	23,475	46,613,893	2,700,102	82,934,625	110,673,007	196,307,734	14
1,536,064	1,082	2,249,690	784,287	12,946,077	4,469,312	18,199,676	15
4,991,340	3,003	6,309,481	2,106,343	63,883,259	14,204,767	80,194,368	16
11,030,711	9,371	14,032,054	307,421	48,785,199	43,185,902	92,278,522	17
1,567,547	1,509	2,202,718	143,494	48,335,803	6,035,192	54,514,489	18
1,098,188	746	1,513,798	307,708	32,769,012	5,270,781	38,347,501	19
898,186	722	1,497,009	105,764	5,659,928	6,456,977	12,222,669	20
113,273	89	198,870	8,344	3,702,733	582,940	4,294,017	21
182,981,694	144,290	241,154,208	24,672,239	1,102,727,365	654,939,477	1,782,339,081	
263,933	171	383,933	95,802	974,180	723,088	1,793,070	1
287,194	248	448,097	19,123	1,434,729	958,724	2,412,576	2
856,626	635	1,057,033	110,477	1,361,682	1,549,336	3,021,495	3
23,961,196	21,433	30,039,570	500,552	57,444,765	46,201,865	104,147,182	4
23,888,310	20,757	32,405,745	5,035,149	238,667,589	66,025,020	309,727,758	5
1,086,149	923	1,331,793	79,051	14,952,439	6,620,931	21,652,421	6
2,106,073	1,569	2,658,429	1,084,898	32,813,066	8,747,387	42,645,351	7
851,887	814	1,240,258	159,417	4,601,773	3,285,138	8,046,328	8
13,032,376	12,043	15,860,682	1,410,661	62,780,333	41,081,688	105,272,682	9
1,825,392	1,359	2,353,951	99,317	781,590	3,649,571	4,530,478	10
7,665,649	6,094	11,406,564	178,470	36,912,929	20,450,229	57,541,628	11
2,615,458	2,829	3,297,787	49,734	6,345,174	5,232,984	11,627,892	12
266,440	253	378,968	9,280	964,609	609,471	1,583,360	13
8,659,302	5,574	10,679,878	1,081,095	46,220,085	21,938,986	69,240,166	14
5,147,868	5,005	7,106,247	128,649	11,088,039	10,764,166	21,980,854	15
656,590	673	963,285	106,879	5,142,773	1,781,024	7,030,676	16
32,712,656	21,726	44,611,145	3,168,286	406,694,207	77,054,061	486,916,554	17
125,833,099	102,106	166,221,365	13,316,840	929,179,962	316,673,669	1,259,170,471	

9.—Statistics of the Establishments, Employees, Salaries and Wages, Power, Fuel,

	Industry and Group	Estab- lish- ments	Employees on Salary			Employees on	
			Male	Female	Salaries	Male	Female
		No.	No.	No.	\$	No.	No.
3.—Textiles and Textile Products							
1	Awnings, tents and sails.....	96	233	96	728,938	548	515
2	Bags, cotton and jute.....	32	143	64	692,854	445	919
3	Batting and wadding.....	7	30	8	212,672	286	72
4	Carpets, mats and rugs.....	20	139	67	660,710	681	460
5	Clothing, men's factory.....	566	2,477	1,391	11,469,048	7,869	18,080
6	Clothing, women's factory.....	1,169	2,861	1,927	14,004,323	6,182	19,999
7	Clothing contractors, men's.....	150	267	52	794,982	1,252	2,992
8	Clothing contractors, women's.....	94	124	31	326,579	224	1,026
9	Cordage, rope and twine.....	10	121	48	523,446	912	526
10	Corsets.....	40	222	387	1,506,603	279	2,371
11	Cotton and wool waste.....	28	67	30	326,413	214	185
12	Cotton textiles, miscellaneous.....	124	286	129	1,121,193	398	1,555
13	Cotton thread.....	7	109	64	442,886	171	612
14	Cotton yarn and cloth.....	45	801	532	3,860,818	13,981	8,775
15	Dyeing and finishing of textiles.....	44	278	148	1,310,499	1,672	320
16	Flax fibre.....	33	52	9	119,062	297	3
17	Gloves and mittens, fabric.....	16	44	29	173,146	100	535
18	Hats and caps.....	169	477	263	2,213,650	2,022	2,405
19	Hosiery and knitted goods.....	262	1,467	1,118	7,053,604	7,932	15,994
20	Linen goods.....	4	13	8	53,300	52	103
21	Miscellaneous textiles.....	16	287	116	1,411,452	1,202	269
22	Narrow fabrics, laces, etc.....	43	197	134	809,889	873	960
23	Oiled and waterproofed clothing.....	15	57	21	262,961	129	270
24	Synthetic textiles and silk.....	40	1,049	578	4,719,413	8,451	4,650
25	Woolen cloth.....	95	602	349	2,832,397	5,231	4,007
26	Woolen goods, miscellaneous.....	36	159	83	974,339	1,574	425
27	Woolen yarn.....	55	268	156	1,147,949	2,213	2,179
	Totals, Textiles and Products	3,216	12,830	7,838	59,753,126	65,190	90,207
4.—Wood and Paper Products							
1	Beekeepers' and poultrymen's supplies.....	12	19	10	40,619	91	22
2	Blueprinting.....	28	47	20	173,726	158	39
3	Boat building.....	225	321	64	567,674	1,885	37
4	Boxes and bags, paper.....	165	1,048	600	4,701,112	5,680	4,999
5	Boxes, wooden.....	182	388	117	1,110,868	3,842	495
6	Carriages, wagons and sleighs.....	56	108	15	217,760	531	14
7	Coffins and caskets.....	52	137	45	407,346	946	170
8	Cooperage.....	71	86	28	219,021	792	13
9	Engraving, stereotyping and electrotyping.....	107	567	293	2,593,787	2,318	664
10	Excelsior.....	11	20	6	51,379	120	26
11	Flooring, hardwood.....	23	114	43	376,428	1,284	25
12	Furniture.....	1,046	2,642	853	8,380,174	19,306	1,980
13	Lasts, trees and shoe findings.....	18	74	36	222,772	405	210
14	Lithographing.....	51	366	297	2,181,036	2,153	1,123
15	Miscellaneous paper products.....	196	910	695	3,766,128	3,877	2,845
16	Miscellaneous wooden products.....	404	630	177	1,500,170	2,771	723
17	Planing mills, sash and door factories.....	1,246	2,248	470	5,113,433	12,960	196
18	Printing and bookbinding.....	1,460	3,163	1,458	10,558,665	10,578	5,175
19	Printing and publishing.....	771	6,885	3,666	22,195,830	10,587	1,967
20	Pulp and paper.....	115	5,859	1,847	26,286,577	41,413	827
21	Refrigerators, other than electric.....	15	58	20	177,355	387	74
22	Roofing paper, etc.....	21	357	179	1,147,057	1,543	104
23	Sawmills.....	6,481	8,902	607	10,539,042	45,181	735
24	Trade composition.....	41	84	43	404,668	427	18
25	Veneer and plywood.....	36	318	139	1,382,232	4,362	1,171
26	Woodenware.....	31	53	20	134,212	602	185
27	Wood turning.....	86	162	41	404,458	1,419	185
28	All other industries.....	35	155	76	674,782	1,677	147
	Totals, Wood and Paper Products	12,985	35,721	11,865	105,528,311	176,695	24,169
5.—Iron and its products							
1	Agricultural implements.....	61	1,733	592	5,261,562	13,418	270
2	Aircraft and parts.....	12	2,006	630	7,271,163	6,483	255
3	Automobiles.....	9	2,431	1,033	10,789,150	20,169	204
4	Automobile supplies.....	128	1,789	772	7,330,408	12,553	2,373
5	Bicycles.....	9	82	32	281,079	552	74
6	Boilers, tanks and platework.....	49	866	336	3,161,065	4,307	89
7	Bridge and structural steel work.....	26	1,222	311	5,834,229	5,618	27
8	Castings, iron.....	216	1,378	579	5,353,451	15,851	359
9	Hardware, tools and cutlery.....	288	1,645	883	6,257,896	10,474	2,032
10	Heating and cooking apparatus.....	99	783	359	2,811,977	6,483	228
11	Iron and steel products, miscellaneous.....	222	808	300	2,956,976	4,575	327
12	Machinery.....	322	4,559	2,132	16,839,459	21,993	1,236
13	Machine shops.....	509	1,106	258	3,119,360	4,011	94
14	Primary iron and steel.....	58	2,110	819	8,689,952	23,740	264

Materials, and Values of Products of Canadian Manufacturing Industries, 1947—con.

Wages	Total Employees	Total Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Net Value of Products	Gross Value of Products	
Wages	No.	\$	\$	\$	\$	\$	
1,413,111	1,392	2,142,049	67,517	4,723,190	2,761,692	7,552,399	1
1,589,402	1,571	2,282,256	74,502	32,389,892	6,672,546	39,136,940	2
638,610	396	851,282	63,249	2,695,322	1,751,761	4,510,332	3
1,779,380	1,347	2,440,090	159,013	3,970,501	4,694,743	8,824,257	4
34,017,736	29,817	45,486,784	508,069	98,082,593	84,575,371	183,166,033	5
36,352,798	30,969	50,357,121	433,643	92,713,574	91,158,213	184,305,430	6
5,173,970	4,563	5,968,952	76,865	512,886	7,034,561	7,624,312	7
1,444,941	1,405	1,771,520	27,179	1,052,682	2,297,369	2,427,230	8
2,313,893	1,607	2,837,339	176,154	11,053,378	6,999,873	18,229,405	9
2,586,685	3,259	4,093,288	45,323	6,276,125	7,800,363	14,121,811	10
477,726	496	804,139	66,891	4,538,557	1,649,916	6,255,364	11
2,070,919	2,368	3,192,112	49,612	9,208,119	5,958,309	15,219,040	12
894,749	956	1,337,635	78,492	4,164,635	2,785,250	7,028,377	13
31,583,595	24,089	35,444,413	3,212,283	99,599,159	55,460,989	158,272,431	14
3,194,476	2,418	4,504,975	813,788	2,156,938	7,513,908	10,484,634	15
395,687	361	514,749	49,067	-	1,470,244	1,519,311	16
573,197	708	748,343	14,585	1,397,940	1,214,542	2,627,067	17
6,072,951	5,167	8,286,601	221,443	12,746,222	13,845,854	26,813,519	18
28,593,059	26,511	35,646,663	1,429,016	59,557,427	66,851,127	127,837,570	19
185,282	176	238,582	9,064	691,417	278,807	979,288	20
2,641,847	1,874	4,053,299	378,775	10,969,555	8,720,058	20,068,388	21
2,245,143	2,164	3,055,032	133,994	5,224,243	4,998,431	10,356,668	22
568,979	477	831,940	14,883	1,934,849	1,649,939	3,599,625	23
19,565,050	14,728	24,284,463	2,400,525	32,659,919	49,809,478	84,869,922	24
13,085,051	10,189	15,917,448	1,146,493	34,653,119	29,507,756	65,507,368	25
3,179,914	2,241	4,154,253	353,112	10,422,536	8,854,733	20,130,381	26
5,711,612	4,816	6,859,561	419,976	17,489,930	12,667,257	30,577,163	27
208,351,763	176,065	268,104,889	12,423,513	560,634,708	488,983,044	1,062,041,265	
107,211	142	147,830	9,673	258,585	428,322	696,580	1
252,909	264	426,635	14,850	268,645	771,947	1,055,442	2
2,061,230	1,807	2,628,904	99,477	2,206,823	3,126,214	5,432,514	3
14,689,265	12,227	19,390,377	691,942	53,059,806	37,889,859	91,641,607	4
5,966,318	4,842	7,077,186	278,935	11,992,701	10,826,081	23,097,717	5
812,702	668	1,030,462	45,075	1,013,986	1,532,475	2,591,536	6
1,507,114	1,298	1,914,460	74,322	2,386,344	2,980,883	5,441,549	7
1,266,920	919	1,485,941	68,120	4,017,235	2,865,841	6,951,196	8
7,069,180	3,842	9,662,967	177,075	3,670,103	14,105,770	17,952,948	9
191,180	172	242,559	19,499	237,736	373,438	630,673	10
1,809,181	1,466	2,185,609	124,684	5,832,730	4,224,808	10,182,222	11
32,897,491	24,781	41,277,665	1,431,379	59,277,186	65,490,308	126,198,873	12
795,028	725	1,017,800	32,051	912,495	1,505,145	2,449,691	13
5,692,829	3,939	7,873,865	146,264	10,704,233	13,985,043	24,835,540	14
10,243,778	8,327	14,009,906	674,590	45,510,706	33,921,609	80,106,905	15
4,678,840	4,301	6,179,010	259,946	9,439,637	10,013,881	19,713,464	16
19,148,146	15,874	24,261,579	1,244,302	57,184,102	39,071,060	97,499,464	17
24,747,053	20,374	35,305,718	840,955	33,596,332	57,432,081	91,869,368	18
24,794,879	23,105	46,990,709	1,177,808	34,113,405	90,280,426	125,571,639	19
103,191,418	49,946	129,477,995	55,442,396	295,444,332	356,084,900	706,971,628	20
672,012	539	849,367	22,642	1,161,020	1,386,010	2,569,672	21
3,089,173	2,183	4,236,230	407,120	14,324,193	12,584,003	27,405,316	22
72,821,410	55,425	83,360,452	3,074,501	208,543,819	190,514,978	402,133,298	23
947,090	572	1,351,758	22,683	232,748	2,091,784	2,347,215	24
9,347,224	5,990	10,729,456	451,485	17,852,712	25,769,317	44,073,514	25
958,538	860	1,092,750	36,086	850,426	1,380,393	2,266,905	26
1,979,758	1,807	2,384,216	80,094	2,816,138	3,517,829	6,414,061	27
3,105,170	2,055	3,779,952	392,954	18,208,863	7,595,993	26,197,810	28
354,843,047	248,450	460,371,358	67,430,908	895,117,041	991,750,398	1,954,298,347	
25,982,444	16,013	31,244,006	1,461,921	49,799,417	38,162,131	89,423,469	1
14,150,897	9,374	21,422,060	749,639	16,190,747	27,363,190	44,303,572	2
47,618,827	23,837	58,407,977	2,332,456	226,845,132	111,740,607	340,918,195	3
29,229,456	17,487	36,559,864	2,075,025	65,430,940	64,028,974	131,534,939	4
1,041,333	740	1,322,412	78,493	1,869,130	2,142,541	4,090,164	5
9,374,898	5,598	12,535,963	613,297	14,637,411	20,525,114	35,775,822	6
10,298,362	7,178	16,132,591	724,861	22,160,375	29,674,022	52,559,258	7
32,848,055	18,167	38,201,506	2,627,481	36,201,211	63,687,150	102,515,842	8
22,646,397	14,934	28,904,293	1,474,216	25,033,959	53,028,657	79,536,832	9
12,086,411	7,853	14,898,388	695,455	17,181,317	27,024,610	44,901,382	10
9,099,288	6,010	12,056,264	1,214,403	14,073,124	20,762,334	36,049,861	11
45,130,233	29,920	61,969,692	2,216,382	74,101,757	124,576,615	200,894,754	12
7,523,527	5,469	10,642,887	464,474	6,697,900	15,500,634	22,663,008	13
51,595,416	26,933	60,285,368	18,863,396	104,532,334	92,879,888	216,275,618	14

9.—Statistics of the Establishments, Employees, Salaries and Wages, Power, Fuel,

Industry and Group	Estab- lish- ments	Employees on Salaries			Employees on	
		Male	Female	Salaries	Male	Female
5.—Iron and its Products—concluded	No.	No.	No.	\$	No.	No.
15 Railway rolling-stock.....	37	1,835	242	5,837,522	26,352	97
16 Sheet metal products.....	253	2,137	863	7,621,012	12,444	2,193
17 Shipbuilding and repairs.....	74	1,491	472	5,300,800	19,015	141
18 Wire and wire goods.....	97	800	369	3,230,277	4,807	711
Totals, Iron and its Products	2,469	28,681	10,982	107,947,338	212,845	10,974
6.—Non-ferrous Metal Products						
1 Aluminum products.....	81	805	421	2,865,587	4,141	460
2 Brass and copper products.....	161	1,187	550	4,889,387	7,685	995
3 Electrical apparatus and supplies.....	296	7,353	3,790	28,320,997	28,481	13,112
4 Jewellery, electro-plated ware, etc.....	176	566	403	2,440,690	3,282	1,428
5 Miscellaneous non-ferrous metal products.....	22	130	105	606,438	483	157
6 Non-ferrous metal smelting and refining.....	16	2,073	465	7,690,271	14,845	66
7 White metal alloys.....	47	404	170	1,647,177	2,066	457
Totals, Non-Ferrous Metal Products	799	12,518	5,904	48,460,547	60,983	16,675
7.—Non-metallic Mineral Products						
1 Abrasive products.....	16	253	162	1,179,702	2,096	164
2 Asbestos products.....	14	153	44	486,852	669	100
3 Cement.....	8	107	9	328,748	1,518	16
4 Cement products.....	297	467	76	1,069,095	2,584	24
5 Clay products from domestic clay.....	124	163	44	494,173	3,190	155
6 Clay products from imported clay.....	33	177	68	615,826	1,423	482
7 Coke and gas products.....	34	846	363	2,908,322	3,797	3
8 Glass products.....	96	490	237	1,777,071	4,265	835
9 Gypsum products.....	10	66	14	216,046	792	33
10 Lime.....	42	64	14	215,227	949	11
11 Miscellaneous non-metallic mineral products.....	58	271	86	880,759	1,361	171
12 Petroleum products.....	46	1,208	253	4,279,073	6,229	70
13 Salt.....	10	44	18	239,576	582	56
14 Sand-lime brick.....	4	10	1	33,141	107	7
15 Stone, monumental & ornamental.....	151	299	51	810,227	1,440	25
Totals, Non-Metallic Mineral Products	943	4,618	1,440	15,533,838	31,002	2,152
8.—Chemicals and Allied Products						
1 Acids, alkalies and salts.....	31	719	186	2,736,374	4,581	55
2 Adhesives.....	26	134	73	556,957	491	31
3 Coal tar distillation.....	11	63	22	238,984	304	3
4 Fertilizers.....	31	473	118	1,824,599	2,656	11
5 Gases, compressed.....	44	276	215	990,652	593	5
6 Inks, printing and writing.....	32	159	84	572,483	432	44
7 Medicinal and pharmaceutical preparations.....	213	1,309	1,109	6,456,622	2,520	2,740
8 Miscellaneous chemical products.....	203	1,098	580	4,433,522	3,983	1,061
9 Paints, pigments and varnishes.....	109	1,277	621	4,722,818	3,056	474
10 Plastics, primary.....	10	205	66	663,235	753	36
11 Polishes and dressings.....	55	166	128	660,085	258	191
12 Soaps, washing compounds, etc.....	166	802	400	2,921,174	1,583	467
13 Toilet preparations.....	100	275	363	1,453,635	407	825
Totals, Chemicals and Allied Products	1,031	6,956	3,965	28,231,140	21,627	5,943
9.—Miscellaneous Industries						
1 Artificial flowers and feathers.....	41	69	49	240,106	132	437
2 Automobile accessories, fabric.....	12	90	40	372,344	297	363
3 Brooms, brushes and mops.....	89	339	203	1,252,849	1,411	692
4 Buttons.....	29	149	104	808,184	774	939
5 Candles.....	12	45	28	168,216	118	76
6 Fountain pens and pencils.....	10	189	162	744,590	472	603
7 Ice, artificial.....	60	97	39	289,934	650	17
8 Lamps, electric and lamp shades.....	42	98	64	325,985	356	327
9 Miscellaneous incl. jewellery cases, etc.....	12	30	34	130,999	186	182
10 Musical instruments.....	25	125	53	410,325	836	71
11 Pipes, lighters and other smokers' supplies.....	13	40	15	164,343	169	138
12 Plastic products.....	81	282	158	990,879	1,038	1,025
13 Scientific and professional equipment.....	71	414	295	1,978,592	1,883	1,331
14 Signs, electric, neon and other.....	42	179	61	639,421	781	17
15 Sporting goods.....	56	177	89	591,885	773	448
16 Stamps and stencils, rubber and metal.....	45	112	44	383,237	359	85
17 Statuary, art goods and novelties.....	100	170	71	481,656	372	379
18 Toys and games.....	47	107	52	383,019	472	572
19 Typewriter supplies.....	8	58	33	270,314	160	81
20 Umbrellas.....	7	29	14	101,842	30	115
Totals, Miscellaneous Industries	802	2,799	1,608	10,728,726	11,269	7,898
Grand Totals, All Industries	32,734	135,248	55,852	474,693,800	721,407	219,243

Materials, and Values of Products of Canadian Manufacturing Industries, 1947—conc.

Wages	Total Employees	Total Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Net Value of Products	Gross Value of Products	
Wages	No.	\$	\$	\$	\$	\$	
55,916,713	28,526	61,754,235	3,817,648	73,076,408	82,389,093	159,283,149	15
25,640,807	17,637	33,261,819	1,648,691	68,591,605	59,254,654	129,494,950	16
41,156,907	21,119	46,457,707	1,653,601	37,263,603	71,213,925	110,131,129	17
10,681,192	6,687	13,911,469	1,018,054	18,278,925	35,266,635	54,563,614	18
452,021,163	263,482	559,968,501	43,729,493	871,965,295	939,220,774	1,854,915,562	
8,342,725	5,827	11,208,312	1,030,744	20,203,350	18,615,289	39,849,383	1
16,338,229	10,417	21,227,616	1,567,005	60,387,706	34,595,129	96,549,840	2
75,570,019	52,736	103,891,016	3,515,897	162,131,266	200,859,040	366,506,203	3
7,752,706	5,679	10,193,396	252,021	18,457,579	16,842,801	35,552,401	4
1,018,696	875	1,625,134	46,759	2,943,967	2,663,045	5,653,771	5
33,077,600	17,449	40,767,871	28,967,359	308,267,931	115,798,652	453,033,942	6
4,377,062	3,097	6,024,239	530,573	24,256,664	12,647,940	37,435,177	7
146,477,037	96,080	194,937,584	35,910,358	596,648,463	402,021,896	1,034,580,717	
5,287,618	2,675	6,467,320	2,382,798	10,736,224	18,690,875	31,809,897	1
1,320,762	966	1,807,614	306,961	3,773,792	3,035,014	7,115,767	2
3,350,698	1,650	3,679,446	5,777,917	4,354,657	13,449,437	23,582,011	3
4,254,815	3,151	5,323,910	743,447	7,875,623	10,315,154	18,934,224	4
5,710,532	3,552	6,204,705	2,832,416	386,840	11,266,933	14,486,189	5
3,201,725	2,150	3,817,551	545,952	2,205,570	6,852,954	9,604,476	6
7,903,790	5,009	10,812,112	7,179,848	39,904,780	25,748,094	72,832,722	7
8,822,679	5,827	10,599,750	2,348,535	13,791,877	20,319,451	36,459,863	8
1,372,252	905	1,588,298	496,638	5,503,766	5,026,515	11,026,829	9
1,837,574	1,038	2,052,801	2,513,144	573,635	5,763,244	8,850,023	10
2,997,008	1,889	3,877,767	1,052,238	11,603,962	9,668,545	22,324,745	11
13,598,747	7,760	17,877,820	12,658,563	217,516,071	58,325,652	288,500,286	12
1,160,117	760	1,399,693	771,916	1,100,923	3,493,193	5,366,032	13
177,613	125	210,754	55,982	152,362	383,826	592,170	14
2,616,307	1,815	3,426,534	414,430	4,207,405	7,012,849	11,634,684	15
63,612,237	39,212	79,146,075	40,080,785	323,687,397	199,351,736	563,119,918	
10,192,422	5,541	12,928,796	7,053,019	19,059,360	33,206,034	59,318,463	1
994,127	729	1,551,084	274,789	4,303,021	2,837,800	7,415,610	2
537,243	392	776,227	389,999	3,752,693	2,008,188	6,150,880	3
5,458,520	3,258	7,283,119	2,465,076	27,417,467	28,901,802	58,784,545	4
1,271,875	1,089	2,262,527	365,903	1,475,523	7,765,803	9,607,228	5
892,362	719	1,464,845	61,851	3,142,522	3,817,893	7,022,266	6
7,392,288	7,678	13,848,910	546,995	26,243,762	43,500,537	70,291,294	7
8,732,235	6,722	13,165,757	2,872,533	36,263,849	31,713,802	70,850,184	8
6,153,678	5,428	10,876,496	526,551	38,322,293	31,063,434	69,912,278	9
1,688,009	1,060	2,351,244	203,221	5,176,706	6,402,598	11,782,525	10
620,785	743	1,280,870	54,324	4,786,897	3,894,816	8,736,037	11
3,883,632	3,262	6,804,806	752,328	28,957,155	23,490,985	53,200,468	12
1,431,403	1,870	2,885,038	65,866	6,639,897	10,182,450	16,888,213	13
49,248,579	38,491	77,479,719	15,632,455	205,541,145	228,786,192	449,959,792	
556,598	687	796,704	12,351	680,430	1,250,543	1,943,324	1
942,715	790	1,315,059	35,106	2,676,322	2,614,742	5,326,170	2
2,800,768	2,645	4,053,617	124,518	6,863,514	8,193,104	15,181,136	3
2,493,791	1,966	3,301,975	82,731	3,447,013	5,759,715	9,289,459	4
251,456	267	419,672	25,502	1,094,938	1,110,564	2,231,004	5
1,581,453	1,426	2,326,043	39,034	3,522,684	5,344,271	8,905,989	6
1,171,730	803	1,461,664	350,669	169,545	4,213,749	4,733,963	7
822,969	845	1,148,954	34,789	1,770,414	1,828,889	3,634,092	8
462,002	432	593,001	17,657	618,799	810,863	1,447,319	9
1,420,939	1,085	1,831,264	80,021	1,441,455	868,189	4,389,665	10
377,076	362	541,419	12,963	946,017	2,052,780	3,011,760	11
2,919,688	2,503	3,910,567	162,906	5,869,959	6,683,145	12,716,010	12
5,462,238	3,923	7,440,830	221,373	9,118,803	12,245,656	21,585,832	13
1,543,806	1,038	2,183,227	94,994	1,528,525	3,829,354	5,452,873	14
1,727,081	1,487	2,318,966	70,486	3,050,505	3,586,047	6,707,098	15
694,254	600	1,077,491	24,391	499,784	1,496,563	2,020,738	16
821,772	992	1,303,428	32,143	1,214,486	1,951,092	3,197,721	17
1,256,573	1,203	1,639,592	50,688	1,836,849	2,324,178	4,211,715	18
373,956	332	644,270	19,868	1,710,390	1,568,187	3,298,445	19
132,682	188	234,524	1,978	718,151	596,985	1,317,114	20
27,813,547	23,574	38,542,267	1,494,168	48,778,643	70,328,616	120,601,427	
1,611,232,166	1,131,750	2,085,925,966	254,690,759	5,534,280,019	4,292,055,802	10,081,026,580	

Subsection 2.—Manufactures Classified on the Standard Classification Basis

To provide information of maximum usefulness and to allow for a direct comparison of statistics, collected by many government departments and agencies, an interdepartmental committee was set up in 1945 to review the different systems of classification in use and to recommend a standard classification to be used by all government departments in their statistical compilations.

Tables 10 and 11 give statistics for 1945 to 1947 of the manufacturing industries on the standard classification basis recommended by the committee. This classification conforms in large measure to that now recommended by the United Nations Statistical Commission.

10.—Principal Statistics of Manufacturing Industries, Classified on the Standard Classification Basis, 1945-47

Year and Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1945						
Food and beverages.....	8,872	156,396	224,908,882	1,336,820,028	558,247,045	1,921,774,601
Tobacco and tobacco products	86	12,164	15,738,041	79,176,519	42,985,992	122,543,932
Rubber products.....	55	23,490	39,111,477	78,500,892	98,836,225	181,413,226
Leather products.....	706	34,123	43,268,635	95,006,015	71,297,713	167,888,463
Textile products (except clothing).....	655	65,388	87,454,497	213,589,559	163,973,427	385,741,605
Clothing (textile and fur).....	2,676	99,959	131,478,496	251,899,847	222,307,384	476,754,319
Wood products.....	7,656	93,209	119,833,932	240,482,275	208,979,657	454,447,165
Paper products.....	475	60,819	109,627,174	255,265,326	241,121,150	536,859,861
Printing, publishing and allied trades.....	2,312	43,565	74,257,775	52,655,848	132,385,988	186,945,134
Iron and steel products.....	1,903	169,278	313,966,173	395,624,098	527,473,688	952,482,150
Transportation equipment.....	504	154,844	326,748,794	498,241,686	523,910,119	1,034,666,913
Non-ferrous metal products....	436	44,221	81,889,942	337,872,041	180,653,076	548,853,026
Electrical apparatus and sup- plies.....	247	44,129	76,468,795	92,041,030	135,919,899	230,531,874
Non-metallic mineral prod- ucts.....	700	20,269	32,959,877	41,488,955	76,318,456	130,704,796
Products of petroleum and coal.....	80	11,532	22,904,418	188,899,911	65,637,131	270,166,984
Chemical products.....	986	61,339	107,050,824	228,855,956	252,944,165	498,630,798
Miscellaneous.....	701	24,647	38,105,717	87,248,861	61,324,784	149,964,019
Totals, 1945.....	29,050	1,119,372	1,845,773,449	4,473,668,847	3,564,315,899	8,250,368,866
1946						
Food and beverages.....	8,862	160,821	241,769,865	1,408,818,069	604,120,647	2,040,708,650
Tobacco and tobacco products	95	10,849	14,410,558	79,255,405	39,981,625	119,634,216
Rubber products.....	60	22,055	37,813,363	62,135,578	93,451,248	159,408,113
Leather products.....	776	37,290	49,712,628	108,702,945	82,319,495	192,749,456
Textile products (except clothing).....	711	66,784	94,741,779	214,516,314	177,323,833	400,075,422
Clothing (textile and fur).....	2,988	105,868	146,265,152	285,568,957	263,018,898	551,331,576
Wood products.....	8,846	105,472	142,338,538	297,923,979	256,436,946	560,341,251
Paper products.....	486	67,442	134,320,546	313,410,656	333,819,710	695,085,534
Printing, publishing and allied trades.....	2,404	48,950	86,433,880	65,501,698	154,951,731	222,548,636
Iron and steel products.....	2,086	151,373	279,567,770	337,981,814	461,501,765	824,766,017
Transportation equipment.....	539	100,745	200,097,765	301,206,839	279,333,127	590,128,311
Non-ferrous metal products....	474	40,855	75,855,699	311,082,975	148,492,336	484,618,453
Electrical apparatus and sup- plies.....	266	43,998	74,510,479	101,939,272	129,968,926	234,572,653
Non-metallic mineral prod- ucts.....	833	24,387	39,651,286	49,957,966	94,591,439	160,476,827
Products of petroleum and coal.....	77	12,106	24,197,354	190,527,903	79,046,757	286,007,855
Chemical products.....	1,031	38,012	67,842,339	179,749,710	208,399,498	401,741,703
Miscellaneous.....	715	21,149	31,158,253	49,954,677	60,247,499	111,497,798
Totals, 1946.....	31,249	1,058,156	1,740,687,254	4,358,234,766	3,467,004,980	8,035,692,471

10.—Principal Statistics of Manufacturing Industries, Classified on the Standard Classification Basis, 1945-47—concluded

Main Groups	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1947						
Food and beverages.....	8,869	167,865	276,245,015	1,656,529,086	695,092,932	2,383,975,675
Tobacco and tobacco products.....	91	10,880	16,234,772	97,121,002	49,221,094	146,793,011
Rubber products.....	60	23,475	46,613,893	82,934,625	110,673,007	196,307,734
Leather products.....	792	35,724	52,628,612	123,894,474	86,646,061	212,430,165
Textile products (except clothing).....	735	73,189	114,913,677	287,310,410	212,555,751	509,518,668
Clothing (textile and fur).....	3,121	110,329	166,951,727	311,018,817	300,527,093	614,594,703
Wood products.....	9,744	120,434	186,467,946	398,854,196	365,050,223	771,403,332
Paper products.....	502	73,445	168,632,394	410,456,570	443,374,435	911,238,813
Printing, publishing and allied trades.....	2,458	52,096	101,611,652	82,585,466	178,667,051	263,632,152
Iron and steel products.....	2,200	162,399	334,044,246	451,289,335	580,342,444	1,064,654,410
Transportation equipment.....	562	104,348	230,898,680	426,573,091	366,151,761	803,611,372
Non-ferrous metal products.....	503	43,344	91,046,568	434,517,197	201,162,856	668,074,614
Electrical apparatus and supplies.....	296	52,736	103,891,016	162,131,266	200,859,040	366,506,203
Non-metallic mineral prod- ucts.....	863	26,443	50,456,143	66,266,546	115,277,990	201,786,910
Products of petroleum and coal.....	80	12,769	28,689,932	257,420,851	84,073,746	361,333,008
Chemical products.....	1,046	39,237	78,993,517	238,310,157	234,056,973	488,307,293
Miscellaneous.....	812	23,037	37,606,176	47,066,930	68,323,345	116,858,617
Totals, 1947	32,734	1,131,750	2,085,925,966	5,534,280,019	4,292,055,802	10,081,026,580

11.—Principal Statistics of Individual Manufacturing Industries, Classified on the Standard Classification Basis, 1947

Group and Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Food and Beverages.....	8,869	167,865	276,245,015	1,656,529,086	695,092,932	2,383,975,675
Meat Products.....	234	22,570	45,958,363	412,811,160	79,558,173	495,740,300
Animal oils and fats.....	9	171	383,933	974,180	723,088	1,793,070
Sausage and sausage casings.....	74	673	963,285	5,142,773	1,781,024	7,030,676
Slaughtering and meat- packing.....	151	21,726	44,611,145	406,694,207	77,054,061	486,916,554
Dairy Products.....	2,175	24,063	37,634,225	291,034,867	84,678,476	382,071,858
Butter and cheese.....	2,037	20,757	32,405,745	238,667,589	66,025,020	309,727,758
Cheese, processed.....	22	923	1,331,793	14,952,439	6,620,931	21,652,421
Condensed milk.....	31	1,569	2,656,429	32,813,066	8,747,387	42,645,351
Other dairy products.....	85	814	1,240,258	4,601,773	3,285,138	8,046,328
Fruit, Vegetable and Fish Processing.....	1,096	29,079	38,060,148	152,112,883	102,431,393	257,985,583
Fish curing and packing.....	594	12,043	15,860,682	62,780,333	41,081,668	105,272,682
Fruit and vegetable prepar- ations.....	502	17,036	22,199,466	89,332,550	61,349,705	152,712,901
Grain Mill Products.....	1,265	13,879	24,971,818	388,873,803	67,452,763	459,947,700
Flour and feed mills.....	961	8,285	14,832,059	280,674,476	41,020,372	324,152,457
Foods, breakfast.....	19	1,158	2,238,557	7,815,285	7,196,638	15,242,203
Feeds, stock and poultry....	285	4,436	7,901,202	100,384,042	19,235,753	120,553,040
Bakery Products.....	2,986	36,433	54,583,198	98,731,622	101,410,885	205,832,367
Biscuits and crackers.....	44	4,932	6,686,933	18,647,099	20,934,424	40,082,779
Bread and other bakery products.....	2,942	31,501	47,896,265	80,084,523	80,476,461	165,749,588

11.—Principal Statistics of Individual Manufacturing Industries, Classified on the Standard Classification Basis, 1947—continued

Group and Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Food and Beverages—conc.						
Beverages	564	20,015	39,940,709	80,337,592	166,005,495	251,030,022
Aerated and mineral waters.....	456	5,827	9,502,452	20,248,739	34,555,806	55,882,194
Distilleries.....	18	4,088	7,874,156	28,557,924	38,191,901	68,378,349
Breweries.....	61	9,378	21,067,092	25,871,001	86,800,811	114,546,810
Wine.....	29	722	1,497,009	5,659,928	6,456,977	12,222,669
Miscellaneous Foods	545	21,226	35,096,554	232,627,159	93,555,747	331,367,845
Confectionery, cocoa, etc....	194	9,345	12,718,309	40,556,696	35,491,447	76,854,863
Sugar refineries.....	11	3,093	6,309,481	63,883,259	14,204,767	80,194,369
Malt mills.....	11	596	1,333,642	13,657,524	4,092,834	18,421,822
Macaroni, vermicelli, etc....	18	702	1,133,224	3,468,816	2,382,205	5,963,158
Starch and glucose.....	10	1,082	2,249,690	12,946,077	4,469,317	18,199,676
Miscellaneous food indus- tries.....	302	7,005	11,153,337	94,412,054	32,332,238	127,439,940
All other industries.....	2	89	198,870	3,702,732	582,940	4,294,017
Tobacco and Tobacco Prod- ucts	91	10,880	16,234,772	97,121,002	49,221,09	146,793,011
Tobacco, cigars and cigarettes.....	75	9,371	14,032,054	48,785,199	43,185,902	92,278,522
Tobacco processing.....	16	1,509	2,202,718	48,335,803	6,035,192	54,514,489
Rubber Products (including footwear)	60	23,475	46,613,896	82,934,625	110,673,001	196,307,734
Leather Products	792	35,724	52,628,611	123,894,474	86,646,061	212,430,165
Boots and shoes, leather.....	295	21,432	30,039,570	57,444,765	46,201,865	104,147,182
Boot and shoe findings, leather.....	26	635	1,057,035	1,361,682	1,549,336	3,021,495
Gloves and mittens, leather.....	84	2,825	3,297,787	6,345,174	5,232,984	11,627,892
Belting, leather.....	15	248	448,097	1,434,726	958,724	2,412,576
Leather tanneries.....	81	5,574	10,679,878	46,220,085	21,938,989	69,240,166
Miscellaneous leather goods.....	291	5,005	7,106,247	11,088,039	10,764,166	21,980,854
Textile Products (except clothing)	735	73,189	114,913,671	287,310,410	212,555,751	509,518,668
Cotton Goods	211	28,306	41,629,581	120,205,792	67,696,225	191,282,544
Thread.....	7	956	1,337,638	4,164,635	2,785,250	7,028,377
Yarn and cloth.....	45	24,086	35,444,411	99,599,159	55,460,989	158,272,431
Batting and wadding.....	7	396	851,282	2,695,322	1,751,761	4,510,332
Cotton and wool waste.....	28	496	804,133	4,538,557	1,649,916	6,255,364
Cotton goods, <i>n.e.s.</i>	125	2,368	3,192,112	9,208,116	5,958,306	15,216,040
Woollen Goods	206	18,596	29,371,355	67,236,086	55,724,484	125,039,169
Cloth.....	95	10,186	15,917,441	34,853,111	29,507,750	65,507,368
Yarn.....	55	4,816	6,859,561	17,489,930	12,667,257	30,577,163
Woollen goods, <i>n.e.s.</i>	36	2,241	4,154,251	10,922,536	8,854,733	20,130,381
Carpets, mats and rugs.....	20	1,347	2,440,090	3,970,501	4,694,746	8,824,257
Synthetic Textiles and Silk	40	14,728	24,284,463	32,659,919	49,809,478	84,869,922
Other Primary Textiles	87	4,582	7,560,007	7,381,181	12,512,339	20,841,392
Dyeing and finishing of textiles.....	44	2,418	4,504,975	2,156,938	7,513,908	10,484,634
Narrow fabrics.....	43	2,164	3,055,032	5,224,245	4,998,431	10,356,668
Miscellaneous Textile Prod- ucts	191	6,981	12,068,274	59,827,432	26,903,226	87,485,731
Awnings, tents and sails.....	96	1,392	2,142,049	4,723,190	2,761,692	7,552,399
Cordage, rope and twine.....	10	1,607	2,837,339	11,053,378	6,999,873	18,239,405
Cotton and jute bags.....	32	1,571	2,282,256	32,389,892	6,672,546	39,136,940
Flax products.....	33	361	514,749	.....	1,470,244	1,519,311
Linen goods.....	4	176	238,582	691,417	278,807	979,288
Miscellaneous textiles, <i>n.e.s.</i>	16	1,874	4,053,299	10,969,555	8,720,058	20,068,358
Clothing (Textile and Fur)	3,121	110,329	166,951,727	311,018,817	300,527,093	614,594,703
Men's, Women's and Child- ren's Clothing	1,979	66,754	103,584,377	191,411,735	185,065,514	377,523,005
Men's, factory.....	566	29,817	45,486,784	98,082,593	84,575,371	183,166,033
Women's, factory.....	1,169	30,969	50,357,121	92,713,574	91,158,213	184,305,430
Contractors, men's.....	150	4,563	5,968,952	512,886	7,034,561	7,624,312
Contractors, women's.....	94	1,405	1,771,520	102,682	2,297,369	2,427,230
Knit Goods	262	26,511	35,646,663	59,557,427	66,851,127	127,837,570

11.—Principal Statistics of Individual Manufacturing Industries, Classified on the Standard Classification Basis, 1947—continued

Group and Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Clothing (Textile and Fur)— concluded						
Miscellaneous Clothing.....	880	17,064	27,720,687	60,049,651	48,610,451	109,234,128
Corsets.....	40	3,259	4,093,288	6,276,121	7,800,361	14,121,811
Fur goods.....	616	6,094	11,406,564	36,912,921	20,450,221	57,541,628
Fur dressing and dyeing.....	24	1,359	2,353,951	781,591	3,649,571	4,530,478
Hats and caps.....	169	5,167	8,286,601	12,746,222	13,845,851	26,813,519
Oiled and waterproofed clothing.....	15	477	831,940	1,934,841	1,649,891	3,599,625
Gloves and mittens, fabric	16	708	748,343	1,397,940	1,214,541	2,627,067
Wood Products.....	9,744	120,434	186,467,946	398,854,196	365,050,221	771,403,332
Saw and Planing Mills.....	7,786	78,755	120,537,096	289,413,361	259,589,161	553,888,498
Flooring, hardwood.....	23	1,466	2,185,609	5,832,730	4,224,801	10,182,222
Veneer and plywood.....	36	5,990	10,729,456	17,852,712	25,769,317	44,073,514
Planing mills, sash and door factories.....	1,246	15,874	24,261,579	57,184,102	39,071,060	97,499,464
Sawmills.....	6,481	55,425	83,360,452	208,543,810	190,514,978	402,133,298
Furniture.....	1,016	24,781	41,277,665	59,277,186	65,490,301	126,198,873
Miscellaneous Wood Pro- ducts.....	912	16,898	24,653,185	50,163,641	39,979,751	91,315,961
Boxes and baskets, wooden.....	182	4,842	7,077,186	11,992,701	10,826,081	23,097,717
Coffins and caskets.....	52	1,298	1,914,460	2,386,344	2,980,881	5,441,549
Beekeepers' and poultry- men's supplies.....	12	142	147,830	258,585	428,322	696,580
Excelsior.....	11	172	242,559	237,736	873,431	650,673
Cooperage.....	71	919	1,485,941	4,017,231	2,865,841	6,951,196
Lasts, trees and other wood- en shoe findings.....	18	725	1,017,800	912,491	1,505,141	2,449,691
Refrigerators.....	15	539	849,367	1,161,020	1,386,010	2,569,672
Woodenware.....	31	860	1,092,750	850,420	1,380,391	2,266,905
Wood turning.....	86	1,807	2,384,216	2,816,131	3,517,821	6,414,061
Other wood products incl. charcoal and wood pre- servation.....	434	5,594	8,441,076	25,530,967	14,715,810	40,797,917
Paper Products.....	502	73,445	168,632,394	410,456,570	443,374,431	911,238,813
Boxes and bags, paper.....	165	12,227	19,390,377	53,059,800	37,889,850	91,641,607
Pulp and paper.....	115	49,946	129,477,995	295,444,331	356,084,900	706,971,628
Roofing paper, wallboard, etc. Miscellaneous paper products, incl. wall paper.....	21	2,183	4,236,230	14,324,191	12,584,001	27,405,316
	201	9,089	15,527,792	47,628,230	36,815,671	85,220,262
Printing, Publishing and Allied Trades.....	2,458	52,096	101,611,651	82,585,460	178,667,051	263,632,152
Printing and bookbinding.....	1,460	20,374	35,305,711	33,596,331	57,432,081	91,869,308
Blue printing.....	28	264	426,635	268,641	771,947	1,055,442
Trade composition.....	41	572	1,351,758	2,327,741	2,091,781	2,347,215
Printing and publishing.....	771	23,105	45,990,701	34,113,401	90,280,420	125,571,639
Engraving, stereotyping and electrotyping.....	107	3,842	9,662,967	3,670,101	14,105,770	17,952,948
Lithography.....	51	3,939	7,873,361	10,704,231	13,985,041	24,825,540
Iron and Steel Products.....	2,200	162,399	334,044,246	451,289,335	580,342,444	1,061,651,410
Agricultural implements.....	61	16,013	31,244,000	49,799,417	38,162,131	89,423,469
Boilers and plate work.....	49	5,598	12,535,961	14,637,411	20,525,111	35,775,822
Bridge and other structural shapes.....	26	7,178	16,132,591	22,160,371	29,674,022	52,559,258
Hardware, tools and cutlery.....	288	14,934	28,904,291	25,033,951	53,028,657	79,536,832
Heating and cooking apparatus.....	99	7,853	14,898,388	17,181,317	27,024,610	44,901,382
Machinery.....	322	29,920	61,969,692	74,101,757	124,576,615	200,894,754
Castings, iron.....	216	18,167	38,201,506	36,201,211	63,687,150	102,515,842
Machine shops.....	509	5,469	10,642,887	6,697,900	15,500,634	22,663,008
Primary iron and steel.....	58	26,933	60,285,368	104,532,334	92,879,888	216,275,618
Sheet metal products.....	253	17,637	33,261,819	68,591,605	59,254,654	129,494,950
Wire and wire goods.....	97	6,687	13,911,469	18,278,925	35,266,635	54,563,614
Miscellaneous iron products.....	222	6,010	12,056,264	14,073,124	20,762,334	36,049,861

11.—Principal Statistics of Individual Manufacturing Industries, Classified on the Standard Classification Basis, 1947—continued

Group and Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Transportation Equipment...	562	104,348	230,898,680	426,573,091	366,151,761	803,611,372
Aircraft.....	12	9,374	21,422,060	16,190,747	27,363,190	44,303,576
Bicycles.....	9	740	1,322,412	1,869,130	2,142,541	4,090,164
Boats and canoes.....	225	1,807	2,628,904	2,206,823	3,126,214	5,432,514
Automobiles.....	9	23,837	58,407,977	226,845,132	111,740,607	340,918,195
Automobile parts and acces- sories.....	128	17,487	36,559,864	65,430,940	64,028,974	131,534,939
Railway rolling-stock.....	37	28,525	61,754,235	73,076,408	82,389,093	159,283,149
Shipbuilding and repairs.....	74	21,119	46,457,707	37,263,603	71,213,925	110,131,129
Carriages, wagons and sleighs.....	56	668	1,030,462	1,013,986	1,532,475	2,591,536
Automobile accessories, fabric.....	12	790	1,315,059	2,676,322	2,614,742	5,326,170
Non-ferrous Metal Products.	503	43,344	91,046,568	434,517,197	201,162,856	668,074,514
Aluminum products.....	81	5,827	11,208,312	20,203,350	18,615,289	39,849,383
Brass and copper products.....	161	10,417	21,227,616	60,387,706	34,595,129	96,549,840
Jewellery, electro-plated ware, etc.....	176	5,679	10,193,396	18,457,579	16,842,801	35,552,401
Non-ferrous metal smelting and refining.....	16	17,449	40,767,871	308,267,931	115,798,652	453,033,942
White metal alloys.....	47	3,097	6,024,239	24,256,664	12,647,940	37,435,177
Miscellaneous non-ferrous metal prod.....	22	875	1,625,134	2,943,967	2,663,045	5,653,771
Electrical Apparatus and Supplies.....	296	52,736	103,891,016	162,131,266	200,859,040	366,506,203
Non-metallic Mineral Pro- ducts.....	863	26,443	50,456,143	66,266,546	115,277,990	201,786,910
Abrasive products.....	16	2,675	6,467,320	10,736,224	18,690,875	31,809,897
Asbestos products.....	14	966	1,807,614	3,773,792	3,035,014	7,115,767
Cement.....	8	1,650	3,679,446	4,354,657	13,449,437	23,582,011
Cement products.....	297	3,151	5,323,910	7,875,623	10,315,154	18,934,224
Clay products—						
Domestic.....	124	3,552	6,204,705	386,840	11,266,933	14,486,189
Imported.....	33	2,150	3,817,551	2,205,570	6,852,954	9,604,476
Sand-lime brick.....	4	125	210,754	152,362	383,826	592,170
Glass products.....	96	5,827	10,599,750	13,791,877	20,319,451	36,459,863
Gypsum products.....	10	905	1,588,298	5,503,676	5,026,515	11,026,829
Lime.....	42	1,038	2,052,801	573,635	5,763,244	8,580,232
Salt.....	10	700	1,399,693	1,100,923	3,493,193	5,366,032
Stone, monumental and orna- mental.....	151	1,815	3,426,534	4,207,405	7,012,849	11,634,684
Other non-metallic mineral products.....	58	1,889	3,877,767	11,603,962	9,668,545	22,324,745
Products of Petroleum and Coal.....	80	12,769	28,689,932	257,420,851	84,073,746	361,333,008
Coke and gas products.....	34	5,009	10,812,112	39,904,780	25,748,094	72,832,722
Petroleum products.....	46	7,760	17,877,820	217,516,071	58,325,652	288,500,286
Chemical Products.....	1,046	39,237	78,993,517	238,310,157	234,056,973	488,307,293
Acids, alkalis and salts.....	31	5,541	12,928,796	19,059,360	33,206,084	59,318,463
Fertilizers.....	31	3,258	7,283,119	27,417,467	28,901,802	58,784,345
Medicinal and pharmaceutical preparations.....	213	7,678	13,848,910	26,243,762	43,500,537	70,291,294
Paints, pigments and varnishes.....	109	5,428	10,876,496	38,322,293	31,063,434	69,912,278
Plastics, primary.....	10	1,060	2,351,244	5,176,706	6,402,598	11,782,525
Soaps, washing compounds, etc.....	166	3,262	6,804,806	28,957,155	23,490,985	53,200,468
Toilet preparations.....	100	1,870	2,885,038	6,639,897	10,182,450	16,888,213
Vegetable oil mills.....	15	746	1,513,798	32,769,012	5,270,781	9,347,501
Miscellaneous Chemicals—						
Inks, printing and writing.....	32	719	1,464,845	3,142,522	3,817,893	7,022,266
Adhesives.....	26	729	1,551,084	4,303,021	2,837,800	7,415,610
Polishes and dressings.....	55	743	1,280,870	4,786,897	3,894,816	8,736,037
Coal tar distillation.....	11	392	776,227	3,752,693	2,008,188	6,150,880
Gases, compressed.....	44	1,089	2,262,527	1,475,523	7,765,803	9,607,229
Miscellaneous chemicals, n.e.s.....	203	6,722	13,165,757	36,263,849	31,713,802	70,850,184

11.—Principal Statistics of Individual Manufacturing Industries, Classified on the Standard Classification Basis, 1947—concluded

Group and Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Miscellaneous Manufacturing Industries	812	23,037	37,606,176	47,066,930	68,323,345	116,858,617
Brooms, brushes and mops....	89	2,645	4,053,617	6,863,514	8,193,104	15,181,136
Fountain pens and pencils.....	10	1,426	2,326,043	3,522,684	5,344,271	8,905,989
Musical instruments.....	25	1,085	1,831,264	1,441,455	2,868,189	4,389,665
Plastic products, fabricated..	81	2,503	3,910,567	5,869,959	6,683,145	12,716,010
Scientific and professional equipment.....	71	3,923	7,440,830	9,118,803	12,245,656	21,585,832
Sporting goods.....	56	1,487	2,318,966	3,050,565	3,586,047	6,707,098
Toys and games.....	47	1,203	1,639,592	1,836,849	2,324,178	4,211,715
Typewriter supplies.....	8	332	644,270	1,710,390	1,568,187	3,298,445
Other miscellaneous indus- tries—						
Statuary, art goods and novelties.....	100	992	1,303,428	1,214,486	1,951,092	3,197,721
Lamps, electric and lamp shades.....	42	845	1,148,954	1,770,414	1,828,889	3,634,092
Artificial flowers and feathers.....	41	687	796,704	680,430	1,250,543	1,943,324
Signs, electric, neon and other.....	42	1,038	2,183,227	1,528,525	3,829,354	5,452,873
Hair goods, animal and human.....	22	253	378,968	964,609	609,471	1,583,360
Umbrellas.....	7	188	234,524	718,151	596,985	1,317,114
Tobacco pipes and other smokers' supplies.....	13	362	541,419	946,017	2,052,780	3,011,760
Buttons.....	29	1,966	3,301,975	3,447,013	5,759,715	9,289,459
Stamp and stencils, rubber and metal.....	45	600	1,077,491	499,784	1,496,563	2,020,738
Jewellery cases, etc.....	12	432	593,001	618,799	810,863	1,447,319
Ice, artificial.....	60	803	1,461,664	169,545	4,213,749	4,733,963
Candles.....	12	267	419,672	1,094,938	1,110,564	2,231,004
Totals, All Industries	32,734	1,131,750	2,085,925,966	5,534,250,019	4,292,055,802	10,081,026,580

Subsection 3.—Manufactures Classified by the Purpose of the Products

Significant changes have occurred since 1933 in the type and variety of Canadian manufacturing production. On the basis of the percentage of gross value of production, the most striking change is shown by the food group which fell from 25.2 p.c. of the total in 1933 to 21.2 p.c. in 1939 and 21.2 p.c. in 1947. Another change which emphasizes the greater industrialization of Canada since the war is shown by the increase in the proportion of the producers materials group which rose from 29.4 p.c. in 1933 to 33.2 p.c. in 1947. The industrial equipment group which more than any other factor reflects the increased tempo of manufacturing production also rose from 14.2 p.c. in 1933 to 17.0 p.c. in 1947. There were also increases in the proportion of vehicles and vessels and house furnishings. Declines were reported by the clothing, drink and tobacco, personal equipment and books and stationery groups.

12.—Principal Statistics of Manufacturing Industries, Classified According to Purpose of Principal Product, by Main Groups, Significant Years 1922-47 and in Detail for 1947.

Year and Group	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1922						
Food.....	8,256	343,867,673	66,815	67,738,707	490,731,438	673,794,031
Drink and tobacco.....	496	104,047,461	13,402	13,777,986	33,027,203	99,529,819
Clothing.....	659	166,336,319	63,441	59,056,687	117,015,780	221,903,467
Personal utilities.....	936	56,060,262	16,904	17,080,049	21,879,031	57,258,476
House furnishings.....	600	75,168,053	18,032	19,861,883	24,956,960	62,961,050
Books and stationery.....	1,557	82,240,691	28,103	36,920,804	27,190,071	99,118,999
Vehicles and vessels.....	1,154	191,257,804	30,067	37,237,412	87,840,814	160,624,079
Producers materials.....	5,588	1,086,692,015	143,354	147,581,011	316,400,400	666,241,271
Industrial equipment.....	1,740	556,862,578	75,269	89,081,303	160,035,399	338,882,958
Miscellaneous.....	30	4,960,434	869	1,061,388	2,964,354	4,916,418
Totals, 1922.....	21,016	2,667,493,290	456,256	489,397,230	1,282,041,450	2,385,230,538
1929						
Food.....	8,351	463,984,558	94,707	87,960,036	597,396,238	837,986,384
Drink and tobacco.....	599	201,365,785	18,976	21,670,376	65,440,053	208,968,998
Clothing.....	1,680	223,376,104	93,935	88,914,849	172,726,557	336,452,685
Personal utilities.....	380	56,155,234	11,148	13,595,331	29,389,246	61,191,750
House furnishings.....	600	76,185,921	20,857	23,248,775	34,293,465	77,811,331
Books and stationery.....	1,917	144,222,275	38,141	56,003,183	45,384,362	155,947,960
Vehicles and vessels.....	781	310,942,038	61,835	91,239,185	243,258,350	407,947,648
Producers materials.....	6,227	1,776,758,115	223,071	258,255,079	524,193,104	1,154,908,260
Industrial equipment.....	1,576	719,112,914	99,922	131,820,142	304,581,449	614,827,756
Miscellaneous.....	105	32,789,065	3,939	4,584,261	13,007,989	27,403,344
Totals, 1929.....	22,216	4,004,892,009	666,531	777,291,217	2,029,670,813	3,881,446,116
1933						
Food.....	8,759	408,995,499	75,434	68,652,798	313,760,942	492,729,174
Drink and tobacco.....	670	185,612,678	18,289	17,626,141	40,454,300	98,409,638
Clothing.....	1,922	243,382,092	75,363	56,001,234	103,209,050	194,627,734
Personal utilities.....	601	39,681,900	8,938	8,616,372	15,323,848	35,589,961
House furnishings.....	654	66,047,002	15,587	12,887,200	16,022,584	38,684,649
Books and stationery.....	2,170	132,507,101	34,300	42,830,661	28,818,380	103,477,707
Vehicles and vessels.....	479	232,153,543	37,618	35,725,625	56,917,292	120,992,781
Producers materials.....	6,564	1,459,569,284	139,734	126,208,238	252,383,314	573,991,467
Industrial equipment.....	1,819	588,147,285	60,061	64,155,426	133,382,392	277,075,032
Miscellaneous.....	142	23,163,454	3,334	3,544,129	7,516,826	18,497,642
Totals, 1933.....	23,780	3,279,259,838	468,658	436,247,824	967,788,928	1,954,675,785
1937						
Food.....	8,696	441,611,585	96,740	94,656,930	558,118,480	792,271,852
Drink and tobacco.....	668	187,487,631	21,646	24,398,981	68,935,399	152,152,105
Clothing.....	2,158	173,474,299	95,274	79,547,935	148,901,374	271,690,917
Personal utilities.....	634	43,476,516	12,420	12,729,626	28,185,411	55,289,473
House furnishings.....	800	89,293,123	27,446	27,169,931	41,836,387	90,102,397
Books and stationery.....	2,349	137,392,420	40,348	53,453,842	44,257,314	138,673,644
Vehicles and vessels.....	376	248,949,257	55,141	71,890,706	186,070,917	319,280,534
Producers materials.....	6,892	1,482,194,043	208,930	232,733,013	634,232,482	1,221,670,588
Industrial equipment.....	2,086	629,908,231	97,250	119,070,287	280,546,886	551,891,976
Miscellaneous.....	175	31,440,726	5,256	6,075,786	15,842,137	32,436,410
Totals, 1937.....	24,834	3,465,237,831	660,451	721,727,037	2,006,926,787	3,625,459,500
1939						
Food.....	8,529	451,298,489	99,983	101,904,518	526,619,353	784,072,722
Drink and tobacco.....	657	190,313,279	23,489	27,051,038	74,295,571	161,812,439
Clothing.....	2,178	187,495,826	97,220	83,762,588	146,201,614	275,567,762
Personal utilities.....	623	46,866,657	12,623	13,771,704	26,408,179	57,043,684
House furnishings.....	767	93,773,837	27,647	28,417,336	40,528,394	83,800,804
Books and stationery.....	2,452	143,293,147	41,804	56,466,921	47,916,777	144,288,052
Vehicles and vessels.....	364	269,734,181	54,673	72,238,590	141,704,269	266,089,493
Producers materials.....	7,095	1,580,602,852	201,849	229,381,185	559,816,486	1,130,510,177
Industrial equipment.....	1,957	650,305,878	93,235	117,754,200	257,416,590	528,678,421
Miscellaneous.....	183	33,340,303	5,591	7,063,013	15,252,136	34,919,974
Totals, 1939.....	24,805	3,647,024,449	658,114	737,811,153	1,836,159,375	3,474,783,523

¹ For the year 1922 the figures for "Cost of Materials" and "Gross Value of Products" include the value placed on intermediate products used in further processes in the chemical group of industries. For this reason these figures differ slightly from those contained in the other tables of this report.

12.—Principal Statistics of Manufacturing Industries, Classified According to Purpose of Principal Product, by Main Groups, Significant Years, 1922-47 and in Detail for 1947—continued.

Year and Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials Used	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1944						
Food.....	8,435	136,747	183,795,031	1,271,356,037	408,862,849	1,702,330,839
Drink and tobacco.....	635	28,566	44,140,376	118,406,602	159,387,625	281,731,695
Clothing.....	2,713	117,056	146,623,855	284,018,437	242,324,720	529,230,834
Personal utilities.....	758	18,922	26,130,683	54,417,448	59,949,718	115,502,040
House furnishings.....	908	38,940	58,428,100	83,231,172	100,932,323	187,175,054
Books and stationery.....	2,468	47,319	76,542,070	75,882,848	141,795,037	219,966,613
Vehicles and vessels.....	413	222,604	454,449,952	637,341,589	771,461,866	1,425,858,778
Producers materials.....	8,990	343,035	567,699,762	1,369,160,212	1,142,646,292	2,646,303,770
Industrial equipment.....	2,889	216,279	385,434,071	697,897,961	781,329,304	1,512,623,216
Miscellaneous.....	274	53,414	86,379,470	240,621,050	207,086,275	452,969,680
Totals, 1944.....	28,483	1,222,882	2,029,621,370	4,832,333,356	4,015,776,010	9,073,692,519
1946						
Food.....	8,307	142,948	208,246,768	1,344,869,257	445,583,247	1,814,909,474
Drink and tobacco.....	659	29,435	48,852,221	144,197,521	201,409,448	349,914,231
Clothing.....	3,401	132,018	179,302,900	344,488,916	313,084,058	660,852,502
Personal utilities.....	831	22,878	33,330,845	72,388,600	74,217,740	147,894,182
House furnishings.....	1,380	46,552	72,474,444	113,497,880	124,634,329	241,541,217
Books and stationery.....	2,591	56,642	98,160,792	100,762,002	183,400,588	286,843,601
Vehicles and vessels.....	466	106,870	209,206,556	318,485,632	323,005,130	653,216,763
Producers materials.....	10,148	320,766	541,037,792	1,260,493,056	1,121,849,111	2,508,083,992
Industrial equipment.....	3,224	191,864	336,665,748	624,737,938	649,538,467	1,306,685,056
Miscellaneous.....	242	8,183	13,409,188	34,313,964	30,282,862	65,751,453
Totals, 1946.....	31,249	1,058,156	1,749,637,254	4,358,234,766	3,467,004,989	8,035,692,471
1947						
Food.....	8,315	148,550	237,703,999	1,577,292,417	532,580,630	2,138,311,685
Drink and Tobacco.....	655	30,895	56,175,481	177,458,594	215,226,589	397,823,033
Clothing.....	3,541	135,278	201,085,788	375,489,186	353,212,485	732,313,101
Personal Utilities.....	891	21,567	35,881,295	76,658,391	78,052,852	156,165,277
House Furnishings.....	1,572	49,877	85,971,022	134,264,352	146,464,584	284,802,773
Books and Stationery.....	2,654	60,423	115,621,558	128,096,172	212,588,660	343,739,057
Vehicles and vessels.....	482	109,546	239,637,650	410,400,454	410,181,052	863,057,997
Producers materials.....	10,903	354,769	677,273,481	1,710,356,735	1,480,918,845	3,346,222,113
Industrial equipment.....	3,459	210,594	416,792,695	852,124,406	817,657,600	1,708,858,864
Miscellaneous.....	262	10,251	19,782,997	61,139,312	45,172,605	109,732,680
Totals, 1947.....	32,734	1,131,750	2,085,925,966	5,534,280,019	4,292,055,802	10,081,026,580
1947—Detail						
Food.....	8,315	148,550	237,703,999	1,577,292,417	532,580,630	2,138,311,685
Breadstuffs.....	4,191	56,612	87,037,860	448,607,152	192,177,325	650,760,887
Fish.....	594	12,043	15,860,682	62,780,333	41,081,688	105,272,682
Fruit and vegetable prepara- tions.....	502	17,036	22,199,466	89,332,550	61,349,705	152,712,901
Meats.....	225	22,399	45,574,430	411,836,980	78,835,085	493,947,230
Milk products.....	2,175	24,063	37,634,225	291,034,867	84,678,476	382,071,858
Oils and fats.....	9	171	383,933	974,180	723,085	1,793,070
Sugar.....	11	3,003	6,309,481	63,883,259	14,204,767	80,194,369
Miscellaneous.....	608	13,223	22,703,922	208,843,096	59,530,496	271,558,688
Drink and Tobacco.....	655	30,895	56,175,481	177,458,594	215,226,589	397,823,033
Beverages, alcoholic.....	79	13,466	28,941,248	54,428,925	124,992,712	182,925,159
Beverages, non-alcoholic.....	485	6,549	10,999,461	25,908,667	41,012,783	68,104,863
Tobacco.....	91	10,880	16,234,772	97,121,002	49,221,094	146,793,011
Clothing.....	3,541	135,278	201,085,788	375,489,186	353,212,485	732,313,101
Boots and shoes, leather.....	295	21,433	30,039,570	57,444,765	46,201,865	104,147,182
Fur goods.....	640	7,453	13,760,615	37,694,519	24,099,800	62,072,106
Garments and personal fur- nishings.....	2,019	70,013	107,677,665	197,687,860	192,865,877	391,644,816
Gloves and mittens.....	100	3,537	4,046,130	7,743,114	6,447,526	14,254,959
Hats and caps.....	210	5,854	9,083,305	13,426,652	15,096,397	28,756,843
Knitted goods.....	262	26,511	35,646,663	59,557,427	66,851,127	127,837,570
Waterproofs.....	15	477	831,940	1,934,849	1,649,893	3,599,625

12.—Principal Statistics of Manufacturing Industries, Classified According to Purpose of Principal Product, by Main Groups, Significant Years, 1922-47 and in Detail for 1947—concluded.

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials Used	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Personal Utilities	891	21,567	35,881,295	76,658,391	78,052,852	156,165,277
Jewellery and time-pieces....	176	5,679	10,193,396	18,457,579	16,842,801	35,552,401
Recreational supplies.....	128	3,775	5,789,822	6,328,869	8,778,414	15,308,478
Personal utilities.....	587	12,113	19,898,077	51,871,943	52,431,637	105,304,398
House Furnishings	1,572	49,877	85,971,022	134,264,352	146,464,584	284,802,773
Books and Stationery	2,654	60,423	115,621,558	128,096,172	212,588,660	343,739,057
Vehicles and Vessels	482	109,546	239,637,650	441,400,454	410,181,052	863,057,997
Producers' Materials	10,903	354,769	677,273,481	1,710,356,735	1,480,918,845	3,346,222,113
Farm material.....	31	3,258	7,283,119	27,417,467	28,901,802	58,784,345
Manufacturers materials.....	1,471	216,969	450,867,053	1,166,251,915	981,327,274	2,275,470,472
Building materials.....	8,844	108,984	178,045,240	401,198,106	391,742,553	814,049,300
General materials.....	557	25,558	41,078,069	115,489,247	78,947,216	197,917,996
Industrial Equipment	3,459	210,594	416,792,695	852,124,406	817,657,509	1,708,858,864
Farming equipment.....	73	16,155	31,391,836	50,058,002	38,590,453	90,120,049
Manufacturing equipment.....	340	30,645	62,987,492	75,014,252	126,081,760	203,344,445
Trading equipment.....	155	2,773	5,366,652	3,908,244	11,107,853	15,506,019
Service equipment.....	436	13,891	24,507,628	38,963,395	60,678,168	100,516,396
Light, heat and power equip- ment.....	447	71,388	145,599,533	435,684,014	306,471,860	766,145,088
General equipment.....	2,008	75,742	146,939,554	248,496,499	274,727,406	533,226,867
Miscellaneous	262	10,251	19,782,997	61,139,312	45,172,605	109,732,680

Table 13 gives the amount and value of each of the principal commodities produced by the manufacturing industries of Canada. Commodities produced in small quantities are not included but the list covers approximately 75 p.c. of total production. For a complete list of products, see Appendix II of this report.

13.—Quantities and Values of Principal Commodities Produced by Manufacturing Industries, Grouped by Purpose, 1947

Group and Commodity	Unit of Measure	Quantity	Value
			\$
Food—			
Biscuits, all kinds.....	ton	82,597	35,477,839
Bread, pies, cakes, etc.....	—	—	149,975,546
Butter, factory made.....	lb.	290,955,263	152,936,680
Cheese, factory made.....	"	169,807,947	47,601,192
Confectionery, all kinds.....	"	182,806,032	58,078,331
Cream, sold in dairy factories.....	"	28,871,178	24,341,927
Feed, chopped grain.....	ton	1,431,646	68,729,805
Fish, canned and otherwise prepared.....	ton	62,798,157	62,798,157
Flour, wheat.....	bbl.	28,383,698	209,629,766
Feeds, stock, and poultry.....	ton	1,839,690	108,702,128
Fruits and vegetables, canned.....	lb.	487,027,420	52,372,243
Ice cream, factory made.....	gal.	21,162,909	27,570,169
Jams, jellies and marmalades.....	lb.	117,112,635	17,574,566
Lard.....	"	52,950,302	11,988,313

13.—Quantities and Values of Principal Commodities Produced by Manufacturing Industries, Grouped by Purpose, 1947—continued

Group and Commodity	Unit of Measure	Quantity	Value
			\$
Food—concluded			
Meats, canned incl. poultry, pastes, etc.	lb.	116,263,607	30,402,087
Meats, cured	"	397,223,356	120,259,254
Meats, sold fresh	"	829,118,336	188,827,541
Milk, sold in dairy factories	gal.	131,355,501	73,152,304
Milk, evaporated and condensed	lb.	251,164,968	25,937,530
Pickles, sauces and catsup	"	—	14,424,582
Powders, edible	lb.	124,885,476	35,650,204
Sausage, fresh and cured	"	69,635,437	19,277,092
Shortening	"	119,470,951	25,501,668
Sugar, granulated (cane and beet)	"	911,755,196	65,368,978
Tea and coffee, roasted, blended and packed	"	114,383,441	66,419,641
Drink and Tobacco—¹			
Aerated waters	gal.	69,413,261	48,115,917
Beer, ale, stout and porter	"	160,874,847	194,312,178
Cigarettes	M	15,687,127	220,649,206
Cigars	"	214,745	14,081,505
Spirits, potable, sold (net sales)	Pr gal.	8,854,265	50,670,613
Tobacco, chewing, smoking and snuff	lb.	28,763,984	48,646,481
Tobacco, raw leaf, processed	"	120,092,223	54,514,489
Wine, sold	gal.	4,976,060	10,712,855
Clothing—			
Coats and overcoats, men's, boys' and women's	No.	2,527,155	94,795,540
Dresses, women's and misses'	"	10,485,683	57,362,440
Footwear, leather	pr.	30,592,765	97,279,273
Footwear, rubber	"	24,558,860	35,927,326
Hats and caps, men's and boys'	doz.	637,955	12,151,624
Hats, women's	"	369,113	9,822,982
Hosiery, all kinds	doz. pr.	9,126,836	55,224,777
Shirts, fine and work	doz.	1,214,075	24,572,875
Suits, men's and boys'	No.	2,168,412	50,344,804
Suits, women's and misses'	"	693,964	13,949,158
Underwear	doz.	3,683,610	28,820,644
Uniforms, woollen	—	—	3,526,980
Personal Utilities—			
Bags, leather	—	—	10,055,012
Jewellery	—	—	9,951,899
Pianos, organs and parts	—	—	2,809,142
Plated ware, all kinds	—	—	11,857,136
Radio sets and accessories ²	—	—	50,663,874
Soap	—	—	34,556,121
Sporting goods	—	—	8,804,243
Toilet preparations and perfumes	—	—	15,296,407
Toys and games	—	—	6,542,442
House Furnishings—			
Blankets, all kinds	lb.	9,761,654	9,661,942
Brooms and brushes	—	—	13,600,246
Carpets, mats and rugs	—	—	8,225,830
Furniture, household, incl. beds and couches	—	—	76,241,280
Kitchenware	—	—	10,981,612
Mattresses	No.	1,052,173	14,626,606
Mops	—	—	1,818,034
Springs, bed and other furniture	—	—	8,928,656
Stoves, coal, wood, electric and gas	—	—	29,926,865
Books and Stationery—			
Advertising matter, printed	—	—	21,931,666
Books and catalogues, printed	—	—	14,816,125
Circular letters, bank notes, etc., printed	—	—	11,056,305
Periodicals, printed for publishers	—	—	13,612,157
Periodicals, printed by publishers—			
Subscriptions and sales	—	—	35,213,241
Gross revenue from advertising	—	—	71,442,800
Sheet forms, commercial, printed	—	—	23,079,402

¹ Includes excise taxes on tobacco products and prime cost of spirits. ² See also Radio communication equipment under "Miscellaneous".

13.—Quantities and Values of Principal Commodities Produced by Manufacturing Industries, Grouped by Purpose, 1947—concluded

Group and Commodity	Unit of Measure	Quantity	Value
			\$
Vehicles and Vessels—			
Aircraft, including parts and repairs.....	—	—	40, 148, 078
Automobiles, commercial.....	No.	90, 758	116, 357, 486
Automobiles, passenger.....	"	167, 257	182, 161, 183
Automobile parts and accessories, incl. tires, etc.....	—	—	270, 036, 257
Cars, locomotives, and parts.....	—	—	51, 130, 957
Ships and ship repairs.....	—	—	125, 566, 751
Miscellaneous—			
Abrasives, artificial.....	—	—	21, 613, 419
Bags, cotton and jute.....	doz.	12, 423, 395	33, 762, 600
Bags, paper.....	—	—	19, 602, 560
Bars, iron and steel, hot rolled.....	net ton	473, 430	38, 949, 914
Batteries, electric, and parts.....	—	—	22, 304, 010
Blooms, billets and slabs.....	net ton	393, 525	18, 354, 265
Boilers, heating and power.....	—	—	10, 916, 700
Boxes, paper and wood.....	—	—	85, 688, 260
Calcium and sodium compounds.....	—	—	26, 267, 730
Cans, tin.....	—	—	52, 061, 837
Castings, iron (made for sale).....	ton	246, 318	39, 597, 433
Coke.....	"	3, 514, 151	39, 339, 891
Cotton fabrics.....	—	—	84, 511, 298
Enamels, lacquers and varnishes.....	—	—	29, 304, 266
Explosives.....	—	—	10, 125, 766
Farm implements and parts.....	—	—	79, 966, 899
Ferro-alloys.....	—	—	20, 264, 044
Forgings, steel and other.....	—	—	11, 199, 221
Gas, sold.....	M cu ft.	22, 947, 000	22, 435, 440
Gases, compressed and liquefied.....	—	—	15, 468, 475
Gasoline.....	imp. gal.	1, 074, 549, 865	143, 342, 382
Glass, pressed and blown.....	—	—	22, 049, 023
Hardware, builders' and other.....	—	—	16, 020, 158
Leather, shoe.....	—	—	49, 877, 375
Lumber, sawn, rough and planed.....	—	—	359, 014, 043
Machinery, including industrial, household and business.....	—	—	276, 382, 300
Medicines and pharmaceuticals.....	—	—	56, 491, 282
Oil, fuel and gas.....	imp. gal	1, 098, 250, 412	81, 226, 505
Paints, mixed, ready for use.....	"	10, 023, 399	31, 449, 632
Paper, newsprint, wrapping and book.....	—	—	396, 207, 262
Paper boards.....	—	—	74, 915, 382
Pipes and fittings, iron and steel.....	—	—	36, 214, 439
Plastics, primary.....	—	—	11, 782, 525
Plates, sheets, etc., iron and steel.....	net ton	683, 428	54, 376, 477
Pulp, wood, made for sale.....	short ton	2, 003, 467	199, 761, 874
Radio communication equipment.....	—	—	5, 563, 548
Refrigerators, electric.....	No.	111, 962	20, 311, 644
Rods and bars, brass, bronze, etc.....	lb.	239, 663, 038	10, 831, 141
Rods, copper wire.....	"	130, 145, 891	26, 904, 210
Rolled iron and steel forms, semi-finished.....	net ton	393, 525	18, 354, 265
Sash, doors and other millwork.....	—	—	39, 620, 144
Scientific and professional equipment.....	—	—	21, 585, 832
Synthetic silk fabrics and mixtures, woven, continuous filament.....	yd.	64, 614, 667	41, 184, 424
Smelter and refinery products.....	—	—	453, 033, 942
Spun rayon fabrics and mixtures.....	yd.	15, 762, 148	8, 931, 654
Steel ingots and castings (sold).....	net ton	152, 113	25, 260, 293
Steel shapes erected, bridge, etc.....	—	—	31, 475, 866
Steel shapes, structural, made in primary mills.....	net ton	175, 386	10, 995, 147
Tire fabrics.....	lb.	24, 836, 912	15, 526, 741
Tools, all kinds.....	—	—	19, 552, 663
Twine and rope.....	—	—	21, 223, 359
Wires and cables, electrical.....	—	—	77, 694, 607
Wire, wire rope and cable, steel.....	—	—	19, 064, 109
Woolen cloth, woven and other.....	—	—	56, 864, 562
Yarn, cotton, synthetic fibres, wool, etc., (made for sale.).....	lb.	90, 650, 864	83, 847, 581

Subsection 4.—Manufactures Classified by Origin of Materials

The distinction made between farm materials of Canadian and foreign origin is based on whether the materials are indigenous to Canada rather than on their actual source. Thus, the industries included in the foreign origin classes are those

depending upon materials that cannot be grown in Canada, such as tea, coffee spices, cane sugar, rice, rubber, cotton, etc. Industries included in the Canadian origin classes may, however, be using large quantities of imported materials.

The mineral origin group includes, in addition to non-ferrous metals so largely produced in Canada, the manufactures of iron and steel, of petroleum, and of other mineral substances, the raw materials for which are very largely imported. Products of mineral origin, with the exception of fuels, are nearly all durable goods. A high standard of living and advanced industrial organization is usually indicated by a relatively large production and consumption of mineral products. During periods of depression when the production of capital goods is curtailed, employment in the industries of the farm group, which produce mainly consumer goods, exceeds that of the mineral group. The industries of the mineral group in 1943, at the maximum of the war effort, had by far the greatest capital investment, employed the largest number of persons, and paid out the highest amount in salaries and wages. In 1943 the average capital per employee amounted to \$5,441 for the mineral group as compared with \$4,417 for the farm origin group. The mineral group also pays the highest wages. In 1947 the average salary and wage was \$2,092 for the mineral group and \$1,621 for the farm origin group.

14.—Principal Statistics of Manufacturing Industries, Classified According to Origin of Material Used, by Main Groups, Significant Years 1924-47.

Year and Origin	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1924						
Farm origin.....	8,663	772,791,471	152,488	153,213,763	716,047,892	1,099,279,665
Mineral origin.....	2,806	1,010,517,944	136,837	171,068,497	349,800,585	700,002,097
Forest origin.....	6,873	876,149,932	126,907	147,719,245	245,183,429	544,282,597
Marine origin.....	836	20,304,785	11,157	3,344,348	16,089,332	26,637,962
Wild life origin.....	226	10,837,249	2,944	3,194,213	7,506,169	13,886,266
Mixed origin.....	1,305	204,716,127	57,277	55,927,609	101,563,384	200,718,177
Grand Totals, 1924....	20,709	2,895,317,508	487,610	534,467,675	1,436,190,791	2,584,306,764
Farm Origin Group—						
From field crops.....	4,595	525,717,571	89,436	87,789,237	433,443,376	691,513,259
From animal husbandry..	4,068	247,073,900	63,052	65,424,526	282,604,516	407,766,406
Totals, Farm Origin.....	8,663	772,791,471	152,488	153,213,763	716,047,892	1,099,279,665
Canadian origin.....	8,379	546,231,949	114,514	119,217,657	553,357,883	848,236,237
Foreign origin.....	284	226,559,522	37,974	33,996,106	162,690,009	251,043,428
1929						
Farm origin.....	9,041	969,384,866	181,682	188,306,755	852,606,083	1,396,769,569
Mineral origin.....	3,219	1,550,662,908	218,879	304,027,803	678,683,203	1,392,499,868
Forest origin.....	7,353	1,148,558,242	163,863	191,044,307	313,088,964	722,269,066
Marine origin.....	730	28,644,442	16,367	5,411,855	21,496,859	34,966,260
Wild life origin.....	234	14,338,686	3,767	4,783,323	12,847,817	20,861,039
Mixed origin.....	1,639	293,302,865	81,973	83,717,174	150,947,887	316,080,314
Grand Totals, 1929....	22,216	4,004,892,009	666,531	777,291,217	2,029,670,813	3,883,446,116
Farm Origin Group—						
From field crops.....	5,191	697,206,163	114,236	115,201,292	496,842,580	889,075,246
From animal husbandry..	3,850	272,178,703	67,446	73,105,463	355,763,503	507,694,323
Totals, Farm Origin.....	9,041	969,384,866	181,682	188,306,755	852,606,083	1,396,769,569
Canadian origin.....	8,743	708,461,549	134,680	140,340,993	682,056,026	1,106,006,184
Foreign origin.....	298	260,923,317	47,002	47,965,762	170,550,057	290,763,335

¹ For the year 1924 the figures for "Cost of Materials" and "Gross Value of Products" include the value placed on intermediate products used in further processes in the chemical group of industries. For this reason these figures differ slightly from those contained in the other tables of this report.

14.—Principal Statistics of Manufacturing Industries, Classified According to Origin of Material Used, by Main Groups, Significant Years 1924-47—continued.

Year and Origin	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1933						
Farm origin.....	9,695	844,582,058	158,602	137,711,749	454,882,704	791,956,470
Mineral origin.....	3,539	1,306,641,651	130,565	138,101,092	271,434,337	601,428,003
Forest origin.....	7,796	882,445,602	102,807	99,046,012	133,550,374	335,886,257
Marine origin.....	620	15,532,775	4,064	2,287,385	10,960,289	17,380,323
Wild life origin.....	335	10,507,157	3,498	3,481,885	7,159,079	13,000,927
Mixed origin.....	1,795	219,550,595	69,122	55,619,701	89,802,145	194,423,805
Grand Totals, 1933.....	23,780	3,279,259,838	468,658	436,247,824	967,788,928	1,954,075,785
Farm Origin Group—						
From field crops.....	5,746	609,044,529	93,433	81,655,182	263,007,043	494,048,930
From animal husbandry..	3,949	235,537,529	65,169	56,056,567	191,875,661	297,907,540
Totals, Farm Origin.....	9,695	844,582,058	158,602	137,711,749	454,882,704	791,956,470
Canadian origin.....	9,373	629,450,643	124,547	107,807,386	365,559,776	620,197,449
Foreign origin.....	322	215,131,415	34,055	29,904,363	89,322,928	171,759,021
1937						
Farm origin.....	10,139	901,539,200	203,908	197,861,819	809,964,706	1,276,249,283
Mineral origin.....	3,384	1,401,562,788	216,959	280,323,383	784,742,328	1,451,202,762
Forest origin.....	8,392	916,530,488	144,597	161,030,221	254,863,829	589,517,795
Marine origin.....	597	18,130,385	5,427	3,354,771	16,318,781	26,088,625
Wild life origin.....	365	13,328,164	4,264	4,452,918	10,761,233	17,658,867
Mixed origin.....	1,957	214,136,806	85,296	74,703,925	130,275,910	264,742,168
Grand Totals, 1937.....	24,834	3,465,227,831	660,451	721,727,037	2,006,926,787	3,625,459,500
Farm Origin Group—						
From field crops.....	6,197	635,995,955	118,765	115,999,546	456,791,911	774,683,154
From animal husbandry..	3,942	265,543,245	85,143	81,862,273	353,172,795	501,566,129
Totals, Farm Origin.....	10,139	901,539,200	203,908	197,861,819	809,964,706	1,276,249,283
Canadian origin.....	9,326	673,003,567	158,075	152,070,575	659,488,389	1,008,885,353
Foreign origin.....	813	228,535,633	45,833	45,791,244	150,476,317	267,363,930
1939						
Farm origin.....	10,203	952,929,892	220,210	217,724,965	778,250,125	1,289,993,021
Mineral origin.....	3,474	1,498,265,618	210,752	280,054,303	669,728,573	1,321,444,094
Forest origin.....	8,430	951,016,933	142,091	160,798,500	244,944,997	572,335,960
Marine origin.....	523	21,479,200	5,369	3,638,794	18,114,698	28,816,536
Wild life origin.....	384	14,723,743	4,604	5,396,623	11,592,066	19,961,526
Mixed origin.....	1,791	208,609,063	75,088	70,197,968	113,528,916	242,232,391
Grand Totals, 1939.....	24,805	3,647,024,449	658,114	737,811,153	1,836,159,375	3,471,783,528
Farm Origin Group—						
From field crops.....	6,096	649,746,486	124,708	126,311,033	410,994,461	759,964,866
From animal husbandry..	4,107	303,183,406	95,502	91,413,932	367,255,664	530,028,155
Totals, Farm Origin.....	10,203	952,929,892	220,210	217,724,965	778,250,125	1,289,993,021
Canadian origin.....	9,382	699,345,423	171,460	168,260,771	630,779,223	1,011,294,132
Foreign origin.....	821	253,584,469	48,750	49,464,194	147,470,902	278,698,889

14.—Principal Statistics of Manufacturing Industries, Classified According to Origin of Material Used, by Main Groups, Significant Years 1924-47—concluded.

Year and Origin	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1944						
Farm origin.....	10,329	287,756	394,716,309	1,781,014,374	870,995,104	2,688,731,415
Mineral origin.....	4,479	634,542	1,208,779,764	2,258,796,792	2,312,260,844	4,708,104,244
Forest origin.....	10,347	186,680	278,171,969	495,531,476	541,521,976	1,082,160,284
Marine origin.....	535	9,664	10,327,695	45,906,542	22,066,801	68,882,879
Wild life origin.....	535	6,190	9,430,191	28,076,572	15,728,926	43,985,177
Mixed origin.....	2,258	98,050	128,195,442	223,007,600	253,202,359	481,828,520
Grand Totals, 1944.....	28,483	1,222,882	2,029,621,370	4,832,333,356	4,015,776,010	9,073,692,519
Farm Origin Group—						
From field crops.....	6,307	164,514	226,751,705	888,435,918	563,349,320	1,477,008,962
From animal husbandry.....	4,022	123,242	167,964,604	892,578,456	307,645,784	1,211,722,453
Totals, Farm Origin.....	10,329	287,756	394,716,309	1,781,014,374	870,995,104	2,688,731,415
Canadian origin.....	9,493	225,077	303,293,749	1,507,501,822	668,958,344	2,202,655,904
Foreign origin.....	836	62,679	91,422,560	273,512,552	202,036,760	486,075,511
1946						
Farm origin.....	10,535	302,250	443,471,006	1,876,803,842	991,765,819	2,907,395,097
Mineral origin.....	4,954	406,378	756,332,727	1,430,525,795	1,365,653,544	2,904,496,837
Forest origin.....	11,883	220,446	358,033,891	676,542,601	736,212,028	1,468,630,801
Marine origin.....	586	11,327	13,799,809	68,012,828	31,084,775	100,201,291
Wild life origin.....	617	7,915	12,988,638	40,421,050	22,078,566	62,748,055
Mixed origin.....	2,674	109,840	156,061,213	265,928,650	320,210,248	592,220,390
Grand Totals, 1946.....	31,249	1,058,156	1,710,687,254	4,358,234,766	3,467,004,980	8,035,692,471
Farm Origin Group—						
From field crops.....	6,326	169,300	251,545,508	992,329,370	653,371,968	1,671,793,471
From animal husbandry.....	4,209	132,950	191,925,498	884,474,472	338,393,851	1,235,601,626
Totals, Farm Origin.....	10,535	302,250	443,471,006	1,876,803,842	991,765,819	2,907,395,097
Canadian origin.....	9,638	240,961	348,446,141	1,631,721,715	781,589,463	2,442,421,842
Foreign origin.....	897	61,289	95,024,865	245,082,127	210,176,356	464,973,255
1947						
Farm origin.....	10,606	315,449	511,281,052	2,271,551,952	1,144,553,897	3,459,050,833
Mineral origin.....	5,177	437,711	915,689,435	1,981,439,776	1,751,607,057	3,868,575,214
Forest origin.....	12,878	244,608	450,708,391	891,446,938	977,644,628	1,936,345,399
Marine origin.....	594	12,043	15,860,682	62,780,333	41,081,688	105,272,682
Wild life origin.....	640	7,453	13,760,515	37,694,519	24,099,800	62,072,106
Mixed origin.....	2,839	114,486	178,625,891	289,366,501	353,068,732	649,710,346
Grand Totals, 1947.....	32,734	1,131,750	2,085,925,966	5,534,280,019	4,292,055,802	10,081,026,580
Farm Origin Group—						
From field crops.....	6,461	179,866	293,853,796	1,277,015,277	745,727,295	2,051,395,636
From animal husbandry.....	4,145	135,583	217,427,256	994,536,675	398,826,602	1,407,655,197
Total, Farm Origin.....	10,606	315,449	511,281,052	2,271,551,952	1,144,553,897	3,459,050,833
Canadian origin.....	9,685	248,016	396,710,099	1,927,186,101	895,498,610	2,855,814,563
Foreign origin.....	921	67,433	114,570,953	344,365,851	249,055,287	603,236,270

Subsection 5.—Manufactures Classified by Type of Ownership

The present study is the second on the type of ownership under which Canadian manufacturers operate. The figures for 1947 include those for the fish curing and packing industry which were not available for the 1946 study. For this reason the figures for the two years are not strictly comparable. However, the inclusion of this industry in 1946 would not have altered materially the percentage distribution of individual ownership, incorporated companies, etc.

Of the 32,734 establishments operating in 1947, 15,195 were under individual ownership, 5,280 were partnerships, 11,222 were incorporated companies and 1,037 were co-operatives. The percentage distribution of the four categories of ownership are given below for the years 1946 and 1947.

<i>Year</i>	<i>Individuals</i>	<i>Partnerships</i>	<i>Incorporated Companies</i>	<i>Co-operatives</i>
1946 (Estimated).....	47.3	16.0	33.4	3.3
1947.....	46.4	16.1	34.3	3.2

As is to be expected the smaller establishments, regardless of the type of products manufactured, are carried on under individual ownership. Industries carried on a small scale contain a large number of establishments in this category, the percentage decreasing as the scale of operations increase, as shown in the following statement.

<i>Group</i>	<i>Average Number of Employees per Establishment</i>	<i>Percentage of Individual Ownership Establishments to the Total</i>
Wood and paper products.....	19.1	57.8
Animal products.....	22.9	38.1
Vegetable products.....	23.9	59.0
Miscellaneous industries.....	29.4	32.2
Chemicals and allied products.....	37.3	21.0
Non-metallic mineral products.....	41.6	32.1
Textiles and textile products.....	54.7	26.3
Iron and its products.....	106.7	25.5
Non-ferrous metal products.....	120.0	21.5
ALL GROUPS.....	34.6	46.4

It is therefore found according to Table 15, that in the vegetable products group 59 p.c. of the establishments were in the above category. Wood and paper products had 58 p.c. of its establishments in this classification followed by animal products with 38 p.c., miscellaneous industries 32 p.c., non-metallic mineral products 32 p.c., textiles and textile products 26 p.c., iron and its products 26 p.c., non-ferrous metal products 22 p.c. and chemicals and allied products 21 p.c.

The establishments operating under individual ownership are not as important from the point of view of employment provided as their large numbers would indicate. According to the tables 15 and 16, these establishments which comprised 46 p.c. of the total only had 8 p.c. of the total employees. Partnership accounted for 16 p.c. of the number of establishments and 5 p.c. of the total employees. Incorporated companies with 34 p.c. of the number of establishments had 87 p.c. of the employees. Co-operatives with 3 p.c. of the number had 1 p.c. of the employees.

On the basis of employment provided, incorporated companies are by a very wide margin the most important factor in the employment field. In the chemicals and allied products group 97 p.c. of the employees were reported by such companies. Companies in the non-ferrous metals group had 97 p.c., iron and its products 96 p.c., non-metallic mineral products 93 p.c., miscellaneous industries 87 p.c., textiles 86 p.c., vegetable products 83 p.c., wood and paper products 79 p.c. and animal products 77 p.c. of the total employment.

15.—Percentage Distribution of Establishments in Manufacturing Industries, Classified by Type of Ownership, by Provinces and Industrial Groups, 1947.

Province or Group	Individual Ownership	Partnerships	Incorporated Companies	Co-opera- tives	Total
	p.c.	p.c.	p.c.	p.c.	p.c.
PROVINCE					
Prince Edward Island.....	56.5	14.2	21.2	8.1	100.0
Nova Scotia.....	57.3	16.7	23.8	2.2	100.0
New Brunswick.....	56.3	13.1	27.2	3.4	100.0
Quebec.....	51.8	13.8	29.5	4.9	100.0
Ontario.....	41.1	17.0	40.3	1.6	100.0
Manitoba.....	42.1	16.2	39.0	2.7	100.0
Saskatchewan.....	57.7	16.7	20.3	5.3	100.0
Alberta.....	49.4	19.1	27.0	4.5	100.0
British Columbia and Yukon.....	34.7	20.8	42.9	1.6	100.0
Totals.....	46.4	16.1	34.3	3.2	100.0
INDUSTRIAL GROUP					
Vegetable products.....	59.0	13.7	25.1	2.2	100.0
Animal products.....	38.1	13.1	30.0	18.8	100.0
Textiles and textile products.....	26.3	20.2	52.9	0.6	100.0
Wood and paper products.....	57.8	18.0	23.9	0.3	100.0
Iron and its products.....	25.5	15.8	58.3	0.4	100.0
Non-ferrous metal products.....	21.5	14.3	64.2	—	100.0
Non-metallic mineral products.....	32.1	16.1	51.6	0.2	100.0
Chemicals and allied products.....	21.1	8.6	70.0	0.3	100.0
Miscellaneous industries.....	32.2	17.2	50.6	—	100.0

16.—Percentage Distribution of Employment in the Manufacturing Industries, Classified by Type of Ownership, by Provinces and Industrial Groups, 1947.

Province or Group	Individual Ownership	Partnerships	Incorporated Companies	Co-opera- tives	Total
	p.c.	p.c.	p.c.	p.c.	p.c.
PROVINCE					
Prince Edward Island.....	28.2	10.7	53.3	7.8	100.0
Nova Scotia.....	14.4	5.4	78.8	1.4	100.0
New Brunswick.....	13.0	4.4	80.6	2.0	100.0
Quebec.....	9.0	4.8	85.2	1.0	100.0
Ontario.....	5.5	3.8	90.3	0.4	100.0
Manitoba.....	6.7	5.3	86.4	1.6	100.0
Saskatchewan.....	15.6	7.5	66.0	10.9	100.0
Alberta.....	12.2	9.2	75.9	2.7	100.0
British Columbia and Yukon.....	6.3	5.0	86.4	2.3	100.0
Totals.....	7.5	4.5	87.0	1.0	100.0
INDUSTRIAL GROUP					
Vegetable products.....	11.2	4.3	83.1	1.4	100.0
Animal products.....	10.2	5.8	76.8	7.2	100.0
Textiles and textile products.....	6.7	7.4	85.7	0.2	100.0
Wood and paper products.....	13.9	6.8	78.8	0.5	100.0
Iron and its products.....	2.2	1.5	96.0	0.3	100.0
Non-ferrous metal products.....	1.7	1.7	96.6	—	100.0
Non-metallic mineral products.....	4.1	3.2	82.7	0.0	100.0
Chemicals and allied products.....	2.0	1.0	96.8	0.2	100.0
Miscellaneous industries.....	7.5	5.3	87.2	—	100.0

17.—Percentage Distribution of Employment in the Forty Leading Industries, by Type of Ownership, 1947

Industry	Individual Ownership	Partnerships	Incorporated Companies	Co-operatives	Total
	p.c.	p.c.	p.c.	p.c.	p.c.
1 Pulp and paper.....	—	—	100-0	—	100-0
2 Slaughtering and meatpacking.....	1-5	1-9	93-0	3-6	100-0
3 Non-ferrous smelting and refining.....	—	—	100-0	—	100-0
4 Sawmills.....	32-4	13-4	53-9	0-3	100-0
5 Electrical apparatus and supplies.....	0-7	1-2	98-1	—	100-0
6 Automobiles.....	—	—	100-0	—	100-0
7 Flour and feed mills.....	16-8	9-3	70-9	3-0	100-0
8 Butter and cheese.....	15-1	5-3	55-7	23-9	100-0
9 Petroleum products.....	0-1	0-0	99-9	—	100-0
10 Primary iron and steel.....	—	—	100-0	—	100-0
11 Machinery.....	2-4	0-8	96-6	0-2	100-0
12 Rubber goods.....	0-2	0-3	99-5	—	100-0
13 Clothing, women's factory.....	13-6	14-6	71-8	—	100-0
14 Clothing, men's factory.....	8-1	12-0	79-9	—	100-0
15 Bread and other bakery products.....	32-9	9-3	57-3	0-5	100-0
16 Railway rolling-stock.....	—	—	100-0	—	100-0
17 Cotton yarn and cloth.....	0-1	0-2	99-7	—	100-0
18 Fruit and vegetable preparations.....	6-4	5-3	84-4	3-9	100-0
19 Automobile supplies.....	1-2	1-3	96-0	1-5	100-0
20 Sheet metal products.....	3-0	1-9	94-9	0-2	100-0
21 Hosiery and knitted goods.....	1-9	4-2	93-9	—	100-0
22 Miscellaneous food industries.....	7-4	3-1	89-5	—	100-0
23 Furniture.....	10-9	9-2	79-8	0-1	100-0
24 Printing and publishing.....	11-1	2-5	85-3	1-1	100-0
25 Feeds, stock and poultry.....	9-7	5-5	72-5	12-3	100-0
26 Breweries.....	—	—	100-0	—	100-0
27 Shipbuilding and repairs.....	0-6	0-3	99-1	—	100-0
28 Fish curing and packing.....	11-7	5-0	71-8	11-5	100-0
29 Boots and shoes, leather.....	8-8	3-8	87-4	—	100-0
30 Castings, iron.....	3-9	3-0	93-1	—	100-0
31 Planing mills, sash and door factories.....	22-4	10-5	66-9	0-2	100-0
32 Brass and copper products.....	4-9	2-7	92-4	—	100-0
33 Tobacco, cigars and cigarettes.....	3-4	0-5	96-1	—	100-0
34 Printing and bookbinding.....	17-9	9-2	71-3	1-6	100-0
35 Boxes and bags, paper.....	2-0	2-2	95-8	—	100-0
36 Agricultural implements.....	1-1	0-6	97-1	1-2	100-0
37 Synthetic textiles and silk.....	0-4	—	99-6	—	100-0
38 Sugar refineries.....	—	—	100-0	—	100-0
39 Paper goods, miscellaneous.....	3-4	2-0	94-6	—	100-0
40 Hardware, tools and cutlery.....	4-3	3-9	90-5	1-3	100-0

18.—Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Type of Ownership, 1947

Provinces and Groups	Estab-lish-ments	Em-ployees	Salaries and wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Canada						
Individual ownership.....	15,195	84,404	108,897,352	8,011,245	289,800,907	489,889,189
Partnerships.....	5,280	50,434	73,802,906	3,806,164	175,193,440	308,431,393
Incorporated companies.....	11,222	985,022	1,886,680,506	240,842,795	4,924,055,983	9,097,306,335
Co-operatives.....	1,037	11,890	16,545,202	2,030,555	145,229,689	185,399,663
Totals.....	32,734	1,131,750	2,085,925,966	254,690,759	5,534,280,019	10,081,026,580
Prince Edward Island						
Individual ownership.....	147	538	389,908	49,125	1,231,123	2,010,988
Partnerships.....	37	204	150,100	17,771	424,972	748,040
Incorporated companies.....	55	1,016	1,288,728	114,885	6,144,768	8,814,484
Co-operatives.....	21	148	109,731	12,005	809,469	1,079,939
Totals.....	260	1,906	1,938,467	193,766	8,610,332	12,653,451

18.—Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Type of Ownership, 1947—concluded

Provinces and Groups	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Nova Scotia						
Individual ownership.....	848	4,354	4,403,476	360,179	14,366,599	23,480,846
Partnerships.....	247	1,631	1,681,954	100,258	5,066,305	8,261,840
Incorporated companies.....	353	23,861	39,555,552	7,407,130	89,439,564	169,061,600
Co-operatives.....	32	439	472,054	62,128	2,481,753	3,415,147
Totals.....	1,480	30,285	46,113,036	7,929,695	111,354,221	204,219,433
New Brunswick						
Individual ownership.....	597	3,141	3,078,874	272,827	8,637,270	15,085,452
Partnerships.....	139	1,064	1,184,035	76,025	3,056,665	5,339,561
Incorporated companies.....	289	19,499	34,892,884	7,995,271	100,890,593	183,034,037
Co-operatives.....	36	477	427,600	42,888	3,906,915	4,907,388
Totals.....	1,061	24,181	39,583,393	8,387,011	116,491,443	208,366,438
Quebec						
Individual ownership.....	5,809	34,313	43,426,294	2,938,804	114,659,090	193,182,058
Partnerships.....	1,554	18,050	26,527,412	1,059,491	57,729,560	105,961,851
Incorporated companies.....	3,308	323,324	588,507,839	80,966,301	1,377,988,228	2,656,976,822
Co-operatives.....	552	3,762	4,375,069	631,296	50,878,962	60,928,691
Totals.....	11,223	379,449	662,837,614	91,595,892	1,601,055,840	3,017,049,422
Ontario						
Individual ownership.....	4,876	29,388	41,291,632	3,006,591	113,279,504	188,082,439
Partnerships.....	2,009	20,223	31,474,863	1,603,212	76,185,075	130,519,279
Incorporated companies.....	4,781	485,410	961,125,097	110,737,122	2,430,773,100	4,543,623,221
Co-operatives.....	194	2,560	4,085,122	413,844	31,459,894	41,247,587
Totals.....	11,860	537,581	1,037,976,714	115,760,769	2,651,697,573	4,903,472,526
Manitoba						
Individual ownership.....	595	2,638	3,213,005	248,118	10,899,087	17,021,197
Partnerships.....	229	2,077	2,923,495	183,777	9,015,277	14,320,518
Incorporated companies.....	551	34,035	61,837,347	6,281,943	211,001,684	343,591,498
Co-operatives.....	38	628	998,806	106,579	6,020,295	8,197,068
Totals.....	1,413	39,378	68,972,653	6,820,417	236,936,343	383,130,281
Saskatchewan						
Individual ownership.....	578	1,835	1,805,861	238,568	5,152,557	8,770,687
Partnerships.....	167	886	1,135,053	124,353	4,151,398	6,382,626
Incorporated companies.....	203	7,725	14,823,606	2,910,539	123,974,967	157,530,927
Co-operatives.....	53	1,277	1,897,450	249,198	18,170,099	23,767,959
Totals.....	1,001	11,723	19,661,970	3,522,658	151,449,021	196,452,199
Alberta						
Individual ownership.....	683	2,924	3,541,277	367,427	10,247,346	17,264,921
Partnerships.....	264	2,191	3,125,334	253,962	10,658,256	17,160,091
Incorporated companies.....	373	18,182	33,608,820	3,677,713	170,018,174	248,223,087
Co-operatives.....	62	664	970,740	141,166	11,400,260	13,406,030
Totals.....	1,382	23,941	41,246,171	4,440,268	202,324,036	296,054,129
British Columbia						
Individual ownership.....	1,052	5,250	7,715,521	522,665	11,273,191	24,873,664
Partnerships.....	633	4,105	5,596,310	386,979	8,902,294	19,728,587
Incorporated companies.....	1,306	71,871	150,763,206	14,630,642	413,193,150	785,232,487
Co-operatives.....	49	1,935	3,207,630	371,451	20,302,042	28,449,854
Totals.....	3,040	83,161	167,282,667	15,911,737	453,670,677	858,284,592
Yukon and Northwest Territories						
Individual ownership.....	10	23	31,504	6,941	55,140	116,937
Partnerships.....	1	122	281,777	121,605	635,393	1,227,172
Incorporated companies.....	3					
Totals.....	14	145	313,281	128,546	690,533	1,344,109

19.—Principal Statistics of the Manufacturing Industries of Canada and Industrial Groups, Classified by Type of Ownership, 1947

Industrial Group	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1. Vegetable Products—						
Individual ownership.....	3,560	16,194	19,701,672	2,969,742	78,657,488	118,339,117
Partnerships.....	824	6,233	8,370,545	1,004,815	37,894,867	55,870,485
Incorporated companies..	1,514	119,942	210,450,936	20,380,388	956,716,681	1,572,067,626
Co-operatives.....	134	1,921	2,631,055	317,294	29,458,329	36,061,853
Totals.....	6,032	144,290	241,154,208	24,672,239	1,102,727,365	1,782,339,081
2. Animal Products—						
Individual ownership.....	1,698	10,398	13,052,948	1,453,422	83,889,424	108,473,238
Partnerships.....	586	5,920	8,946,870	610,481	47,561,864	63,728,947
Incorporated companies..	1,339	78,396	134,793,067	9,781,312	687,899,796	952,858,699
Co-operatives.....	834	7,392	9,428,480	1,471,625	109,828,878	134,109,587
Totals.....	4,457	102,106	166,221,365	13,316,840	929,179,962	1,259,170,471
3. Textiles and Textile Products—						
Individual ownership.....	845	11,716	16,799,528	316,502	31,477,626	61,899,062
Partnerships.....	651	12,953	20,748,278	331,836	38,305,677	75,638,380
Incorporated companies..	1,700	150,935	229,861,154	11,708,915	489,075,286	921,325,454
Co-operatives.....	20	461	695,929	66,260	1,776,119	3,178,369
Totals.....	3,216	176,065	268,104,889	12,423,513	560,634,708	1,062,041,265
4. Wood and Paper Products—						
Individual ownership.....	7,512	34,593	40,949,417	2,178,578	77,046,841	151,654,427
Partnerships.....	2,335	16,964	22,175,552	1,051,423	38,117,849	77,444,215
Incorporated companies..	3,103	195,658	395,105,341	64,109,437	777,806,115	1,718,676,967
Co-operatives.....	35	1,235	2,141,048	91,470	2,146,236	6,522,738
Totals.....	12,985	248,450	460,371,358	67,430,908	895,117,041	1,954,298,347
5. Iron and Its Products—						
Individual ownership.....	630	5,684	9,806,092	471,175	8,179,679	24,070,472
Partnerships.....	391	3,868	6,715,467	279,673	5,114,265	15,580,321
Incorporated companies..	1,439	253,143	541,959,979	42,902,236	856,839,153	1,810,236,223
Co-operatives.....	9	787	1,486,963	76,409	1,832,198	5,028,546
Totals.....	2,469	263,482	559,968,501	43,729,493	871,965,295	1,854,915,562
6. Non-ferrous Metal Products—						
Individual ownership.....	172	1,652	2,697,835	130,201	2,413,953	6,645,884
Partnerships.....	114	1,618	2,581,323	96,205	3,489,541	7,789,404
Incorporated companies..	513	92,810	189,658,426	35,683,952	590,744,986	1,020,145,429
Totals.....	799	96,080	194,937,584	35,910,358	596,648,463	1,034,580,717
7. Non-Metallic Mineral Products—						
Individual ownership.....	303	1,617	2,309,898	305,642	2,203,240	6,383,451
Partnerships.....	152	1,263	2,066,673	319,495	1,961,557	5,945,484
Incorporated companies..	486	36,332	74,769,504	39,455,648	319,522,600	550,790,983
Co-operatives.....	2	84				
Totals.....	943	39,212	79,146,075	40,080,785	323,687,397	563,119,918
8. Chemicals and Allied Products—						
Individual ownership.....	217	770	1,170,226	73,016	3,662,149	6,089,580
Partnerships.....	89	371	570,510	39,323	937,642	2,084,635
Incorporated companies..	722	37,266	75,587,389	15,514,691	200,764,947	441,308,772
Co-operatives.....	3	84	151,594	5,425	176,407	476,805
Totals.....	1,031	38,491	77,479,719	15,632,455	205,541,145	419,959,792
9. Miscellaneous Industries—						
Individual ownership.....	258	1,780	2,409,736	112,967	2,270,507	6,333,958
Partnerships.....	138	1,244	1,627,688	72,913	1,810,178	4,349,522
Incorporated companies..	406	20,550	34,504,843	1,308,288	44,697,958	109,917,947
Totals.....	802	23,574	38,542,267	1,494,168	48,778,643	120,601,427

Subsection 6.—Leading Manufacturing Industries

In the following statement, the rank of the ten leading industries in 1947, from the standpoint of gross value of production, is compared with their respective ranks in significant years since 1922.

<i>Industry</i>	<i>Rank in—</i>							
	<i>1947</i>	<i>1946</i>	<i>1944</i>	<i>1939</i>	<i>1937</i>	<i>1933</i>	<i>1929</i>	<i>1922</i>
Pulp and paper.....	1	1	5	2	2	1	1	2
Slaughtering and meat packing.....	2	2	1	3	3	3	2	3
Non-ferrous metal smelting and refining.....	3	3	2	1	1	2	9	¹
Sawmills.....	4	4	11	8	7	14	5	4
Electrical apparatus and supplies.....	5	7	8	9	8	16	8	17
Automobiles.....	6	9	7	5	4	11	4	6
Flour and feed mills.....	7	5	12	7	5	4	3	1
Butter and cheese.....	8	6	10	4	6	5	6	5
Petroleum products.....	9	8	14	6	9	6	10	9
Primary iron and steel.....	10	13	13	11	12	31	16	20

¹ Did not rank among forty leading industries in 1922.

A prominent feature of Canadian manufacturing development during the past 20 years has been the rapid growth of non-ferrous metal smelting. This industry, based upon the rich base metal resources of the country, has now taken its place among the leading manufactures along with the industries based upon forest, agricultural and live-stock resources. The incidence of the depression resulted in a rearrangement in the ranking of many industries; in some cases this has proved to be temporary. Under the impetus of war production, the industries engaged in producing the equipment needed by the Armed Forces, such as shipbuilding, aircraft, automobiles, miscellaneous chemical products, and primary iron and steel, advanced to higher positions. With the end of the war in 1945, the industries engaged in the production of consumers goods, by reason of the heightened demand for their products, bettered their position. Pulp and paper after a lapse of a number of years resumed its premier position. A notable feature in 1947 was the advance of the primary iron and steel industry from thirteenth to tenth place, automobiles from ninth to sixth place, and electrical apparatus and supplies from seventh to fifth place. Women's factory clothing dropped from tenth to thirteenth place, flour and feed mills from fifth to seventh place, and butter and cheese from sixth to eighth place.

**20.—Principal Statistics of the Forty Leading Industries of Canada, Ranked
According to Gross Value of Products, 1946**

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1 Pulp and paper.....	113	44,967	101,364,636	223,448,338	258,164,578	527,814,916
2 Slaughtering and meat packing.....	147	22,536	40,313,025	408,033,456	64,868,839	475,953,154
3 Non-ferrous metal smelting and refining.....	15	14,546	30,648,361	212,865,030	69,565,922	304,718,524
4 Sawmills.....	6,001	49,352	63,811,260	156,107,527	129,408,392	287,910,057
5 Flour and feed mills.....	974	8,036	12,898,160	224,233,698	34,191,283	260,659,451
6 Butter and cheese.....	2,161	19,659	28,668,241	177,638,517	52,761,041	234,664,461
7 Electrical apparatus and supplies.....	266	43,998	74,510,479	101,939,272	129,968,926	234,572,653
8 Petroleum products.....	43	7,145	14,849,141	155,818,744	57,447,611	223,425,380
9 Automobiles.....	9	21,647	43,968,772	135,556,183	55,914,441	193,439,688
10 Clothing, women's factory.....	1,108	29,963	44,985,178	91,138,141	82,818,768	174,353,223
11 Railway rolling-stock.....	37	28,553	57,815,845	83,937,365	74,655,059	162,159,521
12 Rubber goods.....	60	22,055	37,813,363	62,135,578	93,451,248	159,408,113
13 Primary iron and steel.....	59	24,196	50,515,897	68,468,433	71,582,060	153,082,616
14 Clothing, men's factory.....	537	27,822	38,114,832	83,033,566	69,220,286	152,706,971
15 Bread and other bakery products.....	2,864	30,453	42,987,201	70,886,539	72,980,744	148,362,528
16 Machinery.....	299	27,003	50,246,824	50,760,795	93,031,472	145,638,248
17 Fruit and vegetable preparations.....	513	16,373	19,168,778	83,434,146	50,680,350	136,004,138
18 Sheet metal products.....	230	16,858	27,574,283	62,991,981	51,288,120	115,699,555
19 Miscellaneous foods, coffee, tea, etc.....	286	6,893	9,758,181	78,782,164	30,670,894	110,051,938
20 Cotton yarn and cloth.....	41	20,662	29,090,343	62,495,630	44,473,067	109,828,450
21 Breweries.....	61	8,644	17,743,749	23,416,499	84,270,490	109,299,587
22 Hosiery and knitted goods.....	247	24,941	30,210,507	47,270,879	56,681,420	105,208,699
23 Printing and publishing.....	775	21,462	39,846,308	24,578,088	78,689,074	104,305,064
24 Fish curing and packing.....	586	11,327	13,799,809	68,012,828	31,084,775	100,201,291
25 Boots and shoes, leather.....	294	22,334	29,023,596	52,340,814	43,612,607	96,435,251
26 Automobile supplies.....	124	15,348	27,808,618	43,519,483	48,250,348	93,428,899
27 Shipbuilding.....	79	20,246	40,975,731	25,915,348	64,535,796	91,851,460
28 Biscuits, confectionery, cocoa, etc.....	237	13,043	16,651,490	43,982,673	41,581,245	86,714,459
29 Feeds, stock and poultry.....	235	3,971	6,408,326	68,649,226	14,207,938	83,594,177
30 Castings, iron.....	219	16,925	31,381,935	27,446,850	52,484,740	82,278,070
31 Tobacco, cigars and cigarettes..	78	9,532	12,711,360	45,455,773	36,048,133	81,799,967
32 Planing mills, sash and door factories.....	1,078	14,012	19,628,779	47,501,520	31,424,769	79,920,764
33 Printing and bookbinding.....	1,406	19,376	30,219,639	29,038,267	48,873,014	78,647,105
34 Furniture.....	824	19,217	28,213,893	34,719,631	42,546,833	78,241,125
35 Boxes and bags, paper.....	160	11,975	16,476,657	41,169,182	32,759,600	74,500,862
36 Hardware, tools and cutlery.....	276	15,868	27,259,298	22,823,598	48,915,105	73,059,549
37 Brass and copper products.....	162	10,252	18,425,724	39,983,930	30,874,312	72,056,922
38 Distilleries.....	18	4,075	7,122,533	21,437,733	44,326,434	67,119,358
39 Medicinal and pharmaceutical preparations.....	201	7,670	12,832,173	23,163,222	43,446,027	67,049,834
40 Synthetic textiles and silk.....	36	13,100	18,890,121	24,099,473	39,550,662	65,521,067
Totals, Leading Industries.....	22,859	766,035	1,264,733,044	3,348,230,120	2,501,306,423	6,001,687,095
Totals, All Industries.....	31,249	1,058,156	1,740,687,254	4,358,234,766	3,467,004,980	8,035,692,471
Percentage of Leading Industries to All Industries.....	73.2	72.4	72.7	76.8	72.2	74.7
Primary Textiles ¹	735	84,030	112,999,701	213,024,628	206,218,026	627,940,062

¹ On a broader classification basis, the primary textile industry, which includes the production of cottons, woollens, synthetic textiles and silk, hosiery and knitted goods, and the dyeing and finishing of textiles, ranks first in number of employees, salaries and wages paid and gross value of production.

**21.—Principal Statistics of the Forty Leading Industries of Canada, Ranked
According to Gross Value of Products, 1947**

	Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
		No.	No.	\$	\$	\$	\$
1	Pulp and paper.....	115	49,946	129,477,995	295,444,332	356,084,900	706,971,628
2	Slaughtering and meat packing.....	151	21,726	44,611,145	406,694,207	77,054,061	486,916,554
3	Non-ferrous metal smelting and refining.....	16	17,449	40,767,871	308,267,931	115,798,652	453,033,942
4	Sawmills.....	6,481	55,425	83,360,452	208,543,819	190,514,978	402,133,298
5	Electrical apparatus and supplies.....	296	52,736	103,891,016	162,131,266	200,859,040	366,506,203
6	Automobiles.....	9	23,837	58,407,977	226,845,132	111,740,607	340,918,195
7	Flour and feed mills.....	961	8,285	14,832,059	280,674,476	41,020,372	324,152,457
8	Butter and cheese.....	2,037	20,757	32,405,745	238,667,589	66,025,020	309,727,758
9	Petroleum products.....	46	7,760	17,877,820	217,516,071	58,325,652	288,500,286
10	Primary iron and steel.....	58	26,933	60,285,368	104,532,334	92,879,888	216,275,618
11	Machinery.....	322	29,920	61,969,692	74,101,757	124,576,615	200,894,754
12	Rubber goods.....	60	23,475	46,613,893	82,934,625	110,673,007	196,307,734
13	Clothing, women's factory.....	1,169	30,969	50,357,121	92,713,574	91,158,213	184,305,430
14	Clothing, men's factory.....	566	29,817	45,486,784	98,082,593	84,575,371	183,166,033
15	Bread and other bakery products.....	2,942	31,501	47,896,265	80,084,523	80,476,461	165,749,588
16	Railway rolling-stock.....	37	28,526	61,754,235	73,076,408	82,389,093	159,283,149
17	Cotton yarn and cloth.....	45	24,089	35,444,413	99,599,159	55,460,989	158,272,431
18	Fruit and vegetable preparations.....	502	17,036	22,199,466	89,332,550	61,349,705	152,712,901
19	Automobile supplies.....	128	17,487	36,559,864	65,430,940	64,028,974	131,534,939
20	Sheet metal products.....	253	17,637	33,261,819	68,591,605	59,254,654	129,494,950
21	Hosiery and knitted goods.....	262	26,511	35,646,663	59,557,427	66,851,127	127,837,570
22	Miscellaneous food industries.....	303	7,005	11,153,337	94,412,054	32,332,238	127,439,940
23	Furniture.....	1,046	24,781	41,277,665	59,277,186	65,490,308	126,198,873
24	Printing and publishing.....	771	23,105	46,990,709	34,113,405	90,280,426	125,571,639
25	Feeds, stock and poultry.....	285	4,436	7,901,202	100,384,042	19,235,753	120,553,040
26	Breweries.....	61	9,378	21,067,092	25,871,001	86,800,811	114,546,810
27	Shipbuilding.....	74	21,119	46,457,707	37,263,603	71,213,925	110,131,129
28	Fish curing and packing.....	594	12,043	15,860,682	62,780,333	41,081,688	105,272,682
29	Boots and shoes, leather.....	295	21,433	30,039,570	57,444,765	46,201,865	104,147,182
30	Castings, iron.....	216	18,167	38,201,506	36,201,211	63,687,150	102,515,842
31	Planing mills, sash and door factories.....	1,246	15,874	24,261,579	57,184,102	39,071,060	97,499,464
32	Brass and copper products.....	161	10,417	21,227,616	60,387,706	34,585,129	96,549,840
33	Tobacco, cigars and cigarettes.....	75	9,371	14,032,054	48,785,199	43,185,902	92,278,522
34	Printing and bookbinding.....	1,460	20,374	35,305,718	33,596,332	57,432,081	91,860,368
35	Boxes and bags, paper.....	165	12,227	19,390,377	53,059,806	37,889,859	91,641,607
36	Agricultural implements.....	61	16,013	31,244,006	49,799,417	38,162,131	89,423,469
37	Synthetic textiles and silk.....	40	14,728	24,284,463	32,659,919	49,809,478	84,869,922
38	Sugar refineries.....	11	3,003	6,309,481	63,883,259	14,204,767	80,194,369
39	Paper goods, miscellaneous.....	196	8,327	14,009,906	45,510,706	33,921,609	80,106,905
40	Hardware, tools and cutlery.....	288	14,934	28,904,293	25,033,959	53,028,657	79,536,832
Totals, Leading Industries.....		23,804	828,557	1,541,026,626	4,310,470,323	3,108,722,216	7,605,042,853
Totals, All Industries.....		32,734	1,131,750	2,085,925,966	5,534,280,019	4,292,055,802	10,081,026,580
Percentage of Leading Industries to All Industries.....		72.7	73.2	73.9	77.9	72.4	75.4
Primary Textiles ¹		692	91,958	138,137,293	288,885,664	253,545,222	552,883,872

¹ On a broader classification basis, the primary textile industry, which includes the production of cottons, woollens, synthetic textiles and silk, hosiery and knitted goods, the dyeing and finishing of textiles, narrow fabrics and cordage rope and twine, ranks first in number of employees, first in salaries and wages paid and second in gross value of production.

Section 4.—Principal Factors in Manufacturing Production

The subjects treated under this Section include capital, employment, salaries and wages, size of establishments and power and fuel used in manufacturing.

Subsection 1.—Capital Employed

The remarkable increase in capital employed in Canadian manufactures from the beginning of the twentieth century has, of course, run parallel with the rapid growth in industrial operations. From 1900 to 1905 the capital increased from \$446,900,000 to \$833,900,000, and advanced to \$1,958,700,000 in 1915. During this period returns were received from establishments with 5 hands or over, and, while the rise in wholesale prices did not exceed 37 p.c., the capital employed in manufactures increased nearly 340 p.c.

The capital investment in 1943 in all establishments, irrespective of the number of employees, but exclusive of central electric stations, was \$6,317,000,000 as compared with \$2,234,000,000 in 1917, an increase of 171 p.c. while wholesale prices have declined about 13 p.c. in the same period.

Statistics on capital employed were discontinued in 1944.

22.—Percentage Distribution of Capital Employed in the Manufacturing Industries, by Provinces and Industrial Groups, Significant Years, 1917-43

Province or Group	1917	1920	1929	1933	1939	1941	1942	1943
	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
PROVINCE								
Prince Edward Island.....	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Nova Scotia.....	5.3	4.6	3.0	2.8	2.8	2.5	2.8	2.8
New Brunswick.....	2.6	3.5	2.3	2.7	2.5	2.0	1.9	1.8
Quebec.....	28.4	30.1	31.1	31.6	32.4	34.7	34.3	35.3
Ontario.....	49.6	50.1	49.6	48.4	48.3	47.6	48.0	47.4
Manitoba.....	3.6	3.2	3.0	3.1	3.3	3.3	3.2	2.8
Saskatchewan.....	1.0	0.8	1.1	1.2	1.0	1.0	0.8	0.9
Alberta.....	2.1	1.6	2.0	2.1	2.0	1.9	1.8	1.8
British Columbia and Yukon.....	7.3	6.0	7.8	8.0	7.6	6.9	7.1	7.1
Totals.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
INDUSTRIAL GROUP								
Vegetable products.....	12.0	12.7	14.5	15.9	14.8	12.9	12.0	10.8
Animal products.....	8.9	7.6	6.1	6.2	6.9	6.2	5.9	5.1
Textiles and textile products.....	8.2	10.4	9.0	9.1	9.5	9.0	8.4	7.2
Wood and paper products.....	23.0	26.5	28.8	27.2	26.4	22.1	19.7	17.5
Iron and its products.....	29.8	24.8	20.6	18.8	19.1	23.2	26.3	29.3
Non-ferrous metal products.....	3.0	3.7	7.5	8.1	9.5	11.1	11.2	10.7
Non-metallic mineral products.....	6.2	7.4	7.9	9.0	8.0	6.7	6.0	5.6
Chemicals and allied products.....	7.5	4.2	4.1	4.7	4.7	7.3	8.6	12.0
Miscellaneous industries.....	1.4	1.7	1.5	1.0	1.1	1.5	1.9	1.8

23.—Forms of Capital Employed in the Manufacturing Industries, by Provinces and Industrial Groups, 1943, with Totals for Significant Years, 1924-42

Year, Province or Group	Estab- lish- ments	Fixed Capital	Working Capital			Total Capital
		Land, Buildings, Fixtures, Machinery, Tools and Other Equipment	Inventory Value of Raw Materials, Stocks in Process, Fuel, and Mis- cellaneous Supplies on Hand	Inventory Value of Finished Products on Hand	Cash, Bills and Accounts Receivable, Prepaid Expenses, etc.	
	No.	\$	\$		\$	\$
Totals, 1924	20,709	1,717,122,081	658,360,445		519,834,982	2,895,317,508
Totals, 1926	21,301	1,905,620,436	707,412,136		595,037,625	3,208,071,197
Totals, 1929	22,216	2,356,913,335	867,689,319		780,289,355	4,004,892,009
Totals, 1932	23,102	2,218,729,234	597,939,060		563,807,215	3,380,475,509
Totals, 1933	23,786	2,151,091,557	573,587,617		554,580,664	3,279,259,838
Totals, 1934	24,209	2,109,729,523	598,110,478		541,508,863	3,249,348,864
Totals, 1935	24,034	2,080,221,792	610,814,942		525,366,393	3,216,403,127
Totals, 1936	24,202	2,061,610,260	651,771,457		557,881,814	3,271,263,531
Totals, 1937	24,834	2,126,929,809	757,322,293		580,975,729	3,465,227,831
Totals, 1938	25,200	2,149,402,173	739,226,808		597,054,037	3,485,683,018
Totals, 1939	24,805	2,168,887,084	784,543,558		693,593,807	3,647,024,449
Totals, 1940	25,513	2,266,087,512	992,988,598		836,640,726	4,095,716,836
Totals, 1941	26,293	2,523,213,656	929,051,356		1,075,128,992	4,905,503,966
Totals, 1942	27,862	2,740,826,451	1,092,063,176		1,251,589,816	5,488,785,545
PROVINCES, 1943						
Prince Edward Island	230	2,079,533	529,646	285,766	986,887	3,881,832
Nova Scotia	1,278	92,028,183	31,957,646	22,592,192	32,785,682	179,363,703
New Brunswick	862	60,286,741	18,375,637	5,740,960	26,884,572	111,287,910
Quebec	9,372	1,059,284,069	478,397,975	166,178,728	526,759,614	2,230,620,386
Ontario	10,587	1,381,616,267	674,091,828	232,683,256	706,562,637	2,994,953,988
Manitoba	1,245	94,296,011	27,185,310	22,564,358	29,706,828	173,752,507
Saskatchewan	976	30,041,247	10,377,381	7,319,282	12,936,183	60,674,093
Alberta	1,133	64,391,736	14,909,801	14,525,409	17,855,473	111,682,419
British Columbia	1,961	218,592,648	94,954,866	51,774,221	85,038,313	450,360,048
Yukon and Northwest terri- tories	8	286,901	46,929	109,352	146,659	589,841
Totals, 1943	27,652	3,002,903,336	1,350,827,019	523,773,524	1,439,662,848	6,317,166,721
INDUSTRIAL GROUPS, 1943						
Vegetable products	5,913	282,619,237	147,178,142	91,891,156	162,603,768	684,292,303
Animal products	4,380	141,661,687	51,918,182	52,120,456	79,111,538	324,811,863
Textiles and textile products	2,384	190,613,728	113,098,355	25,036,301	126,307,645	455,056,029
Wood and paper products	9,974	707,656,824	338,239,069	35,482,901	222,605,422	1,103,984,216
Iron and its products	2,044	737,776,577	559,488,023	133,009,303	422,232,149	1,852,506,052
Non-ferrous metal products	597	353,314,896	129,588,556	28,360,562	163,538,388	674,802,402
Non-metallic mineral products	747	223,248,695	46,362,712	31,345,015	50,207,832	351,164,254
Chemicals and allied products	945	332,751,244	126,483,598	122,764,226	177,865,883	759,864,951
Miscellaneous industries	668	33,260,448	38,470,382	3,763,604	35,190,223	110,684,655

Statistics on capital employed are not collected since 1944.

Subsection 2.—Employment in Manufactures

Monthly Record of Employment.—Ordinarily, manufacturing employment in Canada reaches its highest point during the summer months. Some of the seasonal industries, such as canning, are most active then, textile industries are preparing

winter goods, and industry generally feels the active demand of the agricultural purchasing power resulting from the prospect of the season's harvest. After the setback of 1929, employment in 1930, 1931, 1932 and the first half of 1933 declined steadily, the monthly employment figures in each case being lower than the corresponding month of the previous year. The peak of employment in June, 1929, when 575,693 wage-earners were on the payrolls, was surpassed in September, 1937, with 582,305 wage-earners. With the outbreak of war the improvement in employment became increasingly rapid. A new high record was attained in August, 1943, when 1,067,890 wage-earners were employed, an increase of 96.4 p.c. over the same month in 1939. The highest employment during 1944 was attained in June when 1,049,557 wage-earners were employed. From then on employment declined steadily to the end of 1945 when 819,619 wage-earners were reported. At the end of 1947 there were 922,037 wage-earners employed. This compares with an employment of 961,820 wage-earners in December 1944 and 1,021,630 wage-earners in December 1943.

24.—Wage-Earners Employed in the Manufacturing Industries of Canada, by Months and Sex, Significant Years, 1922-47

Month	1922	1929	1933	1939	1943	1945	1946	1947
ALL WAGE-EARNERS								
January.....	324,257	502,644	340,027	490,337	1,023,261	976,768	832,096	892,866
February.....	336,729	519,423	347,777	496,160	1,030,878	979,604	836,643	899,937
March.....	349,110	536,866	355,888	503,475	1,036,648	976,531	848,408	910,189
April.....	360,248	555,711	358,759	509,739	1,033,748	974,254	868,372	923,410
May.....	382,504	574,905	377,659	530,864	983,058	977,472	885,034	941,908
June.....	393,935	575,693	392,196	531,215	1,058,645	970,001	891,810	955,648
July.....	391,186	573,554	393,464	529,575	1,056,975	949,792	884,704	963,960
August.....	389,511	567,022	402,249	543,605	1,067,890	918,271	892,482	964,388
September.....	392,423	564,796	410,954	562,355	1,066,595	874,373	888,728	964,273
October.....	385,262	553,338	405,757	568,564	1,053,486	856,767	897,549	960,947
November.....	378,992	527,213	396,384	563,117	1,049,738	848,057	896,389	951,822
December.....	367,724	499,893	380,612	544,817	1,021,630	819,619	870,356	922,037
MALE								
January.....	243,682	397,459	257,445	381,997	751,269	708,008	620,965	679,070
February.....	253,178	410,865	260,728	385,955	755,181	709,563	626,494	685,089
March.....	263,849	426,713	267,259	391,623	757,702	708,642	638,334	694,601
April.....	274,821	443,560	271,348	398,982	755,888	709,043	659,570	708,473
May.....	294,095	459,783	285,705	416,963	764,158	714,926	673,775	726,363
June.....	304,395	460,294	296,937	417,975	776,003	714,892	680,475	738,774
July.....	304,020	459,051	300,329	417,987	779,687	704,868	676,153	746,759
August.....	301,234	449,721	302,969	421,895	777,733	677,102	674,051	743,904
September.....	298,918	441,510	304,908	431,509	767,043	638,286	666,246	736,544
October.....	291,973	432,576	301,315	437,220	754,484	627,566	675,564	732,925
November.....	286,511	412,114	294,945	432,920	753,211	622,762	675,335	726,380
December.....	277,854	391,903	285,690	422,538	738,073	609,085	661,336	708,963
FEMALE								
January.....	80,575	105,185	82,582	108,340	271,992	268,760	211,131	213,796
February.....	83,551	108,558	87,049	110,205	275,697	270,041	210,149	214,848
March.....	85,261	110,153	88,629	111,852	278,946	267,889	210,074	215,588
April.....	85,427	112,142	87,411	110,757	277,860	265,211	208,802	214,937
May.....	88,409	115,122	91,954	113,901	218,900	262,546	211,259	215,545
June.....	89,540	115,399	95,259	113,270	282,642	255,109	211,335	216,874
July.....	87,166	114,503	93,135	111,588	277,288	244,924	208,551	217,201
August.....	88,277	117,301	99,280	121,710	290,157	241,169	218,431	220,484
September.....	93,505	123,286	106,046	130,846	299,552	236,087	222,482	227,729
October.....	93,289	120,762	104,442	131,344	299,002	229,201	221,985	228,022
November.....	92,481	115,099	101,439	130,197	296,527	225,295	221,054	225,442
December.....	89,870	107,990	94,922	122,279	283,557	210,584	209,020	213,074

25.—Wage-Earners Employed in the Manufacturing Industries of Canada, by Months, Sex and Industrial Groups, Significant years, 1939-47

Month	1939	1943	1944	1945	1946	1947
ALL WAGE-EARNERS						
	No.	No.	No.	No.	No.	No.
Vegetable Products—						
January.....	72,227	88,815	94,906	106,312	107,223	113,792
February.....	72,523	88,751	94,491	106,689	105,624	112,153
March.....	72,628	87,572	94,295	105,689	104,356	111,444
April.....	70,208	84,963	93,241	102,802	104,620	110,413
May.....	72,149	85,453	93,456	102,050	105,401	110,973
June.....	73,802	88,331	98,263	104,312	109,344	115,975
July.....	77,014	92,931	104,672	110,972	108,280	124,378
August.....	84,280	97,129	113,317	114,055	116,243	127,773
September.....	91,088	105,571	118,217	122,440	124,938	137,541
October.....	85,045	99,664	109,229	114,894	122,381	127,997
November.....	81,842	98,343	106,480	112,179	119,297	122,126
December.....	78,562	95,217	100,550	106,596	114,754	116,872
MALE						
	No.	No.	No.	No.	No.	No.
January.....	51,640	56,463	57,565	67,158	71,228	77,602
February.....	51,850	55,923	57,681	67,213	70,938	77,005
March.....	52,025	55,284	57,546	67,297	70,824	77,027
April.....	50,789	53,980	57,135	65,340	72,079	76,826
May.....	52,030	53,978	57,447	65,386	72,878	77,904
June.....	52,914	55,746	60,547	67,193	75,148	80,210
July.....	54,918	59,338	65,054	72,255	73,620	85,465
August.....	57,429	59,507	67,701	71,900	75,283	86,475
September.....	60,212	62,582	69,216	75,256	79,465	90,035
October.....	58,112	60,013	65,165	73,003	80,456	84,941
November.....	56,459	59,734	64,433	72,516	80,136	81,698
December.....	55,801	58,996	62,177	70,526	78,456	79,773
FEMALE						
	No.	No.	No.	No.	No.	No.
January.....	20,587	32,352	37,341	39,154	35,995	36,190
February.....	20,673	32,828	36,810	39,476	34,686	35,148
March.....	20,603	32,288	36,749	38,392	33,532	34,417
April.....	19,419	30,983	36,106	37,462	32,541	33,587
May.....	20,119	31,475	36,009	36,664	32,523	33,069
June.....	20,888	32,585	37,716	37,119	34,196	35,765
July.....	22,096	33,593	39,618	38,717	34,660	38,913
August.....	26,851	37,622	45,616	42,155	40,960	41,298
September.....	30,876	42,980	49,001	47,184	45,473	47,506
October.....	26,933	39,651	44,064	41,891	41,925	43,056
November.....	25,383	38,609	42,047	39,663	39,161	40,428
December.....	22,761	36,221	38,373	36,070	36,298	37,099
ALL WAGE-EARNERS						
	No.	No.	No.	No.	No.	No.
Animal Products—						
January.....	46,552	64,230	69,914	74,414	76,559	77,212
February.....	47,397	63,045	69,985	72,341	74,844	75,620
March.....	48,315	63,110	70,424	71,214	76,106	76,128
April.....	49,837	65,476	73,208	74,208	79,322	79,745
May.....	56,042	72,128	81,078	81,700	87,500	87,190
June.....	57,373	74,922	84,206	84,061	90,570	88,864
July.....	56,297	75,456	83,373	84,226	92,144	90,159
August.....	57,854	75,396	82,637	85,462	93,850	89,635
September.....	57,273	73,092	79,741	84,363	89,222	79,871
October.....	57,487	72,503	78,862	84,290	89,404	86,444
November.....	56,041	73,231	78,833	84,323	86,050	86,585
December.....	53,612	70,204	74,795	80,534	79,117	79,933

25.—Wage-Earners Employed in the Manufacturing Industries of Canada, by Months Sex and Industrial Groups, Significant years, 1939-47—continued

Month	1939	1943	1944	1945	1946	1947
MALE						
Animal Products—concluded	No.	No.	No.	No.	No.	No.
January.....	36,619	45,583	48,978	52,025	54,859	55,955
February.....	37,016	44,526	48,696	50,431	53,635	54,842
March.....	37,603	44,636	48,939	49,435	54,397	54,861
April.....	39,013	45,880	51,146	51,264	56,893	57,758
May.....	42,924	49,297	55,645	55,122	61,557	62,128
June.....	44,279	51,707	57,994	56,979	64,102	63,710
July.....	44,208	52,344	57,973	57,817	65,907	65,013
August.....	44,735	51,944	56,976	58,732	67,071	64,484
September.....	44,406	50,126	54,861	58,575	68,679	57,172
October.....	44,687	50,338	54,530	59,231	64,427	62,434
November.....	43,514	51,146	54,863	59,682	62,088	63,590
December.....	41,804	49,680	52,414	57,345	57,221	59,034
FEMALE						
	No.	No.	No.	No.	No.	No.
January.....	9,933	18,647	20,936	22,389	21,700	21,257
February.....	10,381	18,519	21,289	21,907	21,239	20,778
March.....	10,712	18,474	21,485	21,779	21,709	21,267
April.....	10,824	19,596	22,062	22,944	22,519	21,987
May.....	13,118	22,831	25,433	26,578	25,943	25,062
June.....	13,094	23,215	26,212	27,082	26,468	25,154
July.....	12,089	23,092	25,500	26,409	26,237	25,146
August.....	13,119	23,452	25,661	26,760	26,779	25,151
September.....	12,867	22,966	24,880	25,788	25,543	22,699
October.....	12,800	22,165	24,332	25,059	24,977	24,010
November.....	12,527	22,085	23,970	24,641	23,962	23,085
December.....	11,808	20,524	22,381	23,189	21,896	20,899
ALL WAGE-EARNERS						
	No.	No.	No.	No.	No.	No.
Textiles and Textile Products—						
January.....	101,076	144,056	136,781	139,484	145,127	154,058
February.....	103,029	145,172	138,149	141,057	147,082	156,914
March.....	103,866	144,843	139,038	140,399	148,172	158,254
April.....	103,897	142,711	137,925	138,938	146,673	157,323
May.....	102,709	140,722	134,938	138,203	145,321	155,016
June.....	100,820	137,693	133,870	137,339	138,801	151,760
July.....	99,111	135,611	130,803	133,668	137,397	150,883
August.....	104,650	136,223	132,820	136,430	142,038	152,862
September.....	110,995	135,779	133,882	139,026	145,453	155,413
October.....	116,843	136,026	135,907	141,880	148,269	158,790
November.....	118,357	136,280	136,772	143,241	149,046	158,619
December.....	113,534	131,955	132,095	137,083	143,758	153,220
MALE						
	No.	No.	No.	No.	No.	No.
January.....	46,808	55,089	52,221	52,841	58,181	65,296
February.....	47,187	55,381	52,377	52,953	59,276	66,050
March.....	47,064	54,880	52,520	52,456	59,779	66,476
April.....	47,254	53,966	51,968	51,737	59,222	65,821
May.....	46,486	52,894	50,707	51,192	58,908	65,070
June.....	46,175	51,969	50,603	51,408	55,529	63,703
July.....	46,427	52,132	50,294	51,163	56,292	64,285
August.....	48,191	51,802	50,890	52,326	57,874	64,986
September.....	50,581	50,968	50,238	52,884	59,589	64,815
October.....	53,271	50,766	50,586	54,224	60,440	65,724
November.....	54,238	51,115	51,346	55,546	61,189	65,451
December.....	52,585	50,613	50,271	54,636	60,067	63,561
FEMALE						
	No.	No.	No.	No.	No.	No.
January.....	54,268	88,967	84,560	86,643	86,946	88,762
February.....	55,842	89,791	85,772	88,104	87,806	90,864
March.....	56,802	89,963	86,518	87,943	88,393	91,778
April.....	56,643	88,745	85,957	87,201	87,451	91,502
May.....	56,223	87,918	84,231	87,011	86,413	89,946
June.....	54,645	85,724	83,267	85,931	83,272	88,057
July.....	52,684	83,479	80,509	82,505	81,105	86,598
August.....	56,459	84,421	81,930	84,104	84,164	87,876
September.....	60,414	84,811	83,644	86,142	85,864	90,598
October.....	63,572	85,260	85,321	87,656	87,829	93,066
November.....	64,119	85,165	85,426	87,695	87,857	93,168
December.....	60,949	81,342	81,824	82,447	83,691	89,659

25.—Wage-Earners Employed in the Manufacturing Industries of Canada, by Months, Sex and Industrial Groups, Significant years, 1939-47—continued

Month	1939	1943	1944	1945	1946	1947
-------	------	------	------	------	------	------

ALL WAGE-EARNERS						
Wood and Paper Products—	No.	No.	No.	No.	No.	No.
January.....	101,221	132,845	138,391	143,210	158,357	181,207
February.....	103,805	135,215	140,810	145,741	161,529	184,154
March.....	106,757	138,312	144,717	150,336	167,434	188,912
April.....	110,567	142,710	151,126	158,265	179,375	196,078
May.....	121,258	151,726	160,170	167,009	184,970	206,459
June.....	124,554	160,770	166,686	172,179	190,171	214,524
July.....	122,651	159,833	164,257	169,589	194,281	214,571
August.....	119,523	156,357	160,559	166,125	192,531	210,956
September.....	117,354	151,248	154,531	161,588	187,612	206,801
October.....	114,956	144,924	148,935	158,752	182,319	199,587
November.....	110,940	142,064	145,286	156,601	177,447	194,293
December.....	106,464	136,427	139,146	151,233	171,421	188,029

MALE						
	No.	No.	No.	No.	No.	No.
January.....	91,377	112,781	114,274	119,553	135,417	157,692
February.....	94,226	114,613	116,635	121,854	138,844	160,601
March.....	97,098	117,383	120,723	126,291	144,875	165,577
April.....	100,799	121,542	127,166	134,200	157,015	172,830
May.....	111,261	129,921	136,001	142,586	162,574	182,805
June.....	114,583	137,683	141,723	147,066	167,029	190,274
July.....	112,515	136,527	139,515	144,592	170,970	190,438
August.....	109,461	132,299	136,162	141,304	169,066	187,151
September.....	106,914	126,776	130,142	137,086	164,143	182,811
October.....	104,083	119,586	124,124	134,060	158,185	175,438
November.....	99,853	116,579	120,261	131,747	152,959	169,756
December.....	95,868	112,009	115,626	127,976	148,402	164,519

FEMALE						
	No.	No.	No.	No.	No.	No.
January.....	9,844	20,064	24,117	23,657	22,940	23,515
February.....	9,579	20,602	24,175	23,887	22,685	23,553
March.....	9,659	20,929	23,994	24,045	22,559	23,335
April.....	9,768	21,168	23,960	24,065	22,360	23,248
May.....	9,997	21,805	24,169	24,423	22,396	23,654
June.....	9,971	23,087	24,903	24,113	23,142	24,250
July.....	10,136	23,306	24,742	24,997	23,311	24,133
August.....	10,062	24,058	24,397	24,821	23,465	23,805
September.....	10,440	24,472	24,389	24,502	23,469	23,990
October.....	10,873	25,338	24,811	24,692	24,134	24,149
November.....	11,087	25,485	25,025	24,854	24,488	24,537
December.....	10,596	24,418	23,520	23,237	23,019	23,510

ALL WAGE-EARNERS						
Iron and Its Products—	No.	No.	No.	No.	No.	No.
January.....	98,065	378,921	379,693	324,842	208,853	213,546
February.....	98,488	384,395	377,166	325,121	209,321	216,214
March.....	99,436	387,422	373,294	320,772	212,428	219,321
April.....	100,915	383,878	365,508	313,880	215,402	223,074
May.....	101,371	382,665	362,671	310,611	217,148	224,715
June.....	96,412	384,779	363,396	304,749	216,887	226,122
July.....	95,796	381,523	363,195	291,504	208,671	225,928
August.....	97,313	390,439	358,976	264,386	204,285	225,275
September.....	103,938	388,714	347,286	223,167	202,128	226,302
October.....	111,553	387,643	341,705	214,196	212,541	228,143
November.....	113,202	386,855	334,982	209,954	212,690	229,272
December.....	112,685	377,611	325,960	205,152	211,334	216,344

25.—Wage-Earners Employed in the Manufacturing Industries of Canada, by Months,
Sex and Industrial Groups, Significant years, 1939-47—continued

Month	1939	1943	1944	1945	1946	1947
-------	------	------	------	------	------	------

MALE						
	No.	No.	No.	No.	No.	No.
Iron and Its Products—concluded						
January.....	94,216	329,818	323,708	285,712	197,539	202,654
February.....	94,648	333,626	322,124	235,909	198,054	205,206
March.....	95,599	334,848	319,403	282,172	201,130	208,173
April.....	97,100	331,494	313,241	276,822	204,004	211,864
May.....	97,542	329,913	311,151	274,873	205,597	213,713
June.....	92,755	331,301	312,314	271,455	205,301	215,016
July.....	92,201	332,078	311,915	262,232	197,443	215,085
August.....	93,646	335,245	308,201	241,037	193,266	214,596
September.....	99,732	331,387	299,531	207,643	191,097	215,498
October.....	106,943	329,088	296,236	200,310	201,285	217,235
November.....	108,771	328,647	292,096	196,990	201,186	218,318
December.....	108,350	321,977	287,041	193,141	200,130	215,659
FEMALE						
	No.	No.	No.	No.	No.	No.
January.....	3,849	49,103	55,985	39,130	11,314	10,892
February.....	3,840	50,769	55,042	39,212	11,267	11,008
March.....	3,837	52,574	53,891	38,600	11,298	11,143
April.....	3,815	52,384	52,267	37,058	11,398	11,210
May.....	3,829	52,752	51,520	35,738	11,551	11,002
June.....	3,657	53,478	51,082	33,294	11,586	11,106
July.....	3,595	49,445	51,280	29,272	11,228	10,843
August.....	3,667	55,194	50,775	23,349	11,019	10,679
September.....	4,206	57,327	47,755	15,524	11,031	10,804
October.....	4,610	58,555	45,469	13,886	11,256	10,908
November.....	4,431	58,208	42,886	12,964	11,504	10,954
December.....	4,335	55,634	38,919	12,011	11,204	10,685
ALL WAGE-EARNERS						
	No.	No.	No.	No.	No.	No.
Non-ferrous Metal Products—						
January.....	33,086	91,024	92,521	78,929	65,485	75,465
February.....	32,850	91,689	91,467	78,640	66,708	76,318
March.....	33,194	91,801	90,427	77,792	66,622	76,992
April.....	33,361	91,409	89,527	77,513	68,279	76,683
May.....	33,874	91,795	88,192	74,871	68,698	76,745
June.....	34,427	91,742	89,037	72,560	68,777	77,059
July.....	34,830	92,836	87,367	70,462	67,308	76,950
August.....	35,261	93,463	85,868	67,261	67,554	77,249
September.....	36,485	94,225	83,821	64,208	64,179	78,759
October.....	37,442	94,785	84,046	64,528	65,546	79,628
November.....	38,012	94,928	83,731	64,933	73,710	80,430
December.....	37,534	94,308	80,292	64,355	73,773	79,647
MALE						
	No.	No.	No.	No.	No.	No.
January.....	28,946	68,718	65,959	55,837	49,088	58,578
February.....	28,722	69,222	64,743	55,844	50,272	59,195
March.....	28,973	68,991	63,535	55,402	50,325	59,703
April.....	29,133	68,203	62,841	54,873	51,894	59,629
May.....	29,448	68,203	61,703	53,468	52,320	59,952
June.....	29,662	67,857	62,243	52,308	52,385	60,466
July.....	29,870	68,172	61,358	51,017	51,304	60,879
August.....	30,227	68,025	60,496	48,896	51,382	61,126
September.....	31,101	67,679	58,672	47,363	48,857	62,235
October.....	31,816	67,371	58,603	47,700	50,077	62,876
November.....	32,262	68,068	58,558	47,952	56,334	63,512
December.....	32,111	67,317	56,724	48,015	56,658	63,471

25.—Wage-Earners Employed in the Manufacturing Industries of Canada, by Months, Sex and Industrial Groups, Significant years, 1939-47—continued

Month	1939	1943	1944	1945	1946	1947
FEMALE						
Non-ferrous Metal Products—concl.	No.	No.	No.	No.	No.	No.
January.....	4,140	22,306	26,562	23,092	16,397	16,887
February.....	4,128	22,467	26,724	22,796	16,436	17,123
March.....	4,221	22,810	26,892	22,390	16,297	17,289
April.....	4,228	23,206	26,686	22,640	16,385	17,054
May.....	4,426	23,592	26,489	21,403	16,378	16,793
June.....	4,765	23,885	26,794	20,252	16,392	16,593
July.....	4,960	24,664	26,009	19,445	16,004	16,071
August.....	5,134	25,438	25,372	18,365	16,172	16,123
September.....	5,384	26,546	25,149	16,845	15,322	16,524
October.....	5,626	27,414	25,443	16,828	15,469	16,762
November.....	5,750	26,860	25,173	16,981	17,376	16,918
December.....	5,423	26,991	23,568	16,340	17,115	16,176
ALL WAGES-EARNERS						
Non-metallic Mineral Products—	No.	No.	No.	No.	No.	No.
January.....	15,780	25,144	25,814	25,317	27,949	30,984
February.....	15,563	24,722	25,902	25,718	28,195	31,609
March.....	16,128	24,867	25,965	25,984	29,056	32,036
April.....	17,276	25,184	26,075	26,391	30,320	32,881
May.....	19,265	25,278	26,494	26,749	31,440	33,854
June.....	20,294	25,943	26,946	27,327	32,170	34,375
July.....	20,602	26,538	27,004	27,644	32,026	34,581
August.....	20,584	26,348	26,581	27,748	31,374	34,255
September.....	20,228	25,881	26,025	27,432	30,729	33,314
October.....	19,586	25,660	25,947	28,002	31,527	33,515
November.....	18,968	25,933	25,897	28,099	31,915	33,438
December.....	17,648	25,601	25,257	27,319	31,168	32,607
MALE						
	No.	No.	No.	No.	No.	No.
January.....	15,241	22,571	22,705	22,237	25,401	28,817
February.....	15,050	22,176	22,679	22,569	25,530	29,385
March.....	15,590	22,214	22,737	22,726	26,362	29,834
April.....	16,731	22,435	22,837	23,087	27,611	30,628
May.....	18,584	22,507	23,278	23,410	28,714	31,679
June.....	19,560	23,057	23,615	23,992	29,486	32,203
July.....	19,900	23,501	23,685	24,330	29,378	32,464
August.....	19,852	23,229	23,280	24,503	28,911	32,068
September.....	19,494	22,716	22,515	24,301	28,413	31,306
October.....	18,900	22,605	22,744	24,966	29,172	31,456
November.....	18,339	22,779	22,721	25,145	29,397	31,283
December.....	17,010	22,494	22,160	24,511	28,761	30,565
FEMALE						
	No.	No.	No.	No.	No.	No.
January.....	539	2,573	3,109	3,089	2,548	2,167
February.....	513	2,546	3,223	3,149	2,665	2,224
March.....	538	2,653	3,228	3,258	2,694	2,202
April.....	545	2,749	3,238	3,304	2,709	2,253
May.....	681	2,771	3,216	3,339	2,726	2,175
June.....	734	2,886	3,331	3,335	2,684	2,172
July.....	702	3,037	3,319	3,314	2,648	2,117
August.....	732	3,119	3,301	3,245	2,463	2,187
September.....	734	3,165	3,210	3,131	2,316	2,008
October.....	686	3,055	3,203	3,036	2,355	2,059
November.....	647	3,154	3,176	2,954	2,518	2,155
December.....	638	3,107	3,097	2,808	2,407	2,042

25.—Wage-Earners Employed in the Manufacturing Industries of Canada, by Months, Sex and Industrial Groups, Significant years, 1939-47—continued

Month	1939	1943	1944	1945	1946	1947
-------	------	------	------	------	------	------

ALL WAGE-EARNERS						
Chemicals and Allied Products—	No.	No.	No.	No.	No.	No.
January.....	13,724	79,461	68,780	64,693	26,290	26,955
February.....	13,760	78,983	67,533	64,571	26,741	27,350
March.....	14,039	79,239	67,121	64,487	27,190	27,562
April.....	14,459	78,434	65,810	62,405	27,332	27,745
May.....	14,794	77,073	66,140	55,439	27,342	27,839
June.....	14,094	74,645	66,835	47,282	27,387	27,876
July.....	14,017	72,935	67,406	42,074	27,041	27,754
August.....	14,383	72,657	68,193	37,146	27,045	27,693
September.....	15,145	72,294	67,334	33,486	26,759	27,550
October.....	15,694	72,564	67,356	31,922	27,415	27,715
November.....	15,837	72,439	67,385	30,281	27,821	27,653
December.....	15,504	70,880	64,623	29,347	27,462	27,256

MALE						
	No.	No.	No.	No.	No.	No.
January.....	10,706	48,836	42,006	41,008	19,112	21,026
February.....	10,767	48,246	41,217	41,098	19,591	21,375
March.....	10,971	47,927	40,901	41,173	20,063	21,576
April.....	11,358	46,967	40,016	40,039	20,307	21,726
May.....	11,659	46,060	40,177	37,179	20,368	21,842
June.....	10,943	44,776	41,000	32,511	20,327	21,866
July.....	10,953	43,878	41,362	29,634	20,044	21,922
August.....	11,145	43,705	41,540	26,416	20,013	21,873
September.....	11,788	43,166	40,529	23,743	19,718	21,566
October.....	12,131	43,207	40,697	22,870	20,177	21,658
November.....	12,249	43,722	41,428	21,806	20,491	21,646
December.....	12,187	43,567	41,203	21,564	20,455	21,551

FEMALE						
	No.	No.	No.	No.	No.	No.
January.....	3,018	30,625	26,774	23,685	7,178	5,929
February.....	2,993	30,737	26,316	23,473	7,150	5,975
March.....	3,068	31,312	26,220	23,314	7,127	5,986
April.....	3,101	31,467	25,794	22,366	7,025	6,019
May.....	3,135	31,013	25,963	19,250	6,974	5,997
June.....	3,151	29,869	25,835	14,771	7,060	6,010
July.....	3,064	29,057	26,044	12,440	6,997	5,832
August.....	3,238	28,952	26,653	10,730	7,032	5,820
September.....	3,357	29,128	26,795	9,743	7,041	5,984
October.....	3,563	29,357	26,659	9,052	7,238	6,057
November.....	3,588	28,717	25,957	8,475	7,330	6,007
December.....	3,317	27,313	23,420	7,783	7,007	5,705

ALL WAGE-EARNERS						
Miscellaneous Industries—	No.	No.	No.	No.	No.	No.
January.....	8,606	18,762	19,266	19,567	16,253	19,647
February.....	8,745	18,906	19,448	19,726	16,599	19,605
March.....	9,112	18,982	19,539	19,858	17,044	19,540
April.....	9,219	18,983	19,680	19,852	17,049	19,468
May.....	9,402	19,218	19,807	19,840	17,214	19,117
June.....	9,469	19,820	20,318	20,192	17,703	19,093
July.....	9,257	19,332	19,734	19,653	17,556	18,756
August.....	9,657	19,878	19,735	19,658	17,562	18,690
September.....	9,849	19,791	19,128	18,663	17,708	18,722
October.....	9,958	19,717	19,353	18,303	18,147	19,128
November.....	9,000	19,765	19,574	18,446	18,413	19,406
December.....	9,274	19,427	19,102	18,000	17,569	18,129

25.—Wage-Earners Employed in the Manufacturing Industries of Canada, by Months, Sex and Industrial Groups, Significant years, 1939-47—concluded

Month	1939	1943	1944	1945	1946	1947
MALE						
	No.	No.	No.	No.	No.	No.
Miscellaneous Industries—concluded						
January.....	6,444	11,410	11,348	11,637	10,140	11,450
February.....	6,489	11,468	11,495	11,689	10,354	11,430
March.....	6,700	11,539	11,457	11,690	10,579	11,374
April.....	6,805	11,421	11,563	11,681	10,635	11,391
May.....	7,029	11,475	11,637	11,710	10,859	11,270
June.....	7,104	11,907	12,087	11,980	11,168	11,326
July.....	6,995	11,717	11,883	11,828	11,195	11,208
August.....	7,209	11,977	11,889	12,018	11,185	11,145
September.....	7,281	11,643	11,333	11,435	11,285	11,106
October.....	7,277	11,510	11,399	11,202	11,345	11,163
November.....	7,235	11,521	11,473	11,378	11,555	11,216
December.....	6,822	11,420	11,374	11,321	11,186	10,830
FEMALE						
	No.	No.	No.	No.	No.	No.
January.....	2,162	7,352	7,918	7,930	6,113	8,197
February.....	2,256	7,438	7,953	8,037	6,245	8,175
March.....	2,412	7,443	8,082	8,168	6,465	8,166
April.....	2,414	7,562	8,117	8,171	6,414	8,077
May.....	2,373	7,743	8,170	8,130	6,355	7,847
June.....	2,365	7,913	8,231	8,212	6,535	7,767
July.....	2,262	7,615	7,851	7,825	6,361	7,548
August.....	2,448	7,901	7,846	7,640	6,377	7,545
September.....	2,568	8,148	7,795	7,223	6,423	7,616
October.....	2,681	8,207	7,954	7,101	6,802	7,965
November.....	2,665	8,244	8,101	7,063	6,858	8,190
December.....	2,452	8,007	7,728	6,679	6,383	7,299

Hours Worked by Wage-Earners.—From 1932, the first year for which figures on hours worked per week by wage-earners are available, to 1945, each firm was required to report the number of hours worked by all its wage-earners during the month in which the greatest number had been employed, the only exception being the years 1938 and 1939 when one week in a month of normal employment was reported. In 1938 the number of hours worked per week were compiled by sex, and a change was also made in the analysis of the weekly hours worked. Since 1940 the hours worked per week include overtime while prior to that overtime was excluded. These changes make it impossible to measure accurately the changes in the number of hours worked per week. In any case, the figures in Table 26 do not refer to any particular month, since the month of highest employment might be May for one firm and October for another; they represent the summation of the different months of highest employment as reported by all firms. For a given industry, however, the month of highest employment is more significant as in this case it coincides for a great number of firms engaged in the same industry.

For all wage-earners, the hours worked per week declined from 48.9 in 1932 to 47.2 in 1939, and reached 50.6 in 1941, some of the increase no doubt being due to the inclusion of overtime. Since then there was a counter movement in the hours worked, especially among females, due to the employment of many workers on a part-time basis. Whereas in 1939 there were only 2.8 p.c. of male and 5.3 p.c. of female wage-earners working under 30 hours per week, in 1944 these percentages rose to 5.3 and 12.5 respectively. Since the end of the war the normal working week has been dropping steadily. In 1945 average hours per week for male wage-earners totalled 47.6 and for females 42.7.

The method of collecting statistics on hours worked was changed for 1946. Instead of collecting this information for one week in the month of highest employment which varied from plant to plant, the last week in November was chosen for the base period. The question on hours worked was taken out of the annual schedules used in connection with the census of manufactures and this information is now collected by the Employment Statistics Branch. Establishments employing 15 hands or over only are covered. The statistics for 1946 and 1947 are therefore not exactly comparable with those for earlier years which include all establishments, both large and small. In 1947 average hours worked per week totalled 43.7, 44.9 for males and 39.7 for females.

26.—Wage-Earners in Manufacturing, Working Specified Numbers of Hours¹ per Week in the Month of Highest Employment, 1938-45

NOTE.—Hours worked per week in 1932-37 are given at p. 386 of the 1942 edition of the Canada Year Book; in 1940 at p. 392 of the 1943-44 edition.

Hours Worked per Week	1938	1939	1942	1943	1944	1945
ALL WAGE-EARNERS						
	No.	No.	No.	No.	No.	No.
30 or less.....	24,073	19,849	48,714	74,406	87,817	79,398
31-43.....	99,125	85,597	98,200	128,755	151,280	174,378
44.....	83,763	81,128	88,049	88,964	112,840	130,536
45-47.....	66,268	64,031	80,613	100,861	108,585	116,431
48.....	121,625	130,506	244,899	248,083	245,024	230,175
49-50.....	62,294	65,822	105,434	115,606	116,473	105,331
51-54.....	39,596	46,165	147,229	151,231	128,580	99,411
55.....	20,575	24,316	63,702	62,701	51,965	34,748
56-64.....	60,755	61,067	193,297	176,730	140,295	81,517
65 or over.....	8,755	8,478	73,590	60,665	46,046	33,571
Totals, Wage-Earners.....	586,829	586,959	1,143,727	1,208,002	1,188,905	1,076,496
Average Hours per Week.....	46.7	47.2	50.2	48.8	47.5	46.2
MALE						
	No.	No.	No.	No.	No.	No.
30 or less.....	15,439	12,868	30,166	39,985	45,414	41,111
31-43.....	75,842	64,780	59,146	68,530	83,293	100,446
44.....	59,983	57,667	58,342	53,563	76,141	89,623
45-47.....	47,877	45,703	47,403	62,701	67,306	75,391
48.....	97,287	103,636	182,783	185,913	182,798	175,116
49-50.....	45,981	48,378	70,870	75,975	80,878	77,019
51-54.....	33,744	37,439	106,657	114,739	100,621	72,781
55.....	16,493	19,766	48,996	49,194	42,214	28,910
56-64.....	56,171	56,837	171,775	158,657	128,751	74,043
65 or over.....	8,224	8,036	67,776	56,837	42,618	31,311
Totals, Male Wage-Earners.....	457,041	455,110	843,914	866,094	850,034	765,751
Average Hours per Week.....	47.3	48.1	51.3	50.4	49.1	47.6
FEMALE						
	No.	No.	No.	No.	No.	No.
30 or less.....	8,634	6,981	18,548	34,421	42,403	38,287
31-43.....	23,283	20,817	39,054	60,225	67,987	73,932
44.....	23,780	23,461	29,707	35,401	36,699	40,913
45-47.....	18,391	18,328	33,210	38,160	41,279	41,040
48.....	24,338	26,870	62,116	62,170	62,226	55,059
49-50.....	16,313	17,444	34,564	39,631	35,595	28,312
51-54.....	5,852	8,726	40,572	36,492	27,959	17,630
55.....	4,082	4,550	14,706	13,507	9,751	5,838
56-64.....	4,584	4,230	21,522	18,073	11,544	7,474
65 or over.....	531	442	5,814	3,828	3,428	2,260
Totals, Female Wage-Earners.....	129,788	131,849	299,813	341,908	338,871	310,745
Average Hours per Week.....	44.6	45.2	46.9	44.8	43.6	42.7

¹ For 1938 and 1939, the hours worked do not include overtime, while for 1940 to 1945 overtime is included.

27.—Wage-Earners in Manufacturing Working Specified Numbers of Hours During the Last Week in November, 1946 and 1947¹

Hours Worked per Week	1946			1947		
	All Wage-Earners	Male	Female	All Wage-Earners	Male	Female
	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
30 or less.....	6.7	4.7	13.1	6.7	4.6	13.7
31-34.....	10.8	8.0	19.7	2.9	2.1	5.5
35-39.....	9.9	9.6	10.8	7.8	6.1	13.6
40.....	11.5	10.6	14.6	12.2	11.9	13.4
41-43.....	10.3	10.7	8.9	10.6	9.2	15.0
44.....	18.2	18.8	16.1	8.5	8.7	7.8
45-47.....	13.7	15.8	7.1	18.7	19.7	15.9
48.....	6.6	7.1	5.0	12.9	15.0	5.7
49-50.....	5.4	6.3	2.5	6.5	7.0	4.9
51-53.....	6.0	7.3	2.1	4.3	4.9	2.0
54.....	0.9	1.1	0.1	1.3	1.6	0.5
55-64.....				6.5	7.8	1.9
65 or over.....				1.1	1.4	0.1
	100.0	100.0	100.0	100.0	100.0	100.0
Average Hours Per Week	43.7	44.9	40.0	43.7	44.9	39.7

1. Includes only establishments employing 15 hands or over.

Subsection 3.—Salaries and Wages in Manufacturing Industries

In 1947, the 32,734 establishments covered, employed 191,100 salaried employees and 940,650 wage-earners, a total of 1,131,750 persons. Out of every 1,000 persons employed in manufacturing 169 were classed as salary earners and 831 as wage-earners; the former earned 23 p.c. and the latter 77 p.c. of the total amount paid out as remuneration for services.

A notable feature during the past few years was the reduction in the disparity between average annual salaries and wages. Whereas in 1939 average annual wages were only 56 p.c. of average annual salaries, in 1943 the percentage rose to 76 and declined to 69 in 1947. This tendency towards equalization was, in part, due to the controls adopted by the Government during the war years which tended to stabilize salaries more so than wages. The increase in average wages was also influenced by the fact that large numbers of wage-earners were employed in the highly paid iron and steel industries and by the increase in number of hours worked, some of it at overtime pay.

Ontario has a larger proportion of females among its salaried employees than the other provinces. The same situation prevails in Quebec with regard to wage-earners, due, no doubt, to the textile industries of the Province. The importance of the textile industries in providing employment to females is strikingly illustrated by the fact that of all female wage-earners engaged in the manufacturing industries of Canada in 1947, 41 p.c. were found in the textile group.

The average salary in 1947 amounted to \$2,484 which was \$738 or 42.3 p.c. higher than in 1939. Salaried employees in Ontario with \$2,581 were the highest paid. Those in Quebec were second with \$2,517, British Columbia third with \$2,403, and Manitoba fourth with \$2,319. The fact that head offices of many large corporations are located in Montreal, Toronto, Winnipeg and Vancouver tends to raise the average salaries in the provinces in which these cities are located.

28.—Salaries and Wages Paid in Manufacturing Industries by Provinces and Industrial Groups, 1947, with Totals for Significant Years, 1917-46

Year	Salaries				Wages			
	Salaried Employees		Total Salaries	Average Salaries	Wage-Earners		Total Wages	Average Wages
	Male	Female			Male	Female		
	No.	No.	\$	\$	No.	No.	\$	\$
1917.....		64,918	85,353,667	1,315		541,605	412,448,177	762
1920.....		78,334	141,837,361	1,811		520,559	575,656,515	1,106
1922.....		71,586	129,836,831	1,814		384,670	359,560,399	935
1924.....	54,379	15,641	130,344,822	1,857	322,719	94,871	404,122,853	968
1926 ¹	58,245	17,092	142,353,900	1,890	374,244	109,580	483,328,342	999
1929 ¹	67,731	21,110	175,553,710	1,976	454,768	122,922	601,737,507	1,042
1930 ¹	64,161	20,550	169,992,216	2,007	416,790	113,195	527,563,162	995
1931 ²	71,198	20,293	172,289,095	1,883	337,636	99,513	415,277,895	950
1932.....	68,264	18,786	151,355,790	1,739	288,817	92,966	322,245,926	844
1933.....	67,875	18,761	139,317,946	1,608	287,266	94,756	296,929,878	777
1934.....	71,963	20,132	148,760,126	1,615	326,598	101,119	355,090,929	830
1935.....	76,213	21,717	160,455,080	1,638	353,790	104,944	399,012,697	870
1936.....	81,409	23,008	173,198,057	1,659	379,977	109,965	438,873,377	896
1937.....	91,092	24,735	195,983,475	1,692	427,285	117,339	525,743,562	965
1938.....	95,270	25,319	207,386,381	1,719	409,172	112,255	498,282,208	956
1939.....	98,165	26,607	217,839,334	1,746	415,488	117,854	519,971,819	975
1940.....	104,267	31,493	241,599,761	1,780	491,439	135,045	679,273,104	1,084
1941.....	117,251	41,693	286,336,861	1,801	626,825	175,409	978,525,782	1,220
1942.....	123,125	54,062	334,870,793	1,890	732,319	242,585	1,347,934,049	1,383
1943.....	128,679	64,516	388,857,505	2,013	762,854	285,019	1,598,434,879	1,525
1944.....	126,858	65,700	418,065,594	2,171	744,635	285,689	1,611,555,776	1,564
1945.....	128,601	62,106	417,857,619	2,191	680,620	248,045	1,427,915,830	1,538
1946.....	127,002	54,004	410,875,776	2,270	662,699	214,451	1,329,811,478	1,516
PROVINCES, 1947								
Prince Edward Island.....	369	105	541,115	1,142	1,004	428	1,397,352	976
Nova Scotia.....	3,327	922	8,085,301	1,881	22,220	3,816	38,027,735	1,461
New Brunswick.....	2,522	870	6,939,126	2,046	17,170	3,619	32,644,267	1,570
Quebec.....	44,088	16,485	152,455,062	2,517	229,196	89,680	510,382,552	1,601
Ontario.....	63,890	30,533	243,676,598	2,581	342,988	100,170	794,300,116	1,792
Manitoba.....	4,963	1,792	15,666,055	2,319	24,826	7,797	53,306,598	1,634
Saskatchewan.....	2,157	755	5,182,667	1,780	7,642	1,169	14,479,303	1,643
Alberta.....	3,486	1,121	9,200,133	1,997	16,203	3,131	32,046,038	1,657
British Columbia.....	10,422	3,267	32,890,569	2,403	60,046	9,426	134,392,098	1,934
Yukon and Northwest Territories.....	24	2	57,174	2,199	112	7	256,107	2,152
Totals, 1947 ³	135,248	55,852	474,693,800	2,484	721,407	219,243	1,611,232,166	1,713
INDUSTRIAL GROUP, 1947								
Vegetable products.....	17,579	7,236	58,172,514	2,344	81,381	38,094	182,981,694	1,532
Animal products.....	13,546	5,014	40,338,266	2,173	60,415	23,131	125,883,099	1,507
Textiles and textile products.....	12,830	7,838	59,753,126	2,891	65,190	90,207	208,351,763	1,341
Wood and paper products.....	35,721	11,865	105,528,311	2,218	176,695	24,169	354,843,047	1,767
Iron and its products.....	28,681	10,982	107,947,338	2,728	212,845	10,974	452,021,163	2,020
Non-ferrous metal products	12,518	5,904	48,460,547	2,631	60,983	16,675	146,477,037	1,886
Non-metallic mineral products.....	4,618	1,440	15,533,838	2,564	31,002	2,152	63,612,237	1,919
Chemicals and allied products.....	6,956	3,965	28,231,140	2,585	21,627	5,943	49,248,579	1,786
Miscellaneous industries...	2,799	1,608	10,728,720	2,434	11,269	7,898	27,813,547	1,451

¹ The averages of wage-earners and earnings for the years 1931 to 1945 are strictly comparable with those for the years up to 1925 but not with those for the intervening years. The figures for the latest years—as for the earliest—represent the earnings for complete man-years of work, with no allowance for periods of unemployment. The difference amounts only to about 3 or 4 p.c. in the total figures and affects chiefly the seasonal industries.

² The increase in the number of salaried employees in 1931 is due to the following changes in method: (1) Prior to 1931 working proprietors, such as bakers, sawmill operators, small clothing manufacturers, etc., were required to report themselves as wage-earners. In 1931 and subsequent years, however, all such proprietors reported themselves as salaried employees. (2) In 1931 travelling salesmen who were attached to the plant, and devoted all or the greater part of their time to selling the products of that plant, were included with salaried employees. Prior to this they were not reported at all.

³ For statistics of annual earnings of wage-earners by sex, see tables 33 and 34.

29.—Salaries and Wages Paid in the Forty Leading Industries, 1947, with Comparative Figures of Average Salaries and Wages Paid in 1946

NOTE.—Industries ranked according to the aggregate salaries and wages paid.

Industry	Salaries					Wages				
	Salaried Employees		Total Salaries	Average Salaries		Wage-Earners		Total Wages	Average Wages	
	Male	Female		1947	1946	Male	Female		1947	1946
	No.	No.	\$	\$	\$	No.	No.	\$	\$	\$
1 Pulp and paper.....	5,859	1,847	26,286,577	3,411	3,033	41,413	827	103,191,418	2,443	2,113
2 Electrical apparatus and supplies.....	7,353	3,790	28,320,997	2,542	2,267	28,481	13,112	75,570,019	1,817	1,523
3 Sawmills.....	8,902	607	10,539,042	1,089	974	45,181	735	72,821,410	1,586	1,360
4 Machinery.....	4,559	2,132	16,839,459	2,517	2,316	21,993	1,236	45,130,233	1,943	1,725
5 Railway rolling-stock.....	1,835	242	5,837,522	2,811	2,616	26,352	97	55,916,713	2,114	1,979
6 Primary iron and steel.....	2,110	819	8,689,952	2,967	2,820	23,740	264	51,595,416	2,149	1,998
7 Automobiles.....	2,431	1,033	10,789,150	3,115	2,827	20,169	204	47,618,827	2,337	1,887
8 Clothing, women's factory.....	2,861	1,927	14,004,323	2,925	2,681	6,182	19,999	36,352,798	1,389	1,285
9 Bread and other bakery products.....	3,616	1,180	8,467,792	1,766	1,686	19,700	7,005	39,428,473	1,476	1,360
10 Printing and publishing.....	6,885	3,666	22,195,830	2,104	1,950	10,587	1,967	24,794,879	1,975	1,775
11 Rubber goods, incl. rubber footwear.....	2,683	1,227	9,547,021	2,442	2,289	14,386	5,179	37,066,872	1,895	1,567
12 Shipbuilding and repairs.....	1,491	472	5,300,800	2,700	2,656	19,015	141	41,156,907	2,149	1,957
13 Clothing, men's factory.....	2,477	1,391	11,469,048	2,965	2,687	7,869	18,080	34,017,736	1,311	1,159
14 Slaughtering and meat-packing.....	3,281	1,138	11,898,489	2,693	2,283	14,157	3,150	32,712,656	1,890	1,675
15 Furniture.....	2,642	853	8,380,174	2,398	2,112	19,306	1,980	32,897,491	1,545	1,365
16 Non-ferrous metal smelting and refining.....	2,073	465	7,690,271	3,030	2,805	14,845	66	33,077,600	2,218	1,980
17 Castings, iron.....	1,378	579	5,353,451	2,736	2,465	15,851	359	32,848,055	2,026	1,779
18 Automobile supplies.....	1,789	772	7,330,408	2,862	2,513	12,553	2,373	29,229,456	1,958	1,681
19 Hosiery and knitted goods.....	1,467	1,118	7,053,604	2,729	2,457	7,932	15,994	28,593,059	1,195	1,080
20 Cotton yarn and cloth.....	801	532	3,860,818	2,896	2,609	13,981	8,775	31,583,595	1,388	1,325
21 Printing and book-binding.....	3,163	1,458	10,558,665	2,285	2,088	10,578	5,175	24,747,053	1,571	1,400
22 Sheet metal products.....	2,137	863	7,621,012	2,540	2,256	12,444	2,193	25,640,807	1,752	1,520
23 Butter and cheese.....	4,178	1,681	8,517,435	1,454	1,363	13,681	1,217	23,888,310	1,603	1,494
24 Agricultural implements.....	1,733	592	5,261,562	2,263	2,345	13,418	270	25,982,444	1,898	1,735
25 Boots and shoes, leather.....	1,635	694	6,078,374	2,610	2,343	10,706	8,398	23,961,196	1,254	1,166
26 Hardware, tools and cutlery.....	1,545	883	6,257,896	2,577	2,416	10,474	2,032	22,646,397	1,811	1,588
27 Synthetic textiles and silk.....	1,049	578	4,719,413	2,901	2,712	8,451	4,650	19,565,050	1,493	1,291
28 Planing mills, sash and door factories.....	2,248	470	5,113,433	1,881	1,709	12,960	196	19,148,146	1,455	1,338
29 Fruit and vegetable preparations.....	1,623	819	5,060,028	2,072	1,877	7,730	6,864	17,139,438	1,174	1,061
30 Aircraft.....	2,006	630	7,271,163	2,758	2,470	6,483	255	14,150,897	2,100	2,015
31 Brass and copper products.....	1,187	550	4,889,387	2,815	2,604	7,685	995	16,338,229	1,882	1,630
32 Breweries.....	1,318	325	5,416,756	3,297	3,145	7,503	232	15,650,336	2,023	1,814
33 Boxes and bags, paper.....	1,048	630	4,701,112	2,853	2,580	5,580	4,999	14,689,265	1,389	1,188
34 Petroleum products.....	1,208	253	4,279,073	2,929	2,704	6,229	70	13,598,747	2,159	1,937
35 Bridge and structural steel.....	1,222	311	5,834,229	3,806	3,003	5,618	27	10,298,362	1,824	1,858
36 Woollen cloth.....	602	349	2,832,397	2,978	2,698	5,231	4,007	13,085,051	1,416	1,243
37 Fish curing and packing.....	1,256	315	2,828,306	1,800	1,543	7,389	3,083	13,032,376	1,244	1,173
38 Heating and cooking apparatus.....	783	359	2,811,977	2,462	2,359	6,483	228	12,086,411	1,801	1,556
39 Flour and feed mills.....	1,649	443	4,222,743	2,019	1,769	5,945	248	10,609,316	1,713	1,545
40 Tobacco, cigars and cigarettes.....	732	452	3,001,343	2,535	2,360	2,809	5,378	11,030,711	1,347	1,185
Totals, Forty Leading Industries...	98,815	38,415	337,131,032	2,457	2,236	551,090	152,060	1,232,892,155	1,753	1,548
Grand Totals, All Industries.....	135,248	55,852	474,693,800	2,484	2,270	721,407	219,243	1,611,232,166	1,713	1,516

¹ Average salaries and wages paid in the forty leading industries in 1946; the list of leading industries in that year was not quite the same as the list for 1947.

The average wage in 1947 amounted to \$1,713 which was \$738 or 75·7 p.c. higher than in 1939. The manufacturing industries of British Columbia paid the highest average wage of \$1,934, followed by Ontario with \$1,792, Alberta \$1,657, Saskatchewan \$1,643, Manitoba \$1,634, Quebec \$1,601, etc. The high figures shown for Yukon and Northwest Territories in regard to average wages are due to the unusual conditions under which industry is carried on in these regions and are not representative. Statistics of the distribution of employees by provinces and groups as well as average annual earnings are given in Table 28.

Average Annual Earnings in the Forty Leading Industries.—In only five industries, bridge and structural steel, pulp and paper, breweries, automobiles, and non-ferrous metal smelting and refining, were average salaries above \$3,000 in 1947. In fifteen others they ranged between \$2,700 and \$3,000. These industries, in descending order, were: woollen cloth, primary iron and steel, men's factory clothing, petroleum products, women's factory clothing, synthetic textiles and silk, cotton yarn and cloth, automobile supplies, boxes and bags, paper, brass and copper products, railway rolling-stock, aircraft, iron castings, hosiery and knitted goods, and shipbuilding and repairs. In fifteen others they ranged between \$2,000 and \$2,700, while in the remaining five they were below \$2,000. The sawmill and butter and cheese industries with \$1,089 and \$1,454, respectively, paid the lowest salaries.

Wages, above \$2,000, were paid in ten industries, in all of which the proportion of skilled workers is high and the proportion of female workers is low. The pulp and paper industry with \$2,443 was the highest in this group, followed by automobiles with \$2,337, non-ferrous metal smelting and refining \$2,218, petroleum products \$2,159, primary iron and steel \$2,149, shipbuilding and repairs \$2,149, railway rolling-stock \$2,114, aircraft \$2,100, iron castings \$2,026 and breweries \$2,023. In seventeen other industries average wages ranged between \$1,500 and \$2,000, while in the remaining thirteen they were below \$1,500. This latter group includes industries made up of a large number of small establishments and in which the proportion of female workers is high. Women's factory clothing, bread and other bakery products, men's factory clothing, hosiery and knitted goods, leather boots and shoes, fruit and vegetable preparations, and paper boxes and bags are some of the industries included in this group. Employment by sex and average annual earnings in the forty leading industries is given in Table 29.

Average Annual, Weekly and Hourly Earnings.—In comparing earnings by provinces or groups, consideration should be given to the type of industries in each case since the distribution of industries has a very definite regional significance. In some industries a labour force possessing deftness and speed or the ability to exercise muscular strength is necessary, in others the labour force must exercise craftsmanship or possess a high degree of technical knowledge. Workers in the latter industries naturally command relatively higher wages than those employed in industries whose employees are routine workers.

The ranking of provinces and industries as regards annual earnings is in many cases different to that of weekly or hourly earnings since the factors of number of weeks worked per year and number of hours worked per week enter into the picture. So that, while in general the same observations apply, a close study of the differences between the averages shown in Tables 28 and 29 and will be of value.

The figures for the years 1934 to 1945 given in Tables 30 to 34 are based on an analysis of a pay-list covering one week in the month of highest employment. For this reason the figures do not refer to any particular month, since the month of highest employment might be May for one firm and October for another; they represent the summation of the different months of highest employment as reported by all the firms. For a particular industry, however, the month of highest employment is more significant as in such case it coincides for a great number of firms engaged in the same industry. The figures for 1946 and 1947 are based on returns received from establishments employing 15 hands or over and refer to the last week in the month of November.

Average weekly earnings of male wage-earners for manufacturing as a whole amounted to \$41.35 in 1947, an increase of \$19.12 or 86.0 p.c. as compared with 1939. Average hourly earnings advanced from 46.2 cents in 1939 to 92.1 cents in 1947, an increase of 99.4 p.c. Annual earnings at \$1,909 were 77.4 p.c. higher.

Female wage-earners received on an average \$23.11 per week in 1947, an increase of \$10.33 or 80.8 p.c. Hourly earnings at 58.2 cents were 105.6 p.c. higher, while annual earnings at \$1,067 were 72.4 p.c. higher.

30.—Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners, Employed in Manufacturing Industries, 1934-47

NOTE.—Butter and cheese factories and fish curing and packing plants are excluded in the years 1938 to 1945, while sawmills are also excluded in 1945. By including sawmills, weekly earnings in 1945 would have been about \$34.35 for male wage-earners.

Year	Average Earnings			Hours Worked per Week
	Annual	Weekly	Hourly	
	\$	\$	\$	No.
ALL WAGE-EARNERS				
1934.....	830	18.30	0.372	49.2
1935.....	870	18.50	0.380	48.7
1936.....	896	18.96	0.389	48.7
1937.....	965	²	²	48.8
1938.....	956	19.49	0.417	46.7
1939.....	975	20.14	0.427	47.2
1940.....	1,084	22.35	0.446	50.1
1941.....	1,220	24.95	0.494	50.5
1942.....	1,383	28.18	0.561	50.2
1943.....	1,525	29.87	0.612	48.8
1944.....	1,564	31.05	0.654	47.5
1945.....	1,538	30.98	0.669	46.3
1946 ³	1,516	32.38	0.741	43.7
1947 ³	1,713	37.19	0.851	43.7
MALE				
1934.....	930	20.31	0.407	49.91
1935.....	966	20.41	0.413	49.41
1936.....	995	20.92	0.423	49.41
1937.....	²	²	²	²
1938.....	1,055	21.49	0.454	47.3
1939.....	1,076	22.23	0.462	48.1
1940.....	1,202	24.83	0.488	50.9
1941.....	1,355	27.72	0.538	51.5
1942.....	1,558	31.75	0.619	51.3
1943.....	1,726	33.80	0.671	50.4
1944.....	1,761	34.95	0.712	49.1
1945.....	1,739	35.04	0.736	47.6
1946 ³	1,702	36.23	0.807	44.9
1947 ³	1,909	41.35	0.921	44.9

For footnotes, see end of table, p. 64.

30.—Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners, Employed in Manufacturing Industries, 1934-47—concluded

Year	Average Earnings			Hours Worked per week
	Annual	Weekly	Hourly	No.
	\$	\$	\$	
FEMALE				
1934.....	539	11.80	0.251	46.91
1935.....	570	12.04	0.259	46.51
1936.....	577	12.20	0.262	46.51
1937.....	2 594	2 12.10	2 0.271	2 44.6
1938.....	619	12.78	0.283	45.2
1939.....	655	13.52	0.286	47.3
1940.....	736	15.05	0.316	47.6
1941.....	854	17.41	0.371	46.9
1942.....	987	19.33	0.431	44.8
1943.....	1,051	20.89	0.479	43.6
1944.....	984	19.84	0.465	42.7
1945.....	943	20.08	0.502	40.0
1946 ³	1,067	23.11	0.582	39.7
1947 ³				

¹ Estimated on the basis of hours worked by female wage-earners in 1938 and 1939 as compared with those worked by male wage-earners in those years. ² Not available. ³ Based on weekly earnings and hours worked in the last week of November by establishments employing 15 hands or over.

31.—Average Annual, Weekly and Hourly Earnings of All Wage-Earners in the Manufacturing Industries of Canada, by Provinces, 1938-47

Province	Annual	Weekly	Hourly	Hours Worked per week
	\$	\$	cents	No.
Prince Edward Island—				
1938.....	484	8.49	16.2	52.7
1939.....	506	11.59	23.3	49.6
1940.....	553	13.67	26.0	52.1
1941.....	559	15.19	29.5	51.3
1942.....	613	15.04	30.9	51.5
1943.....	817	23.14	32.0	55.3
1944.....	952	23.63	43.6	53.0
1945.....	884	25.34	50.1	50.6
1946.....	911	21.51	46.2	46.3
1947.....	976	24.75	54.6	45.3
Nova Scotia—				
1938.....	853	16.31	32.4	50.2
1939.....	869	17.80	34.9	50.9
1940.....	960	19.01	36.3	52.4
1941.....	1,076	22.53	42.6	52.7
1942.....	1,295	26.84	49.0	52.6
1943.....	1,456	29.80	57.5	51.5
1944.....	1,570	31.84	64.1	49.5
1945.....	1,519	31.85	67.1	47.3
1946.....	1,398	31.44	68.8	45.7
1947.....	1,461	34.58	75.5	45.8
New Brunswick—				
1938.....	818	15.20	30.6	49.3
1939.....	827	17.11	34.2	49.9
1940.....	955	19.40	37.1	52.1
1941.....	1,021	21.30	39.7	53.3
1942.....	1,129	22.56	43.1	52.1
1943.....	1,241	24.35	47.2	51.1
1944.....	1,330	26.78	53.1	50.0
1945.....	1,362	27.59	57.0	48.9
1946.....	1,390	30.54	66.4	46.0
1947.....	1,570	33.55	73.9	45.4

31.—Average Annual, Weekly and Hourly Earnings of All Wage-Earners in Manufacturing Industries, by Provinces, 1938-47—concluded

Province and Year	Annual	Weekly	Hourly	Hours Worked per week
Quebec—	\$	\$	cents	No.
1938.....	853	17-26	36-1	47-6
1939.....	873	17-81	37-0	47-8
1940.....	974	19-93	39-1	50-6
1941.....	1,103	22-78	43-8	51-5
1942.....	1,259	25-82	49-7	51-3
1943.....	1,424	28-07	55-2	50-2
1944.....	1,473	29-59	59-4	49-3
1945.....	1,463	31-55	60-9	48-0
1946.....	1,445	30-51	67-2	45-4
1947.....	1,601	34-82	76-7	45-4
Ontario—				
1938.....	1,008	20-81	44-9	46-1
1939.....	1,026	21-60	45-9	46-9
1940.....	1,153	23-98	47-4	50-3
1941.....	1,309	26-19	51-5	50-5
1942.....	1,463	29-27	58-5	49-7
1943.....	1,591	30-45	62-9	47-9
1944.....	1,618	31-61	67-5	46-3
1945.....	1,577	31-37	68-8	45-1
1946.....	1,552	33-26	77-7	42-8
1947.....	1,792	38-57	89-7	43-0
Manitoba—				
1938.....	1,034	22-00	49-5	44-2
1939.....	1,068	21-59	48-7	44-3
1940.....	1,088	22-38	46-3	48-1
1941.....	1,181	24-32	50-1	48-3
1942.....	1,298	25-92	52-8	48-7
1943.....	1,370	26-99	56-0	47-7
1944.....	1,452	28-25	61-0	45-9
1945.....	1,464	28-69	63-1	45-1
1946.....	1,491	31-16	72-8	42-8
1947.....	1,634	35-59	82-0	43-4
Saskatchewan—				
1938.....	1,037	19-84	41-3	47-9
1939.....	1,027	20-07	42-0	47-7
1940.....	1,031	20-16	39-6	50-6
1941.....	1,097	22-18	42-7	51-8
1942.....	1,232	24-97	47-9	52-0
1943.....	1,378	27-80	54-3	51-1
1944.....	1,405	28-38	56-8	49-7
1945.....	1,415	29-78	64-5	45-9
1946.....	1,455	32-78	74-5	44-0
1947.....	1,643	36-63	84-5	43-3
Alberta—				
1938.....	1,009	20-64	44-4	46-4
1939.....	1,050	21-36	45-9	46-4
1940.....	1,078	21-66	44-3	48-6
1941.....	1,118	23-26	46-5	49-9
1942.....	1,294	25-07	49-8	50-1
1943.....	1,374	27-22	55-8	48-5
1944.....	1,436	28-95	60-1	48-0
1945.....	1,452	29-61	65-1	45-2
1946.....	1,477	32-40	75-0	43-2
1947.....	1,657	36-81	84-2	43-7
British Columbia—				
1938.....	1,128	22-46	50-5	44-4
1939.....	1,153	22-59	49-5	45-5
1940.....	1,250	24-64	53-5	46-0
1941.....	1,359	27-57	59-7	46-1
1942.....	1,633	33-30	71-5	46-4
1943.....	1,799	35-27	76-9	45-8
1944.....	1,809	35-61	79-2	44-9
1945.....	1,765	33-10	76-8	42-9
1946.....	1,750	36-83	89-4	41-2
1947.....	1,934	41-55	103-6	40-4
Yukon and Northwest Territories—				
1939.....	1,734	33-28	63-6	52-3
1940.....	1,544	34-91	67-5	51-8
1941.....	2,033	31-56	57-1	55-5
1942.....	1,670	40-04	72-5	55-3
1943.....	2,030	45-20	93-0	48-9
1944.....	1,922	45-79	91-0	50-3
1945.....	2,110	48-96	98-7	49-6
1946.....	2,249	..	..	..
1947.....	2,152	..	..	..

32.—Average Annual Weekly and Hourly Earnings of All Wage-Earners in Manufacturing Industries, by Industrial Groups, 1938-47

Group and Year	Annual	Weekly	Hourly	Hours Worked per week
	\$	\$	cents	No.
Vegetable Products—				
1938.....	865	10.72	34.4	48.1
1939.....	878	16.91	34.6	48.4
1940.....	911	18.01	35.6	50.1
1941.....	994	19.87	39.1	50.4
1942.....	1,098	21.21	42.3	49.5
1943.....	1,193	22.53	47.0	47.2
1944.....	1,266	23.87	50.6	46.5
1945.....	1,304	25.02	53.1	46.4
1946.....	1,359	29.34	65.9	44.0
1947.....	1,532	33.07	76.2	43.4
Animal Products—				
1938.....	864	16.43	34.6	47.4
1939.....	879	18.01	37.9	47.3
1940.....	917	19.68	39.4	49.7
1941.....	995	21.31	42.5	47.7
1942.....	1,085	23.33	46.8	49.5
1943.....	1,197	24.31	50.7	47.5
1944.....	1,266	25.75	55.6	45.9
1945.....	1,306	26.41	58.5	44.8
1946.....	1,371	28.97	66.2	43.4
1947.....	1,507	33.92	77.8	43.6
Textiles and Textile Products—				
1938.....	739	15.17	33.1	45.7
1939.....	763	16.38	35.0	46.6
1940.....	836	17.49	35.9	48.5
1941.....	889	18.85	38.9	48.2
1942.....	989	20.00	41.7	47.5
1943.....	1,060	21.13	45.3	46.2
1944.....	1,118	22.18	48.8	44.9
1945.....	1,147	22.84	50.9	44.4
1946.....	1,212	24.73	58.6	42.2
1947.....	1,341	28.09	67.2	41.8
Wood and Paper Products—				
1938.....	980	19.52	39.7	49.0
1939.....	1,003	19.97	40.3	49.9
1940.....	1,083	21.36	41.4	51.4
1941.....	1,152	23.28	44.7	52.0
1942.....	1,255	24.79	48.0	51.4
1943.....	1,336	26.12	51.8	50.1
1944.....	1,401	27.57	55.4	49.4
1945.....	1,434	29.38	62.3	46.7
1946.....	1,543	33.68	74.8	44.8
1947.....	1,767	39.16	87.6	44.7
Iron and Its Products—				
1938.....	1,154	25.33	57.1	44.3
1939.....	1,189	25.75	57.2	44.9
1940.....	1,405	29.48	58.2	50.7
1941.....	1,577	31.11	60.3	51.5
1942.....	1,750	35.95	69.8	51.3
1943.....	1,893	37.09	73.4	50.4
1944.....	1,939	39.13	80.3	48.7
1945.....	1,918	37.42	79.5	47.0
1946.....	1,803	38.11	87.2	43.7
1947.....	2,020	43.21	97.1	44.5
Non-ferrous Metal Products—				
1938.....	1,142	22.79	51.1	44.5
1939.....	1,161	23.52	50.8	46.3
1940.....	1,252	25.43	49.8	50.8
1941.....	1,371	28.52	55.4	51.4
1942.....	1,535	30.53	58.7	50.9
1943.....	1,893	31.40	63.7	49.0
1944.....	1,645	31.64	66.9	47.1
1945.....	1,662	32.83	71.1	45.9
1946.....	1,618	35.51	80.7	44.0
1947.....	1,886	39.92	92.2	43.3
Non-metallic Mineral Products—				
1938.....	1,173	22.15	46.7	47.3
1939.....	1,169	23.70	50.2	47.1
1940.....	1,236	24.37	49.4	49.2
1941.....	1,349	27.11	54.4	49.8
1942.....	1,472	28.84	58.6	49.1
1943.....	1,614	31.09	63.7	48.7
1944.....	1,667	32.52	67.6	47.9
1945.....	1,650	31.97	68.0	46.9
1946.....	1,654	33.84	75.5	47.7
1947.....	1,919	40.45	89.7	45.1

32.—Average Annual, Weekly and Hourly Earnings of All Wage-Earners in Manufacturing Industries, by Industrial Groups, 1938-47—concluded

Group and Year	Annual	Weekly	Hourly	Hours Worked per week
	\$	\$	cents	No.
Chemicals and Allied Products—				
1938.....	1,017	19.48	44.2	43.9
1939.....	1,057	20.16	44.9	44.7
1940.....	1,115	21.64	45.4	47.4
1941.....	1,274	24.57	49.5	49.4
1942.....	1,345	26.52	54.4	48.6
1943.....	1,485	27.62	57.3	47.8
1944.....	1,540	29.69	63.6	46.4
1945.....	1,585	29.23	63.3	45.9
1946.....	1,563	32.46	73.1	44.4
1947.....	1,786	37.14	84.8	43.8
Miscellaneous Industries—				
1938.....	850	17.87	39.0	45.7
1939.....	863	17.73	38.5	45.9
1940.....	916	18.65	38.0	49.0
1941.....	1,017	21.98	43.2	50.6
1942.....	1,118	25.35	50.7	48.7
1943.....	1,383	27.50	58.5	46.5
1944.....	1,437	26.62	59.8	44.1
1945.....	1,345	27.38	61.3	44.2
1946.....	1,295	26.69	62.0	42.8
1947.....	1,451	31.18	73.7	42.3

33.—Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners in Manufacturing Industries, by Provinces, 1938-47

Province and Year	MALE				FEMALE			
	Annual	Weekly	Hourly	Hours Worked per Week	Annual	Weekly	Hourly	Hours Worked per Week
	\$	\$	cents	No.	\$	\$	cents	No.
Prince Edward Island—								
1938.....	549	10.31	19.8	52.2	328	6.16	11.6	53.3
1939.....	581	12.88	25.9	49.7	288	7.50	15.2	49.2
1940.....	644	15.31	28.8	53.1	325	7.71	16.0	48.3
1941.....	645	16.70	32.2	51.9	352	9.10	18.6	48.8
1942.....	682	17.35	33.5	51.7	422	10.75	21.2	50.8
1943.....	992	26.44	47.2	56.0	459	12.25	23.2	52.8
1944.....	1,172	28.10	50.0	56.3	500	12.00	27.0	44.5
1945.....	1,080	30.00	59.3	50.6	557	15.49	30.7	50.5
1946.....	1,097	25.42	54.2	46.9	555	12.87	28.6	45.0
1947.....	1,131	28.01	59.6	47.0	613	15.19	37.7	40.3
Nova Scotia—								
1938.....	926	17.96	35.6	50.4	469	9.11	18.4	49.4
1939.....	939	19.20	37.6	51.0	539	11.03	21.8	50.6
1940.....	1,040	20.47	39.0	52.5	569	11.19	21.7	51.6
1941.....	1,171	24.42	45.9	53.2	566	11.80	23.6	50.1
1942.....	1,377	28.84	52.2	53.2	779	13.66	28.2	48.5
1943.....	1,571	32.22	61.5	52.4	853	17.51	37.1	47.2
1944.....	1,677	34.01	68.0	50.0	968	19.63	42.0	46.8
1945.....	1,640	34.67	72.8	47.6	799	16.89	36.8	45.9
1946.....	1,502	33.90	73.7	46.0	762	17.18	39.4	43.6
1947.....	1,584	37.47	81.1	46.2	744	17.62	40.6	43.4
New Brunswick—								
1938.....	890	16.89	33.7	50.1	410	7.78	16.9	45.9
1939.....	894	18.18	36.1	50.3	493	10.01	21.3	46.9
1940.....	1,023	20.54	39.1	52.5	580	11.64	23.7	49.2
1941.....	1,104	22.81	42.2	54.0	573	11.84	24.1	49.2
1942.....	1,228	24.11	45.7	52.7	674	13.26	27.2	48.8
1943.....	1,369	26.69	50.9	52.4	720	14.04	30.7	45.7
1944.....	1,474	29.19	57.1	51.1	765	15.16	33.8	44.8
1945.....	1,515	31.67	63.1	50.2	744	15.54	35.2	44.1
1946.....	1,528	33.58	71.9	46.7	781	17.16	40.0	42.9
1947.....	1,714	37.05	79.5	46.6	890	19.22	47.7	40.3

33.—Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners in Manufacturing Industries, by Provinces, 1938-47—continued

Province and Year	Male				FEMALE			
	Annual	Weekly	Hourly	Hours Worked per Week	Annual	Weekly	Hourly	Hours Worked per Week
	\$	\$	cents	No.	\$	\$	cents	No.
Quebec—								
1938.....	964	19.46	40.1	48.5	569	11.48	25.5	45.1
1939.....	984	20.03	41.0	48.8	596	12.14	26.7	45.4
1940.....	1,112	22.75	43.8	51.9	620	12.70	26.9	47.2
1941.....	1,260	26.14	49.3	53.0	697	14.46	30.3	47.8
1942.....	1,463	30.12	56.7	53.1	787	16.22	34.2	47.4
1943.....	1,642	32.49	62.2	52.2	916	18.09	39.4	45.9
1944.....	1,671	33.53	65.6	51.1	1,001	20.09	44.6	45.0
1945.....	1,684	34.13	68.7	49.7	935	18.97	42.9	44.2
1946.....	1,660	34.95	74.2	47.1	926	19.49	47.3	41.2
1947.....	1,830	39.66	84.2	47.1	1,016	22.02	54.1	40.7
Ontario—								
1938.....	1,105	22.92	49.1	46.7	627	13.03	29.7	43.9
1939.....	1,127	23.85	50.3	47.4	640	13.54	30.1	45.0
1940.....	1,268	26.63	52.1	51.1	685	14.37	30.3	47.5
1941.....	1,450	29.39	57.2	51.4	780	15.82	33.2	47.6
1942.....	1,646	33.24	65.4	50.8	918	18.59	39.8	46.7
1943.....	1,812	34.99	70.4	49.7	1,042	20.13	45.9	43.9
1944.....	1,843	36.30	75.4	48.1	1,084	21.35	50.2	42.5
1945.....	1,790	36.02	77.1	46.7	1,024	20.61	49.5	41.6
1946.....	1,738	37.09	84.3	44.0	963	20.53	52.9	38.8
1947.....	1,988	42.70	96.6	44.2	1,153	24.13	62.2	38.8
Manitoba—								
1938.....	1,127	24.15	54.1	44.6	576	12.35	29.0	42.6
1939.....	1,165	23.61	53.1	44.5	623	12.64	29.3	43.2
1940.....	1,179	24.30	49.9	48.7	660	13.60	29.9	45.5
1941.....	1,291	26.56	54.3	48.9	684	14.09	30.8	45.8
1942.....	1,436	29.07	58.5	49.7	757	15.32	33.7	45.4
1943.....	1,553	30.86	62.6	49.3	829	16.48	38.0	43.4
1944.....	1,653	32.36	68.6	47.2	932	18.24	42.5	42.9
1945.....	1,667	32.88	71.3	46.1	914	18.03	42.3	42.6
1946.....	1,662	34.51	78.8	43.8	949	19.72	49.8	39.6
1947.....	1,818	39.20	88.1	44.5	1,049	22.63	57.0	39.7
Saskatchewan—								
1938.....	1,066	20.33	42.2	48.2	620	11.84	27.5	43.0
1939.....	1,059	20.62	43.0	48.0	592	11.53	26.7	43.2
1940.....	1,066	20.67	40.5	51.0	599	11.61	26.1	44.5
1941.....	1,136	22.81	43.7	52.2	687	13.81	29.8	46.4
1942.....	1,279	25.94	49.2	52.7	895	18.17	38.9	46.9
1943.....	1,461	29.34	56.8	51.7	1,005	20.19	41.9	48.2
1944.....	1,500	29.99	58.9	50.9	993	19.86	45.8	43.4
1945.....	1,526	32.36	69.4	46.6	934	19.81	45.6	43.4
1946.....	1,531	34.11	77.0	44.3	1,007	22.45	54.5	41.2
1947.....	1,726	39.16	87.5	43.8	1,106	25.10	62.3	40.3
Alberta—								
1938.....	1,051	21.42	45.9	46.7	671	13.67	31.3	43.7
1939.....	1,096	22.23	47.6	46.7	676	13.72	31.4	43.7
1940.....	1,134	22.53	46.3	48.7	638	14.19	26.8	47.4
1941.....	1,173	24.32	48.3	50.4	716	14.83	32.5	45.6
1942.....	1,309	26.93	52.9	50.9	801	16.50	35.2	46.4
1943.....	1,492	29.49	59.7	49.4	925	18.30	40.5	45.2
1944.....	1,568	31.50	64.4	48.9	996	20.01	44.8	44.7
1945.....	1,599	32.54	70.7	46.0	961	19.55	46.0	42.5
1946.....	1,582	34.50	79.3	43.5	981	21.38	51.4	41.6
1947.....	1,758	39.07	88.6	44.1	1,136	25.25	60.4	41.8
British Columbia—								
1938 ¹	1,169	23.54	52.7	44.7	673	13.55	32.6	41.6
1939.....	1,201	23.73	51.8	45.8	652	12.89	29.8	43.2
1940.....	1,303	26.00	56.2	46.3	681	13.60	31.3	43.4
1941.....	1,417	28.99	62.6	46.3	743	15.18	34.3	44.2
1942.....	1,713	35.42	75.8	46.7	939	19.44	43.7	44.5
1943.....	1,903	37.57	81.3	46.2	1,239	24.46	56.0	43.7

¹ Includes Yukon.

33.—Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners in Manufacturing Industries, by Provinces, 1938-47—concluded

Province and Year	MALE				FEMALE			
	Annual	Weekly	Hourly	Hours Worked per Week	Annual	Weekly	Hourly	Hours Worked per Week
	\$	\$	cents	No.	\$	\$	cents	No.
British Columbia—concluded								
1944.....	1,020	38.08	84.3	45.2	1,288	25.57	58.4	43.8
1945.....	1,879	36.21	83.4	43.4	1,139	21.96	53.4	41.1
1946.....	1,956	39.01	94.0	41.5	1,156	23.05	58.8	39.2
1947.....	2,045	43.55	107.8	40.4	1,229	26.19	68.2	38.4
Yukon and Northwest Territories—								
1939.....	1,734	33.28	63.6	52.3	..	..	..	..
1940.....	1,596	35.81	69.3	51.7	741	16.60	31.3	53.0
1941.....	2,081	31.97	58.0	55.1	1,259	19.33	29.0	66.7
1942.....	1,703	40.74	73.8	55.2	723	17.33	28.9	60.0
1943.....	2,092	46.38	95.6	48.5	676	15.00	25.0	60.0
1944.....	1,922	45.79	91.0	50.3	..	..	..	..
1945.....	2,110	48.96	98.7	49.6	..	..	..	..
1946.....	..	..	..	..	..	..	..	..
1947.....	..	..	..	..	..	..	..	..

34.—Average Annual Weekly and Hourly Earnings of Male and Female Wage-Earners in Manufacturing Industries, by Industrial Groups, 1938-47

Group and Year	MALE				FEMALE			
	Annual	Weekly	Hourly	Hours Worked per Week	Annual	Weekly	Hourly	Hours Worked per Week
	\$	\$	cents	No.	\$	\$	cents	No.
Vegetable Products—								
1938.....	988	10.46	39.0	49.9	571	11.24	25.3	44.5
1939.....	1,006	19.75	39.4	50.1	576	11.32	25.2	45.0
1940.....	1,048	21.25	41.1	51.7	593	12.02	25.5	47.1
1941.....	1,150	23.55	45.3	52.0	665	13.62	28.6	47.7
1942.....	1,305	25.81	49.7	51.9	716	14.15	30.8	45.9
1943.....	1,440	27.81	55.4	50.2	785	15.16	35.3	43.0
1944.....	1,522	29.15	59.0	49.4	848	16.25	38.4	42.3
1945.....	1,563	30.49	62.2	49.0	850	16.59	39.2	42.3
1946.....	1,593	34.29	74.5	46.0	883	18.98	47.8	39.7
1947.....	1,786	38.90	85.5	45.5	989	21.54	54.8	39.3
Animal Products—								
1938.....	953	18.91	39.5	47.9	538	10.68	23.1	46.3
1939.....	957	20.18	42.1	47.9	603	12.72	27.8	45.7
1940.....	998	21.98	43.6	50.4	638	14.05	29.2	48.1
1941.....	1,116	24.71	48.6	50.8	637	14.11	29.7	47.5
1942.....	1,228	27.29	53.8	50.7	715	15.88	33.7	47.1
1943.....	1,369	28.58	58.2	49.1	799	16.70	37.4	44.7
1944.....	1,445	30.21	63.5	47.6	860	17.96	41.9	42.9
1945.....	1,490	30.73	66.7	46.1	890	18.34	43.3	42.4
1946.....	1,548	32.68	73.1	44.7	927	19.58	48.7	40.2
1947.....	1,697	37.89	84.2	45.0	1,011	22.57	57.0	39.6
Textiles and Textile Products—								
1938.....	895	18.38	39.2	46.9	605	12.43	27.9	44.6
1939.....	929	19.96	41.8	47.7	622	13.37	29.3	45.7
1940.....	1,040	21.79	43.8	49.7	669	14.02	29.5	47.5
1941.....	1,111	23.74	47.6	49.9	718	15.33	32.6	47.0
1942.....	1,284	26.07	52.3	49.8	792	16.10	34.9	46.1
1943.....	1,406	28.14	57.5	48.9	848	16.97	38.0	44.6
1944.....	1,482	29.49	61.4	48.0	895	17.82	41.3	43.1
1945.....	1,519	30.25	63.7	47.5	919	18.32	43.1	42.5
1946.....	1,557	31.53	69.0	45.7	976	19.76	49.9	39.6
1947.....	1,723	36.08	80.0	45.1	1,065	22.36	56.6	39.4

34.—Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners in Manufacturing Industries, by Industrial Groups, 1938-47—concluded

Group and Year	MALE				FEMALE			
	Annual	Weekly	Hourly	Hours Worked per Week	Annual	Weekly	Hourly	Hours Worked per Week
	\$	\$	cents	No.	\$	\$	cents	No.
Wood and Paper Products—								
1938.....	1,013	20.08	40.6	49.4	639	12.68	28.6	44.4
1939.....	1,040	20.59	41.3	49.9	632	12.52	28.1	44.6
1940.....	1,123	22.10	42.6	51.9	654	12.86	27.8	46.2
1941.....	1,203	24.25	46.2	52.5	685	13.79	29.5	46.7
1942.....	1,323	26.04	49.9	52.2	763	15.05	33.1	45.4
1943.....	1,431	27.86	54.3	51.3	821	16.00	37.0	43.2
1944.....	1,508	29.48	58.1	50.7	844	16.50	39.4	41.9
1945.....	1,547	32.34	67.5	47.9	815	17.03	40.6	41.9
1946.....	1,642	36.28	79.7	45.5	875	19.34	47.5	40.7
1947.....	1,871	41.63	91.7	45.4	1,003	22.30	55.9	39.9
Iron and Its Products—								
1938.....	1,169	25.65	57.8	44.4	687	15.09	36.0	41.9
1939.....	1,206	26.11	58.0	45.0	703	15.21	34.6	43.9
1940.....	1,428	30.00	59.1	50.8	755	15.87	33.6	47.3
1941.....	1,615	32.01	61.9	51.7	853	16.91	34.7	48.8
1942.....	1,819	37.71	72.9	51.6	1,111	23.06	46.8	49.3
1943.....	1,978	38.92	76.3	51.0	1,371	26.98	57.2	47.2
1944.....	2,003	40.53	82.5	49.1	1,546	31.30	67.7	46.2
1945.....	1,978	38.86	82.0	47.4	1,365	26.82	60.8	44.1
1946.....	1,844	39.03	88.9	43.9	1,086	22.98	55.5	41.4
1947.....	2,057	43.98	98.6	44.6	1,296	27.70	66.9	41.4
Non-ferrous Metal Products—								
1938.....	1,201	23.97	53.7	44.6	742	14.81	34.0	43.5
1939.....	1,241	25.24	54.3	46.5	660	13.43	30.0	44.8
1940.....	1,347	27.45	53.5	51.3	717	14.62	30.2	48.4
1941.....	1,492	31.28	60.4	51.8	785	16.49	33.4	49.4
1942.....	1,681	33.72	64.2	51.4	1,009	20.25	41.1	49.3
1943.....	1,799	34.97	69.9	50.0	1,144	22.24	48.0	46.3
1944.....	1,846	35.65	74.0	48.2	1,169	22.56	50.7	44.5
1945.....	1,841	36.64	77.8	47.1	1,193	23.76	55.0	43.2
1946.....	1,776	37.15	85.0	43.7	1,117	23.37	57.7	40.5
1947.....	2,032	43.04	97.6	44.1	1,353	28.66	70.6	40.6
Non-metallic Mineral Products—								
1938.....	1,195	22.52	47.5	47.4	543	10.22	22.2	46.1
1939.....	1,184	24.04	50.9	47.2	747	15.16	33.7	45.0
1940.....	1,262	24.90	50.4	49.4	649	12.81	27.9	45.9
1941.....	1,384	27.88	55.8	50.0	734	14.78	32.1	46.0
1942.....	1,522	29.93	60.7	49.3	878	17.27	36.2	47.6
1943.....	1,698	32.75	66.6	49.2	954	18.42	41.3	44.6
1944.....	1,750	34.18	70.5	48.5	1,078	21.06	47.7	44.2
1945.....	1,725	33.46	70.6	47.4	1,088	21.10	48.6	43.4
1946.....	1,708	35.31	78.3	45.1	1,064	21.99	52.6	41.8
1947.....	1,960	41.40	91.6	45.2	1,317	27.82	64.1	43.4
Chemicals and Allied Products—								
1938.....	1,128	21.63	48.7	44.4	626	12.00	28.4	42.3
1939.....	1,169	22.25	49.3	45.1	657	12.51	28.9	43.3
1940.....	1,240	24.16	50.3	48.0	655	12.76	28.2	45.3
1941.....	1,419	28.38	56.6	50.1	820	16.40	34.3	47.8
1942.....	1,557	30.89	62.6	49.4	968	19.23	40.7	47.3
1943.....	1,788	33.42	67.8	49.3	1,025	19.16	41.9	45.7
1944.....	1,777	34.40	71.7	48.0	1,166	22.57	51.3	44.0
1945.....	1,803	33.83	71.4	47.4	1,143	21.45	49.5	43.3
1946.....	1,777	35.97	79.4	45.3	956	19.35	47.2	41.0
1947.....	1,984	40.90	91.5	44.7	1,067	21.99	54.7	40.2
Miscellaneous Industries—								
1938.....	929	19.55	42.3	46.2	619	13.03	29.4	44.3
1939.....	947	19.44	41.9	46.4	628	12.88	29.0	44.4
1940.....	1,015	20.82	42.0	49.6	657	13.47	28.3	47.6
1941.....	1,167	25.41	49.3	51.5	666	14.51	29.9	48.6
1942.....	1,306	29.26	58.5	50.0	771	17.29	37.3	46.4
1943.....	1,643	32.87	67.4	48.8	997	19.96	46.7	43.3
1944.....	1,664	30.81	66.8	46.1	1,108	20.52	49.1	41.3
1945.....	1,607	32.70	71.2	45.9	951	19.36	46.4	41.7
1946.....	1,502	30.91	70.4	43.9	945	19.43	47.4	41.0
1947.....	1,709	35.75	81.8	43.7	1,084	22.67	57.1	39.7

Real Earnings of Employees in Recent Years.—When the index number representing the average yearly wages is divided by the index number of the cost of living, on the same base, a measure of “real” wages is obtained. Index numbers for 1931 to 1947 are given in Table 35. In 1933, the height of the depression, real wages were 88·3 on the 1935-39 base. From then on they rose steadily and stood at 141·1 in 1944, an increase of about 60 p.c. In 1946 real wages dropped to 131·6 and rose again to 135·6 in 1947.

35.—Average Yearly Earnings, and Index Numbers of Earnings, Cost of Living and Real Wages of Wage-Earners, in Manufacturing Industries, 1931-47

NOTE.—Figures on the 1917 base, with qualifications as to comparability, for 1917 to 1930 are published at p. 421 of the 1939 Canada Year Book.

Year	Wages Paid	Average Wage-Earners	Average Yearly Earnings	Index Numbers (1935-39=100)		
				Average Yearly Earnings	Cost of Living	Real Value of Average Yearly Earnings
	\$	No.	\$			
1931.....	415,277,895	437,149	950	101·9	109·1	93·4
1932.....	322,245,926	381,783	844	90·6	99·0	91·5
1933.....	296,029,878	382,022	777	83·4	94·4	88·3
1934.....	355,090,929	427,717	830	89·1	95·7	93·1
1935.....	399,012,697	458,734	870	93·3	96·2	97·0
1936.....	438,873,377	489,942	896	96·1	98·1	98·0
1937.....	525,743,562	544,624	965	103·5	101·2	102·3
1938.....	498,282,208	521,427	956	102·6	102·2	100·4
1939.....	519,971,819	533,342	975	104·6	101·5	103·1
1940.....	679,273,194	626,484	1,084	116·3	105·6	110·1
1941.....	978,525,782	802,234	1,220	130·9	111·7	117·2
1942.....	1,347,934,049	974,904	1,383	148·4	117·0	126·8
1943.....	1,598,434,879	1,047,873	1,525	163·6	118·4	138·2
1944.....	1,611,555,776	1,030,324	1,564	167·8	118·9	141·1
1945.....	1,427,915,830	928,665	1,538	165·0	119·5	138·1
1946.....	1,329,811,478	877,150	1,516	162·7	123·6	131·6
1947.....	1,611,232,166	940,650	1,713	183·8	135·5	135·6

Percentages of Salaries and Wages to Net Value of Products.—Table 36 shows the relation between salaries and wages paid by manufacturers and the total net value of production. Figures of gross production are often used in such calculations, but the values out of which the wages of employees must come in the long run are the values added to the raw materials while they are in the factory. Such added values constitute the real production of the manufacturing plant and are alone available for payment of salaries and wages, interest, rent, taxes, repairs, and all other overhead charges that ordinarily must be met. The percentage declined steadily with the increasing manufacturing production from 1924 to 1929, while from 1931 to 1935 and again in 1938 and 1939, due to decreased industrial activity, the percentage of salaries to value added was above normal. It should be borne in mind, however, that salaried employees increased 173 p.c. during the period 1924-47 while wage-earners increased 125 p.c. The percentage of wages has fluctuated much less than that of salaries. The number of wage-earning employees may be more rapidly adjusted to the activity of the industry and wage levels likewise may be more readily adjusted to the price levels of the products. Of the increase in the net value of production since 1939 amounting to \$2,761,003,901, \$1,348,114,813 or 48·8 p.c. was passed along in increased salaries and wages.

36.—Percentages of Salaries and Wages Paid to the Total Net Values of Manufacturing Production, 1924-47

Year	Value Added by Processes of Manufacture ¹	Salaries Paid	Wages Paid	Percentages—		
				of Salaries to Value Added	of Wages to Value Added	of Total Salaries and Wages to Value Added
	\$	\$	\$	p.c.	p.c.	p.c.
1924.....	1,075,458,459	130,344,822	404,122,853	12·1	37·6	49·7
1925.....	1,167,936,726	133,409,498	436,534,944	11·4	37·4	48·8
1926.....	1,305,168,549	142,353,900	483,328,342	10·9	37·0	47·9
1927.....	1,427,649,292	151,419,411	511,285,921	10·6	35·8	46·4
1928.....	1,597,887,676	162,903,007	558,568,627	10·2	35·0	45·2
1929.....	1,755,386,937	175,553,710	601,737,507	10·0	34·3	44·3
1930.....	1,522,737,125	169,992,216	527,563,162	11·2	34·6	45·8
1931.....	1,252,017,248	172,289,095	415,277,895	13·8	33·2	47·0
1932.....	955,960,724	151,355,790	322,245,926	15·8	33·7	49·5
1933.....	919,671,181	139,317,946	296,929,878	15·1	32·3	47·4
1934.....	1,087,301,742	148,760,126	355,090,929	13·7	32·7	46·4
1935.....	1,153,485,104	160,455,080	399,012,697	13·9	34·6	48·5
1936.....	1,289,592,672	173,198,057	438,873,377	13·4	34·0	47·4
1937.....	1,508,924,867	195,983,475	525,743,562	13·0	34·8	47·8
1938.....	1,428,286,778	207,386,381	498,282,208	14·5	34·9	49·4
1939.....	1,531,051,901	217,839,334	519,971,819	14·2	34·0	48·2
1940.....	1,942,471,238	241,599,761	679,273,104	12·0	35·0	47·0
1941.....	2,605,119,788	286,336,861	978,525,782	11·0	37·6	48·6
1942.....	3,309,973,758	334,870,793	1,347,934,049	10·1	40·7	50·8
1943.....	3,816,413,541	388,857,505	1,598,434,879	10·2	42·0	52·2
1944.....	4,015,776,010	418,065,594	1,611,555,776	10·4	40·2	50·6
1945.....	3,564,315,899	417,857,619	1,427,915,830	11·7	40·1	51·8
1946.....	3,467,004,980	410,875,776	1,329,811,478	11·8	38·4	50·2
1947.....	4,292,055,802	474,693,800	1,611,232,166	11·0	37·6	48·6

¹ Equivalent to "net value of products"; see footnote 1, Table 1, p. 7.

Subsection 4.—Size of Manufacturing Establishments

The size of the manufacturing establishment is generally measured either by the value of product, or by the number of employees, but each of these methods has its limitations. The latter takes no account of the differences in capital equipment at different times or in various industries and obviously the increased use of machinery, as in the flour-milling industry, may lead to an increase in production concurrently with a decrease in number of employees. The former measure has to be adjusted for changes in the price level and, as between industries, it makes those in which the cost of raw materials is relatively high appear to operate on a larger scale.

Size as Measured by Gross Value of Products.—While in 1922 the 420 establishments each producing over \$1,000,000 had an aggregate value of products of \$1,268,056,129 or 51 p.c. of the total production of all manufacturing industries the 719 establishments producing over \$1,000,000 each in 1929 had an aggregate value of products of \$2,516,064,954, or 62 p.c. of the grand total for all manufacturing establishments—a very significant change in the short period of eight years. In 1931, however, the number of plants with a production of over \$1,000,000 dropped again to 482, their output being valued at \$1,451,658,954, or 53 p.c. of the total. With the increased production resulting from war needs, the number of plants with a production of \$1,000,000 or over jumped to 1,376 in 1944 and their output was about 75 p.c. of the total value of manufactures. With the end of the war and the consequent decline in production of the huge war plants the number of establishments with a production of \$1,000,000 or over, although increasing to 1,442 in 1946, nevertheless saw a decline in the proportion of their output to 67 p.c. of the total.

With increased prices and an expansion in the physical volume of production in 1947, establishments with a production of \$1,000,000 or over increased to 1,716, while their contribution to the total output rose to 71.6 p.c.

37.—Manufacturing Establishments and Total and Average Production, Classified by Value of Products Groups, 1929, 1939, 1944 and 1947

Group of Gross Values	1929 ¹			1939 ²		
	Estab- lishments	Total Production	Average per Estab- lishment	Estab- lishments	Total Production	Average per Estab- lishment
	No.	\$	\$	No.	\$	\$
Under \$25,000.....	14,024	106,735,470	7,611	15,623	120,903,054	7,738
\$ 25,000 but under \$ 50,000....	2,802	99,529,725	35,521	2,803	99,558,383	35,519
50,000 " 100,000....	2,209	156,308,744	70,760	2,215	156,410,769	70,614
100,000 " 200,000....	1,688	237,532,492	140,718	1,584	225,582,130	142,413
200,000 " 500,000....	1,519	504,218,217	331,941	1,285	390,626,844	303,990
500,000 " 1,000,000....	636	443,597,677	697,481	689	466,441,130	676,983
1,000,000 " 5,000,900....	601	1,217,866,089	2,026,400	520	1,091,293,939	2,098,642
5,000,000 and over.....	118	1,298,198,865	11,001,685	81	923,724,311	11,404,004
Totals and Averages.....	23,597	4,063,987,279	172,225	24,800	3,474,540,560	140,102
	1944			1947		
	Estab- lishments	Total Production	Average per Estab- lishment	Estab- lishments	Total Production	Average per Estab- lishment
	No.	\$	\$	No.	\$	\$
Under \$25,000.....	13,942	128,782,147	9,237	14,622	141,554,451	9,681
\$ 25,000 but under \$ 50,000....	4,011	143,023,914	35,658	4,707	168,399,811	35,776
50,000 " 100,000....	3,442	245,273,500	71,259	4,319	308,444,347	71,416
100,000 " 200,000....	2,513	355,235,489	141,359	3,234	458,350,494	141,729
200,000 " 500,000....	2,256	714,546,348	316,731	2,841	891,861,644	313,925
500,000 " 1,000,000....	943	661,670,696	701,666	1,295	894,954,711	691,085
1,000,000 " 5,000,000....	1,089	2,294,546,053	2,107,021	1,370	2,808,548,244	2,050,035
5,000,000 and over.....	287	4,530,614,372	15,786,113	346	4,408,912,878	12,742,523
Totals and Averages.....	28,483	9,973,692,519	318,565	32,734	10,081,026,580	304,913

¹ Includes central electric stations and dyeing, cleaning and laundry establishments.
of Yukon and the Northwest Territories.

² Exclusive

Size as Measured by Number of Employees.—In 1923, establishments employing 501 hands or over accounted for 21.4 p.c. of the total number of employees engaged in manufacturing. By 1929 the proportion had increased to 27.3 p.c. of the total, thereby showing the increasing concentration of production into larger units. This tendency, however, was checked by the depression, the percentage having dropped in 1933 to 20.5 p.c. (central electric stations included). With the recovery in production since 1933 the percentage has risen again, and in 1939 stood at 25.6. The same also holds true for establishments employing 101 hands or over. In 1923 they employed 58.6 p.c. of the total, in 1929, 61.9 p.c., in 1933, 55.7 p.c., and in 1939, 61.5 p.c.

The impact of the War on the concentration of war industries into large units is illustrated by the increase in the number of establishments employing 500 hands or over. In 1939 such establishments numbered 172 and employed 25.6 p.c. of the total number of employees engaged in manufacturing. By 1944 the number had increased to 383 and the percentage of total employees to 47.0. In a further subdivision of this group in 1944 it was found that 226 establishments employed between 500 and 999 persons, 56 between 1,000 and 1,499, and 101 employed over 1,500. All told there were twelve plants employing over 7,000 persons. The largest one had an employment of a little over 13,000 with the next three largest employing between 9,000 and 10,000. Three other plants employed between 8,000 and 9,000 persons while the lowest five plants in this group employed between 7,000 and 8,000 workers.

In 1947 the size of establishment declined. The largest ones, viz. those employing 1,500 and over, numbered only 58 as compared with 100 in 1944 and 80 in 1945. The largest manufacturing plant in Canada which employed over 13,000 persons in 1944 employed about 12,000 in 1947. The next two largest establishments employed over 6,000 persons whilst the next four had over 5,000 persons. The following is the size distribution of the highest group.

Over 6,000 employees.....	3 establishments
5,000 to 6,000.....	4 establishments
4,000 to 5,000.....	5 establishments
3,000 to 4,000.....	4 establishments
1,500 to 3,000.....	42 establishments
Total.....	58 establishments

38.—Manufacturing Establishments, Classified by Numbers of Employees and by Provinces, 1947

Province or Territory	Up to 500	500 to 799	800 to 999	1,000 to 1,499	1,500 or over	Total
Prince Edward Island.....	260	—	—	—	—	260
Nova Scotia.....	1,469	7	—	3	1	1,480
New Brunswick.....	1,053	5	1	1	1	1,061
Quebec.....	11,114	43	22	23	21	11,223
Ontario.....	11,683	97	16	33	31	11,860
Manitoba.....	1,407	—	1	3	2	1,413
Saskatchewan.....	1,001	—	—	—	—	1,001
Alberta.....	1,378	2	2	—	—	1,382
British Columbia.....	3,018	15	1	4	2	3,040
Yukon and Northwest Territories.....	14	—	—	—	—	14
Canada.....	32,397	169	43	67	58	32,734

39.—Establishments and Employees in Manufactures Classified by Number of Employees per Establishment, 1929, 1939, 1944 and 1947

Group	1929 ¹			1939 ²		
	Estab-lishments	Employees	Average per Estab-lishment	Estab-lishments	Employees	Average per Estab-lishment
	No.	No.	No.	No.	No.	No.
Under 5 employees.....	12,273	30,446	2.5	13,002	28,020	2.2
5 to 20 employees.....	6,160	62,310	10.1	6,985	68,151	9.8
21 " 50 ".....	2,531	81,846	32.3	2,330	75,324	32.3
51 " 100 ".....	1,262	90,238	71.5	1,158	81,646	70.5
101 " 200 ".....	745	103,944	139.5	695	97,063	139.7
201 " 500 ".....	444	136,397	307.2	458	139,687	305.0
501 and over.....	182	189,253	1,040.0	172	168,168	977.7
Totals and Averages...	23,597	694,431	29.4	24,500	658,059	26.5
Group	1944			1947		
	Estab-lishments	Employees	Average per Estab-lishment	Estab-lishments	Employees	Average per Estab-lishment
	No.	No.	No.	No.	No.	No.
Under 5 employees.....	13,208	29,958	2.3	14,438	34,310	2.4
5 to 14 employees.....	7,111	58,404	8.2	8,778	73,010	8.3
15 " 49 ".....	4,615	124,408	27.0	5,655	151,603	26.8
50 " 99 ".....	1,622	113,869	70.2	1,785	125,691	70.4
100 " 199 ".....	900	126,192	140.2	1,064	149,491	140.5
200 " 499 ".....	644	196,707	305.4	677	208,150	307.5
500 and over.....	383	573,344	1,497.0	377	389,495	1,155.8
Totals and Averages...	28,483	1,222,882	42.9	32,734	1,131,750	34.5

¹ Includes central electric stations, dyeing, cleaning and laundry establishments.
Yukon and the Northwest Territories.

² Exclusive of

Size of Establishment in Leading Industries.—Table 40 summarizes the degrees of concentration in some of the leading industries of Canada. Concentration is extremely marked in the case of automobiles, railway rolling-stock, non-ferrous metal smelting and refining, rubber goods, cotton yarn and cloth, pulp and paper, and primary iron and steel; whereas in the case of bread and other bakery products, sawmills, miscellaneous foods, fish curing and packing, butter and cheese, and women's factory clothing, the degree of concentration is low. This concentration is analysed in detail for each of the twenty-five leading industries in the tables following.

40.—Percentage Importance of Establishments, each Employing 200 or more Persons in the Twenty-Five Leading Industries, 1947

Industry	Number of Such Establishments	Percentage of Total Number in the Industry	Percentage of Total Production in the Industry
1 Pulp and paper.....	65	56.5	92.8
2 Slaughtering and meatpacking.....	29	19.2	70.3
3 Non-ferrous smelting and refining.....	12	75.0	97.5
4 Sawmill.....	27	0.4	29.2
5 Electrical apparatus and supplies.....	46	15.5	79.8
6 Automobiles.....	7	77.8	98.8
7 Flour and feed mills.....	9	0.9	54.8
8 Butter and cheese.....	13	0.6	14.5
9 Petroleum products.....	11	23.9	78.3
10 Primary iron and steel.....	27	46.6	91.1
11 Machinery.....	32	9.9	53.2
12 Rubber goods.....	20	33.3	95.0
13 Clothing, women's factory.....	8	0.7	6.4
14 Clothing, men's factory.....	31	5.5	33.4
15 Bread and other bakery products.....	20	0.7	26.6
16 Railway rolling-stock.....	23	62.2	95.6
17 Cotton yarn and cloth.....	28	62.2	96.6
18 Fruit and vegetables preparations.....	9	1.8	33.8
19 Automobile supplies.....	21	16.4	76.2
20 Sheet metal products.....	22	8.7	64.2
21 Hosiery and knitted goods.....	39	14.9	60.5
22 Miscellaneous foods.....	5	1.7	24.0
23 Furniture.....	13	1.2	17.7
24 Printing and publishing.....	23	3.0	61.3
25 Feeds, stock and poultry.....	—	—	—

41.—Principal Statistics of the Twenty-Five Leading Industries Classified by Number of Employees per Establishment, 1947

NOTE. For principal statistics in the manufacturing industries in each province by size of establishments, see Table 3 of Part II, p. 87.

Industry and Group	Establishments	Employees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1. Pulp and Paper—						
Under 5 employees.....	1					
5 to 14 ".....	14	474	998,799	229,130	2,407,579	5,787,493
15 " 49 ".....	17	1,287	2,736,849	1,135,910	7,932,093	14,694,793
50 " 99 ".....	17	2,769	6,041,687	1,917,629	14,663,157	30,081,785
100 " 199 ".....	24	8,788	21,646,775	9,493,944	47,991,171	116,737,654
200 " 499 ".....	41	36,697	98,053,885	42,665,783	222,450,332	539,669,903
500 and over.....						
Totals.....	115	49,946	129,477,995	55,442,396	295,444,332	706,971,628
2. Slaughtering and Meat-packing						
Under 5 employees.....	21	53	77,219	14,984	1,480,941	1,764,887
5 to 14 ".....	31	264	473,630	49,443	8,904,883	10,030,455
15 " 49 ".....	42	1,129	2,066,997	211,021	25,610,619	29,592,310
50 " 99 ".....	12	787	1,754,494	147,289	31,030,142	34,483,624
100 " 199 ".....	16	2,310	4,402,709	410,809	59,306,313	68,699,984
200 " 499 ".....	17	5,369	10,852,371	743,523	88,100,223	106,311,678
500 and over.....	12	11,814	24,983,725	1,591,217	192,261,086	236,033,616
Totals.....	151	21,726	44,611,145	3,168,296	406,694,207	486,916,554

41.—Principal Statistics of the Twenty-Five Leading Industries Classified by Number of Employees per Establishment, 1947—continued

Industry and Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
3. Non-ferrous Metal Smelting and Refining—						
Under 5 employees.....	1	355	785,053	303,102	7,707,836	11,200,145
15 to 49 ".....	1					
100 " 199 ".....	2					
200 " 499 ".....	5					
500 and over.....	7	15,152	4,410,524	3,361,971	90,869,521	105,029,332
		15,152	35,572,294	25,302,286	209,690,574	336,804,465
Totals.....	16	17,449	40,767,871	28,967,359	308,267,931	453,033,942
4. Sawmills—						
Under 5 employees.....	4,381	10,834	6,640,188	656,244	22,512,165	39,163,030
5 to 14 ".....	1,471	11,615	14,309,961	917,016	39,142,525	70,782,338
15 " 49 ".....	482	11,900	18,668,985	673,680	45,904,753	82,757,055
50 " 99 ".....	90	6,077	11,702,973	357,896	25,902,912	51,475,024
100 " 199 ".....	30	4,229	8,322,582	166,958	21,808,585	40,389,939
200 " 499 ".....	19	5,262	11,812,221	61,920	31,613,856	63,956,825
500 and over.....	8	5,508	11,903,542	240,787	21,659,023	53,609,087
Totals.....	6,481	55,425	83,350,452	3,074,501	208,543,819	402,133,298
5. Electrical Apparatus and Supplies—						
Under 5 employees.....	48	123	181,905	13,142	369,112	736,915
5 to 14 ".....	47	403	718,158	25,708	1,442,115	2,777,674
15 " 49 ".....	84	2,440	4,244,929	153,558	9,513,614	19,488,360
50 " 99 ".....	34	2,278	4,028,888	145,065	7,466,223	16,171,214
100 " 199 ".....	37	5,126	8,918,463	300,574	15,074,963	34,677,944
200 " 499 ".....	26	7,693	14,756,187	457,463	32,657,473	65,587,558
500 and over.....	20	34,673	71,042,486	2,420,387	95,607,766	227,066,538
Totals.....	296	52,736	103,891,016	3,515,897	162,131,266	366,506,203
6. Automobiles—						
100 to 199 employees.....	2	23,837	58,407,977	2,332,456	226,845,132	340,918,195
200 " 499 ".....	2					
500 and over.....	5					
Totals.....	9	23,837	58,407,977	2,332,456	226,845,132	340,918,195
7. Flour and Feed Mills—						
Under 5 employees.....	740	1,416	1,413,993	420,469	37,227,643	42,331,500
5 to 14 ".....	159	1,252	1,844,032	431,744	31,269,186	37,930,990
15 " 49 ".....	4	102	159,219	23,876	1,735,702	2,059,984
50 " 99 ".....	41	1,310	2,645,628	372,109	55,987,128	64,155,256
100 " 199 ".....	8	1,131	2,435,301	404,086	43,327,104	51,346,218
200 " 499 ".....	7	3,074	6,333,886	805,325	111,127,713	126,328,509
500 and over.....	2					
Totals.....	961	8,285	14,832,059	2,457,609	280,674,476	324,152,457
8. Butter and Cheese—						
Under 5 employees.....	1,354	3,254	2,883,368	877,465	59,584,607	66,138,729
5 to 14 ".....	443	3,486	4,492,591	1,113,320	65,442,326	77,563,035
15 " 49 ".....	169	4,123	6,083,076	1,221,777	48,498,060	63,264,241
50 " 99 ".....	40	2,659	4,547,496	561,361	22,403,598	33,215,376
100 " 199 ".....	18	2,450	4,478,176	460,258	16,033,057	24,605,420
200 " 499 ".....	10	3,003	5,989,292	557,338	17,696,888	28,735,630
500 and over.....	3	1,782	3,931,746	243,630	9,009,033	16,205,327
Totals.....	2,037	20,757	32,405,745	5,035,149	238,667,589	309,727,758
9. Petroleum Products—						
Under 5 employees.....	9	20	33,030	3,097	107,756	224,421
5 to 14 ".....	8	64	130,723	22,005	923,981	1,209,151
15 " 49 ".....	6	155	259,475	108,311	4,194,041	5,529,144
50 " 99 ".....	6	443	919,701	362,583	11,572,639	14,878,690
100 " 199 ".....	6	839	1,793,428	1,207,199	34,809,761	40,787,577
200 " 499 ".....	8	2,621	6,043,877	4,657,034	83,103,550	112,509,484
500 and over.....	3	3,618	8,697,586	6,298,334	82,804,343	113,361,819
Totals.....	46	7,760	17,877,820	12,658,563	217,516,071	288,500,286

41.—Principal Statistics of the Twenty-Five Leading Industries Classified by Number of Employees per Establishment, 1947—continued

Industry and Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
10. Primary Iron and Steel—						
Under 200 employees.....	32	2,460	5,002,744	725,389	9,159,066	19,191,076
200 and over.....	26	24,473	55,282,624	18,138,007	95,373,268	197,084,542
Totals.....	58	26,933	60,285,368	18,863,396	104,532,334	216,275,618
11. Machinery—						
Under 5 employees.....	29	74	125,928	8,804	149,697	350,672
5 to 14 ".....	69	659	1,241,908	51,333	1,153,862	3,444,521
15 " 49 ".....	94	2,672	5,352,023	190,887	7,220,421	18,294,183
50 " 99 ".....	56	4,022	8,438,660	271,618	12,640,667	31,189,041
100 " 199 ".....	42	5,993	12,569,825	397,943	16,369,086	40,687,826
200 " 499 ".....	22	6,824	13,729,244	505,328	10,427,785	38,202,687
500 and over.....	10	9,676	20,512,104	790,469	26,140,239	68,725,824
Totals.....	322	29,920	61,969,692	2,216,382	74,101,757	200,894,754
12. Rubber Goods—						
Under 5 employees.....	8	17	18,016	1,063	6,524	32,940
5 to 14 ".....	12	94	157,126	13,634	249,744	528,542
15 " 49 ".....	8	206	304,569	18,023	672,096	1,500,852
50 " 99 ".....	6	448	777,940	115,347	1,358,956	2,925,902
100 " 199 ".....	6	896	1,473,133	102,641	2,197,058	4,799,372
200 " 499 ".....	6	2,038	3,758,002	275,877	5,150,070	13,096,079
500 and over.....	14	19,776	40,125,107	2,173,517	73,300,177	173,424,047
Totals.....	60	23,475	46,613,893	2,700,102	82,934,625	196,307,734
13. Clothing, Women's Factory—						
Under 5 employees.....	145	370	538,976	8,181	2,037,630	4,363,285
5 to 14 ".....	382	3,715	5,999,923	64,847	10,605,430	21,792,842
15 " 49 ".....	502	13,456	22,747,076	191,926	40,127,833	79,788,681
50 " 99 ".....	102	6,815	11,116,786	88,542	20,979,591	41,486,004
100 " 199 ".....	30	4,231	6,392,529	54,475	12,907,591	25,068,693
200 " 499 ".....	8	2,382	3,561,831	25,672	6,055,499	11,805,925
Total.....	1,169	30,969	50,357,121	433,643	92,713,574	184,305,430
14. Clothing, Men's Factory—						
Under 5 employees.....	132	311	574,832	5,878	4,216,830	7,803,746
5 to 14 ".....	109	950	1,684,072	16,379	7,808,507	14,691,281
15 " 49 ".....	172	5,065	7,349,026	91,331	17,829,897	32,703,085
50 " 99 ".....	82	6,026	8,914,305	111,408	17,917,979	34,007,082
100 " 199 ".....	40	5,550	8,218,070	88,717	17,937,916	32,789,309
200 " 499 ".....	26	8,525	12,835,005	138,850	23,655,200	44,017,784
500 and over.....	5	3,390	5,911,474	55,506	8,716,264	17,153,746
Totals.....	566	29,817	45,486,784	508,069	98,082,593	183,166,033
15. Bread and Other Bakery Products—						
Under 5 employees.....	1,715	4,057	4,380,175	940,299	8,393,931	16,602,036
5 to 14 ".....	899	6,914	8,707,560	1,097,567	14,873,418	28,852,439
15 " 49 ".....	238	5,962	9,088,858	988,788	15,370,823	31,087,217
50 " 99 ".....	39	2,737	4,567,899	478,142	8,879,148	17,620,255
100 " 199 ".....	31	4,439	7,715,274	611,695	13,414,992	27,493,576
200 " 499 ".....	16	4,765	8,537,177	683,226	13,139,322	29,229,875
500 and over.....	4	2,627	4,899,322	388,887	6,012,889	14,864,190
Totals.....	2,942	31,501	47,896,265	5,188,604	80,084,523	165,749,588
16. Railway Rolling-Stock—						
Under 5 employees.....	2	14	28,258	2,548	451,263	525,878
5 to 14 ".....	1					
15 " 49 ".....	4	258	499,752	25,278	1,156,357	1,991,177
50 " 99 ".....	2					
100 " 199 ".....	5	813	1,655,802	177,506	1,934,698	4,516,749
200 " 499 ".....	7	2,619	5,511,930	257,891	4,390,098	10,896,969
500 and over.....	16	24,822	54,058,493	3,354,425	65,143,992	141,352,376
Totals.....	37	28,526	61,754,235	3,817,648	73,076,408	159,283,149

41.—Principal Statistics of the Twenty-Five Leading Industries Classified by Number of Employees per Establishment, 1947—continued

Industry and Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
17. Cotton Yarn and Cloth—						
5 to 14 employees.....	8	68	74,405	6,065	180,894	305,049
15 " 49 ".....	3	300	351,647	30,499	1,006,042	1,640,471
50 " 99 ".....	2					
100 " 199 ".....	4	518	806,380	63,790	2,187,205	3,495,914
200 " 499 ".....	12	3,627	5,325,468	327,570	13,482,701	23,041,563
500 and over.....	16	19,576	28,886,513	2,784,359	82,742,317	129,789,434
Totals.....	45	24,089	35,444,413	3,212,283	99,599,159	158,272,431
18. Fruit and Vegetable Preparations—						
Under 5 employees.....	127	354	266,746	30,056	1,097,991	1,658,925
5 to 14 ".....	152	1,282	1,270,908	128,330	5,379,841	8,363,392
15 " 49 ".....	137	3,756	4,485,311	446,739	16,987,418	28,194,137
50 " 99 ".....	53	4,012	5,677,792	496,308	21,740,454	35,255,488
100 " 199 ".....	24	3,628	4,458,079	422,228	15,979,885	27,598,116
200 " 499 ".....	7	4,004				
500 and over.....	2		6,040,630	506,985	28,146,961	51,642,843
Totals.....	502	17,036	22,199,466	2,030,646	89,332,550	152,712,901
19. Automobile Supplies—						
Under 5 employees.....	17	46	69,836	4,223	70,907	220,161
5 to 14 ".....	25	239	448,791	20,251	1,099,074	2,090,329
15 " 49 ".....	37	992	1,850,196	81,162	2,891,834	6,139,464
50 " 99 ".....	9	598	1,070,562	40,363	1,194,178	3,134,549
100 " 199 ".....	19	2,504	5,057,722	249,866	10,090,707	19,677,267
200 " 499 ".....	12	3,541	7,511,493	387,221	11,905,994	28,926,614
500 and over.....	9	9,567	20,551,264	1,291,939	38,178,246	71,346,555
Totals.....	128	17,487	36,559,864	2,075,025	65,430,140	131,534,939
20. Sheet Metal Products—						
Under 5 employees.....	53	145	203,000	13,604	220,232	568,405
5 to 14 ".....	64	580	939,660	41,171	1,209,099	2,946,854
15 " 49 ".....	72	2,007	3,463,384	165,555	6,311,209	12,880,007
50 " 99 ".....	20	1,411	2,601,286	109,593	4,859,380	10,734,642
100 " 199 ".....	22	3,055	5,546,116	306,053	8,728,791	19,274,262
200 " 499 ".....	16	5,351	10,704,066	505,043	28,075,007	49,918,584
500 and over.....	6	5,088	9,804,307	507,672	19,187,887	33,172,196
Totals.....	253	17,637	33,261,819	1,648,691	68,591,605	129,494,950
21. Hosiery and Knitted Goods—						
Under 5 employees.....	27	61	89,999	1,885	249,223	657,136
5 to 14 ".....	43	412	562,630	16,469	1,587,113	2,762,155
15 " 49 ".....	86	2,510	3,291,738	117,858	7,563,265	14,349,934
50 " 99 ".....	40	2,773	3,490,954	141,782	7,609,288	14,441,288
100 " 199 ".....	27	3,724	4,430,100	154,310	8,576,619	18,282,774
200 " 499 ".....	30	9,637	12,865,213	550,478	19,732,651	45,007,617
500 and over.....	9	7,494	10,916,029	446,234	14,239,268	32,336,666
Totals.....	262	26,511	35,646,663	1,429,016	59,557,427	127,837,570
22. Miscellaneous Foods—						
Under 5 employees.....	102	254	339,695	20,685	1,434,947	2,157,572
5 to 14 ".....	99	838	1,301,406	70,122	6,090,707	8,863,271
15 " 49 ".....	71	1,921	3,084,435	184,755	25,469,813	34,277,357
50 " 99 ".....	12	848	1,289,684	78,459	9,860,205	13,647,606
100 " 199 ".....	14	1,904	3,316,835	169,172	28,835,070	37,898,218
200 " 499 ".....	5	1,240	1,821,282	172,455	22,721,312	30,595,916
Totals.....	303	7,005	11,153,337	695,648	94,412,054	127,439,940

**41.—Principal Statistics of the Twenty-Five Leading Industries Classified by
Number of Employees per Establishment, 1947—concluded**

Industry and Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
23. Furniture—						
Under 5 employees.....	424	995	1,156,224	64,869	1,374,325	3,121,655
5 to 14 ".....	279	2,334	3,576,399	122,318	5,287,351	10,733,814
15 " 49 ".....	213	5,888	9,439,913	319,609	13,672,680	28,547,531
50 " 99 ".....	69	4,884	8,359,240	309,917	11,635,921	25,143,849
100 " 199 ".....	48	6,427	11,091,072	412,160	17,126,437	36,298,955
200 " 499 ".....	11	4,253	7,654,817	202,506	10,180,472	22,353,069
500 and over.....	2					
Totals.....	1,046	24,781	41,277,665	1,431,379	59,277,186	126,198,873
24. Printing and Publishing—						
Under 5 employees.....	341	866	1,061,715	93,852	379,258	2,065,712
5 to 14 ".....	235	1,862	2,831,523	131,231	984,076	5,446,702
15 " 49 ".....	105	2,705	4,550,845	144,816	1,956,967	9,828,228
50 " 99 ".....	44	3,111	5,946,980	155,651	3,155,884	15,153,612
100 " 199 ".....	23	3,121	6,504,347	139,944	3,022,129	16,086,600
200 " 499 ".....	13	3,872	7,620,708	198,923	6,483,240	23,817,506
500 and over.....	10	7,568	18,474,591	313,391	18,131,851	53,173,279
Totals.....	771	23,105	46,990,709	1,177,808	34,113,405	125,571,639
25. Feeds, Stock and Poultry—						
Under 5 employees.....	83	224	319,935	49,295	3,446,665	4,074,384
5 to 14 ".....	127	1,089	1,876,429	229,673	22,162,775	26,579,299
15 " 49 ".....	56	1,514	2,684,502	312,407	34,662,516	42,211,451
50 " 99 ".....	15	1,021	2,001,085	257,445	27,752,705	33,140,414
100 " 199 ".....	4	588	1,019,251	84,425	12,359,381	14,547,492
Totals.....	285	4,436	7,901,202	933,245	100,384,042	120,553,040

Subsection 5.—Power and Fuel

Power.—Power equipment installed in manufacturing establishments is a very good barometer of the industrial development of Canada, inasmuch as production is increasingly dependent on power equipment. Increases and decreases in productive capacity, measured in horse-power, are not the result of temporary fluctuations in costs and values in the same manner as capital investments, values of products, etc. Of course, power equipment installed is not a measure of the actual utilization of power for there is generally an excess over actual requirements, i.e., over power equipment in operation. Producers must have an installed operating margin in excess of normal requirements to provide for booming business conditions or breakdown of part of the plant; in times of depression this margin increases. During short periods of expanded production, the number of horse-power per wage-earner tends to decrease in view of the fact power equipment is not immediately increased, the expanded production being secured through overtime work or an increase in the number of shifts worked. Then too, the practice in factories, etc., of installing individual motors to each machine in place of large central motors increases total installed capacity. If spare or idle machinery could be deducted from total installation over a long period of time, the resultant data would be more informative. Reports of such spare or idle equipment are available, however, only since 1934, and the percentage of equipment not in regular use has been approximately the same each year, viz., about 6 or 7 p.c. Power equipment figures, unless such deductions can be made over a long term, will not reflect temporary depressions.

Electric motors in the manufacturing industries operated by purchased power are included with primary power equipment and consequently the central electric stations producing the power are not included as manufacturing industries. Electric motors operated by power generated within these industries are not included in Table 42 with the primary power equipment that produces the power to operate them but they are shown separately, together with the total of all electric motors for each year. These totals indicate the rate of growth of electric drive in these industries in Canada, which has increased from 61.3 p.c. of the total power equipment in 1923 to 80.0 p.c. in 1947.

Of the total increase in power equipment employed in manufacturing industries since 1939, 73.7 p.c. was in electric motors operated by power purchased from central electric stations. However, some sections of Canada are not well provided with water power and in such sections primary power derived from steam engines or turbines, and internal combustion engines—which include all gasoline engines, gas engines (natural, coal, and producer gas), and compression-ignition engines—has also increased rapidly during the period covered. During the period 1939-47 there was an increase of 9 p.c. in the capacity of water wheels, 27 p.c. in the capacity of steam engines, 45 p.c. in the capacity of electric motors, while internal combustion engines almost quadrupled during the same period.

In the Provinces of Prince Edward Island, Nova Scotia, New Brunswick, Saskatchewan, and Alberta, primary power produced from fuels is an important factor in power utilization.

Fuel and Electricity.—Fuel is used quite generally throughout the industrial field for the generation of power by means of steam and internal combustion engines. It is also used for the heating of plants, and for providing the heat necessary to some manufacturing processes. The most important industries where heat is applied to the materials to facilitate or accomplish the desired transformation are foundries and machine shops, brick, tile, lime, and cement-making, petroleum refining, the glass industry, distilleries, food preparation, rubber goods, etc. Fuel used for such heating purposes, as well as for power, is included in the figures of Table 43. In addition to the electricity used for ordinary power purposes, the figures include also the electricity used for heating boilers in the pulp and paper industry. Consumption of surplus energy in electric boilers increased rapidly during the years preceding the Second World War.

The figures of the table do not include coke charged to iron-blast furnaces or foundry cupolas. Neither do they include fuels that constitute the raw materials to be transformed as coal in the coke and gas industries and crude petroleum in the refining industry.

The value of fuel consumed increased 187 p.c. from 1939 to 1947. Part of the increase was due to an increase in the quantity used and part to the rise in the unit cost of fuels of all kinds. Electricity, on the other hand, has increased during the same period by 80 p.c. The groups of industries in which fuel was most extensively used in 1947 were: iron and its products, wood and paper products, non-ferrous metals and non-metallic mineral products.

Quebec is the largest user of electric power, having used 49.5 p.c. of the Dominion total in 1947.

42.—Power Equipment Installed in Manufacturing Industries, 1931-46 with Details by Provinces and Industrial Groups, 1947

Year and Province or Group	Steam Engines and Turbines	Internal Combustion Engines	Hydraulic Turbines and Water Wheels	Total	Electric Motors Operated by Purchased Power	Total Power Equipment	Electric Motors Operated by Power Generated by Establishments Reporting	Total Electric Motors
	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.
Totals, 1931	780,487	73,376	667,546	1,521,409	2,578,523	4,099,932	533,430	3,117,953
Totals, 1932	735,980	68,551	653,204	1,457,735	2,684,923	4,142,658	510,837	3,195,760
Totals, 1933	738,297	76,583	657,683	1,472,563	2,662,445	4,135,008	497,392	3,159,837
Totals, 1934	774,494	87,120	597,675	1,459,289	2,770,383	4,229,672	544,714	3,315,097
Totals, 1935	774,166	88,265	603,717	1,466,148	2,865,340	4,331,488	512,177	3,377,517
Totals, 1936	743,184	92,480	648,489	1,484,153	2,977,714	4,461,867	528,501	3,506,215
Totals, 1937	834,703	98,233	649,557	1,582,493	3,129,790	4,712,283	602,955	3,732,745
Totals, 1938	830,897	111,615	723,377	1,665,919	3,303,804	4,969,723	659,741	3,963,545
Totals, 1939	827,801	121,997	731,390	1,681,188	3,264,099	5,045,287	694,450	4,058,549
Totals, 1940	848,596	152,210	727,051	1,727,887	3,563,948	5,290,935	724,769	4,287,517
Totals, 1941	917,474	179,461	724,199	1,821,134	4,028,942	5,859,076	740,112	4,769,054
Totals, 1942	927,509	224,358	741,751	1,893,618	4,168,402	6,062,020	800,917	4,969,319
Totals, 1943	988,280	257,873	749,593	1,995,746	4,420,405	6,415,851	760,630	5,180,735
Totals, 1944	1,013,615	288,312	729,216	2,031,143	4,437,296	6,468,439	779,717	5,217,013
Totals, 1945	1,015,294	295,123	709,598	2,020,015	4,586,636	6,606,651	787,930	5,374,566
Totals, 1946	1,032,639	368,458	732,859	2,133,956	4,649,993	6,783,949	820,371	5,470,364
PROVINCE								
Prince Edward Island.....	1,166	2,716	1,552	5,434	1,672	7,106	1	1,673
Nova Scotia.....	72,294	27,964	14,984	115,242	146,928	262,170	14,594	161,522
New Brunswick....	86,579	22,141	23,886	132,606	153,703	286,309	58,038	211,741
Quebec.....	200,254	78,602	274,735	553,591	2,013,303	2,566,894	172,748	2,186,051
Ontario.....	459,122	123,845	269,234	852,201	2,161,614	3,013,815	377,916	2,539,530
Manitoba.....	18,214	12,320	190	30,724	172,187	202,911	5,262	177,449
Saskatchewan.....	12,765	19,945	—	32,710	37,763	70,473	227	37,990
Alberta.....	26,157	39,138	—	65,295	100,874	166,169	6,215	107,089
British Columbia..	171,168	126,157	213,880	511,205	311,498	822,703	169,063	480,561
Yukon and Northwest Territories	119	476	—	595	24	619	—	24
Totals, 1947	1,047,838	453,304	798,461	2,299,603	5,699,566	7,399,169	804,064	5,903,630
INDUSTRIAL GROUP								
Vetetable products	66,365	32,814	24,017	123,196	408,606	531,802	41,182	449,788
Animal products...	23,720	14,038	3,050	40,808	185,577	226,285	3,809	189,386
Textiles and textile products.....	26,077	3,684	25,609	55,370	263,976	319,346	30,048	294,024
Wood and paper products.....	574,160	307,577	623,993	1,505,730	2,020,649	3,526,379	606,795	2,627,444
Iron and its products.....	181,675	47,419	1,959	231,053	1,112,512	1,343,565	64,468	1,176,980
Non-ferrous metal products.....	32,597	7,969	4,400	44,966	555,489	600,455	11,535	567,024
Non metallic mineral products.....	60,046	22,141	883	83,070	270,999	354,069	10,588	281,587
Chemicals and allied products..	80,458	17,340	114,550	212,348	244,900	457,248	33,270	278,170
Miscellaneous industries.....	2,740	322	—	3,062	36,858	39,920	2,369	39,227

¹Includes "steam engines" 514,967 h.p. and "steam turbines" 532,871 h.p.

43.—Fuel and Electricity Used in Manufacturing Industries

Year and Province or Group	Bituminous Coal				Anthracite	
	Canadian		Imported			
	short tons	\$	short tons	\$	short tons	\$
Totals, 1932.....	1,578,341	8,433,592	2,255,296	12,004,969	135,947	1,002,634
Totals, 1933.....	1,499,715	7,571,912	2,026,113	10,770,107	145,017	1,033,154
Totals, 1934.....	1,812,712	9,220,235	2,123,376	12,151,844	166,242	1,166,745
Totals, 1935.....	1,889,364	9,681,361	2,135,592	12,427,515	173,188	1,194,905
Totals, 1936.....	2,122,583	10,886,270	2,383,166	13,683,753	176,869	1,274,078
Totals, 1937.....	2,907,671	15,643,467	2,828,519	16,255,262	173,993	1,253,376
Totals, 1938.....	2,484,071	13,553,411	2,455,613	14,266,262	152,194	1,107,168
Totals, 1939.....	2,893,613	15,744,444	2,262,378	13,386,496	167,465	1,151,278
Totals, 1940.....	3,306,682	19,381,414	3,204,513	19,707,934	171,271	1,347,910
Totals, 1941.....	3,121,155	19,940,895	4,689,123	31,835,408	189,189	1,540,230
Totals, 1942.....	3,469,131	24,312,873	5,301,273	38,940,599	236,494	2,126,707
Totals, 1943.....	2,971,872	21,853,184	6,510,494	50,089,082	265,537	2,372,290
Totals, 1944.....	2,538,345	19,785,479	7,336,983	55,667,410	228,795	2,231,277
Totals, 1945.....	2,262,325	17,339,081	6,221,434	51,584,560	214,975	2,094,925
Totals, 1946.....	2,278,560	18,058,067	5,794,992	48,211,575	179,133	1,812,744
PROVINCE						
Prince Edward Island.....	7,955	88,835	494	6,219	59	894
Nova Scotia.....	365,743	2,787,992	35,659	461,347	1,090	18,114
New Brunswick.....	451,743	4,309,873	81,660	995,538	4,051	44,031
Quebec.....	587,664	5,887,732	2,009,835	19,314,476	78,287	790,304
Ontario.....	228,662	2,114,858	4,788,673	41,237,882	73,152	822,624
Manitoba.....	162,957	1,429,532	9,775	108,471	13,988	189,654
Saskatchewan.....	97,994	818,876	131	1,677	443	4,107
Alberta.....	102,208	593,258	128	783	13	205
British Columbia.....	315,731	2,324,281	278	4,621	7,693	70,486
Yukon and North West Territories.....	200	3,800	—	—	—	—
Totals, 1947.....	2,320,857	20,359,037	6,926,633	62,131,014	178,776	1,940,419
INDUSTRIAL GROUP						
Vegetable products.....	189,281	1,704,583	724,075	6,654,531	55,553	674,277
Animal products.....	207,652	1,928,551	291,452	2,789,942	12,906	139,187
Textiles and textile products.....	140,324	1,355,538	445,486	4,299,819	26,115	244,016
Wood and paper products.....	756,200	7,034,323	2,312,882	21,625,513	27,563	273,579
Iron and its products.....	394,409	3,061,150	778,157	6,860,753	27,084	288,977
Non-ferrous metal products.....	232,371	2,005,907	789,462	7,015,255	3,881	44,520
Non-metallic mineral products.....	303,760	2,519,555	803,702	7,131,486	8,928	92,905
Chemicals and allied products.....	90,416	675,425	749,575	5,449,398	13,614	142,556
Miscellaneous industries.....	6,444	74,005	31,842	304,317	3,132	40,402

¹ Includes gasoline and kerosene purposes.² Includes fuel and electricity used in smelters for metallurgical

1932-46 with Details by Provinces and Industrial Groups, 1947

Lignite		Coke		Fuel Oils	Wood	Gas	Other Fuel ¹	Elec- tricity	Total
short tons	\$	short tons	\$	\$	\$	\$	\$	\$	\$
156,097	497,154	322,829	1,592,015	4,684,042	1,483,066	4,692,700	974,884	34,764,666	70,129,722
158,437	522,625	288,811	1,574,426	4,606,527	1,635,689	4,827,310	981,591	33,092,334	66,615,676
193,820	601,520	319,419	1,670,877	5,182,216	1,450,553	5,734,229	1,549,086	38,150,061	76,877,366
215,341	684,396	376,928	1,921,138	5,981,169	1,419,130	5,767,589	1,773,040	40,489,645	81,279,888
233,138	749,099	344,797	1,883,025	6,381,311	1,421,076	6,583,603	1,962,450	43,781,481	88,597,146
265,440	759,600	657,994	5,169,524	8,580,369	1,636,098	7,404,919	2,867,421	50,032,810	109,607,846
223,536	692,428	555,467	4,493,824	8,103,428	1,614,941	7,381,904	2,803,022	47,900,172	101,916,560 ²
238,698	740,593	596,077	4,870,875	8,560,418	1,562,119	7,891,892	3,155,016	50,509,121	107,572,252 ²
319,499	965,229	689,878	5,797,070	12,360,737	1,754,791	10,172,976	7,062,832	58,429,262	136,980,175 ²
366,010	1,177,180	728,871	6,388,461	17,734,137	1,896,184	12,554,559	9,819,759	71,754,501	174,641,317 ²
350,534	1,166,125	724,264	7,002,130	21,345,936	2,213,637	13,180,067	11,224,569	85,205,846	206,718,489 ²
345,359	1,085,734	752,916	7,260,866	22,402,629	2,469,573	15,198,110	11,272,877	91,950,030	225,954,375 ²
421,351	1,522,417	803,179	7,909,168	21,822,975	2,340,460	16,890,106	9,714,478	87,699,383	225,583,153 ²
425,293	1,525,867	801,706	7,606,247	21,333,878	2,229,111	15,078,350	9,592,233	83,999,865	212,384,120 ²
394,689	1,442,277	691,152	6,884,833	23,872,464	2,189,271	13,968,365	10,740,024	83,273,105	210,452,725 ²
22	308	108	1,936	6,775	7,726	—	35,378	45,695	193,766
197	2,427	10,838	89,474	808,123	45,313	1,553,058	444,890	1,718,957	7,929,695
11	193	2,539	29,271	546,947	142,341	29,953	428,124	1,860,740	8,387,011
71	645	128,627	1,593,117	10,926,244	948,700	3,399,524	3,733,227	45,001,923	91,595,892
1,242	17,241	498,318	5,511,681	17,601,018	464,755	9,596,545	5,921,989	32,472,176	115,760,769
243,405	954,250	11,339	149,999	673,588	144,241	203,128	501,283	2,466,271	6,820,417
59,081	240,230	760	5,581	657,421	49,527	306,533	248,572	1,190,134	3,522,658
72,858	195,061	1,769	20,761	199,373	14,793	1,046,321	484,721	1,884,392	4,439,668
5,774	41,987	104,282	1,057,410	5,458,329	155,379	357,166	2,209,831	4,231,767	15,911,257
—	—	—	—	93,789	7,957	—	18,879	4,121	128,546
382,661	1,452,342	758,580	8,459,230	36,971,607	1,980,732	16,492,228	14,026,894	90,876,176	254,689,679 ²
124,602	479,917	35,855	535,337	2,942,113	526,147	1,269,428	3,186,224	6,699,682	24,672,239
87,715	376,818	28,171	137,729	1,417,647	636,659	302,351	2,154,570	3,433,386	13,316,840
1,486	11,241	4,010	29,103	974,448	37,093	95,439	324,190	5,052,626	12,423,513
5,612	33,495	2,490	33,974	5,266,955	169,152	266,043	3,753,563	28,973,201	67,429,828
105,516	345,256	65,638	456,607	10,963,446	94,302	5,106,176	2,001,826	14,551,000	43,729,493
902	4,883	290,940	3,980,772	4,037,127	28,112	546,953	468,099	17,777,730	35,910,358
54,843	189,772	327,228	3,224,140	10,142,844	454,368	8,721,044	1,223,388	6,381,283	40,080,785
1,947	10,359	3,831	55,109	1,139,670	27,497	119,924	802,330	7,210,187	15,632,455
38	601	417	6,459	87,327	7,402	64,870	111,704	797,081	1,494,168

PART II.—PROVINCIAL AND LOCAL DISTRIBUTION OF MANUFACTURING PRODUCTION

This part of the Report is introduced by a general analysis of the concentration of the manufacturing industries in the provinces. In the sections that follow, the principal features of the manufactures of each province are brought out and finally the distribution of manufacturing throughout the principal cities and towns of the Dominion is shown.

Ontario and Quebec are by far the most important manufacturing provinces of Canada. Their combined production in 1947 amounted to \$7,920, 521, 948 or 79 p.c. of the total gross value of manufactured products. The proximity of Ontario to the coalfields of Pennsylvania, the water power and other varied resources of the provinces, and their nearness to the larger markets of Canada and the United States have all contributed to the above result.

Table 1 shows the outstanding predominance of Ontario and Quebec in each industrial group. Quebec leads in the manufacture of textiles, but in each of the other groups Ontario has the greater production. The standing of these two provinces is most nearly approached by British Columbia in the case of the wood and paper products group; the latter province accounts for 19 p.c. of the gross production of that group compared with 35 p.c. for Ontario and 34 p.c. for Quebec. In each of the other groups the positions of Ontario and Quebec lead by a wide margin.

1.—Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1947

Province and Group	Estab- lishments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Canada						
Vegetable products.....	6,032	144,290	241,154,208	1,102,727,365	654,939,477	1,782,339,081
Animal products.....	4,457	102,106	166,221,365	929,179,962	316,673,669	1,259,170,471
Textiles and textile products.....	3,216	176,065	268,104,889	560,634,708	488,983,044	1,062,041,265
Wood and paper products	12,985	248,450	460,371,353	895,117,041	991,750,398	1,954,298,347
Iron and its products....	2,469	263,482	559,968,501	871,965,295	939,220,774	1,854,915,562
Non-ferrous metal products.....	799	96,080	194,937,584	596,648,463	402,021,896	1,034,580,717 ^a
Non-metallic mineral products.....	943	39,212	79,146,075	323,687,397	199,351,736	563,119,918
Chemicals and allied products.....	1,031	38,491	77,479,719	205,541,145	228,786,192	449,959,792
Miscellaneous industries.	802	23,574	38,542,267	48,778,643	70,328,616	120,601,427
Totals.....	32,734	1,131,750	2,085,925,966	5,534,280,019	4,292,055,802	10,081,026,580
Prince Edward Island						
Vegetable products.....	36	225	243,735	1,014,868	424,171	1,480,780
Animal products.....	95	927	862,758	5,220,769	1,653,973	6,973,313
Wood and paper products	118	488	440,492	550,260	816,536	1,395,561
Iron and its products....	6	157	230,601	281,974	282,403	579,201
All other groups.....	5	109	160,878	1,542,461	672,270	2,224,596
Totals.....	260	1,906	1,938,467	8,610,332	3,849,353	12,653,451

^a Includes textiles, non-metallic minerals, and chemicals.

1.—Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1947—Continued

Province and Group	Estab- lishments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Nova Scotia						
Vegetable products.....	175	3,206	4,282,202	12,561,226	9,390,757	22,511,228
Animal products.....	237	4,281	5,238,516	24,903,811	11,103,514	36,572,915
Textiles and textile pro- ducts.....	26	2,738	3,271,726	7,474,866	6,311,394	14,032,931
Wood and paper products	925	8,202	10,901,068	22,092,746	22,633,109	46,324,719
Iron and its products....	72	9,992	18,507,894	22,174,914	26,840,738	51,809,736
Non-metallic mineral products.....	25	1,517	3,266,752	19,339,021	6,971,756	28,367,509
Chemicals and allied products.....	15	329	604,795	2,778,765	1,602,086	4,487,922
Miscellaneous industries.	5	20	40,083	28,872	82,163	112,473
Totals.....	1,480	30,285	46,113,036	111,354,221	84,935,517	204,219,433
New Brunswick						
Vegetable products.....	155	3,024	4,551,250	35,906,402	12,549,676	49,468,332
Animal products.....	206	3,421	4,208,311	18,413,746	8,905,184	27,839,653
Textiles and textile pro- ducts.....	19	2,236	2,960,623	5,261,729	5,790,862	11,306,020
Wood and paper products	609	10,134	17,155,078	43,074,272	39,326,649	88,018,400
Iron and its products....	36	3,879	8,166,516	7,619,636	11,575,092	19,742,684
Non-metallic mineral products.....	23	391	621,329	1,101,455	1,422,083	2,800,678
Chemicals and allied products.....	7	196	394,643	3,472,316	1,383,478	4,912,551
Miscellaneous industries ¹	6	900	1,525,643	1,641,887	2,534,960	4,278,120
Totals.....	1,061	24,181	39,583,393	116,491,443	83,487,984	208,366,438
Quebec						
Vegetable products.....	1,850	42,851	68,881,980	262,700,520	174,308,112	443,438,491
Animal products.....	1,827	33,678	48,649,433	231,487,536	85,141,483	319,833,537
Textiles and textile pro- ducts.....	1,826	97,121	145,374,422	307,596,659	267,865,018	582,389,476
Wood and paper products	4,124	78,144	143,899,771	308,304,894	323,049,533	663,213,157
Iron and its products....	543	67,938	141,518,288	158,980,041	215,122,715	382,727,426
Non-ferrous metal pro- ducts.....	221	29,657	58,494,759	167,550,617	116,967,559	301,522,697
Non-metallic mineral products.....	242	10,389	20,490,498	88,402,184	54,985,447	156,603,642
Chemicals and allied products.....	334	13,931	27,046,502	63,809,222	71,615,706	139,413,967
Miscellaneous industries	256	5,740	8,481,961	12,224,167	15,342,117	27,907,029
Totals.....	11,223	379,449	662,837,614	1,601,055,840	1,324,397,690	3,017,049,422
Ontario						
Vegetable products.....	2,523	72,316	125,420,860	548,458,453	342,988,513	903,328,879
Animal products.....	1,463	35,426	63,639,695	357,351,518	117,513,047	480,385,898
Textiles and textile pro- ducts.....	1,122	66,021	105,274,836	206,734,544	187,203,602	398,658,092
Wood and paper products	3,567	92,756	176,478,005	304,959,550	353,322,462	678,362,214
Iron and its products....	1,298	154,698	335,380,614	623,279,744	591,986,546	1,244,124,902
Non-ferrous metal pro- ducts.....	487	60,230	122,330,468	325,175,087	262,401,061	603,501,338
Non-metallic mineral products.....	453	20,062	41,478,473	136,329,636	107,657,343	262,302,070
Chemicals and allied products.....	530	20,259	41,479,219	116,005,580	124,627,955	250,185,950
Miscellaneous industries	417	15,813	26,494,544	33,403,191	48,313,655	82,623,183
Totals.....	11,860	537,581	1,037,976,714	2,651,697,573	2,136,014,184	4,903,472,526

¹ Includes non-ferrous metals.

1.—Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1947—concluded

Province and Group	Estab- lishments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
Manitoba	No.	No.	\$	\$	\$	\$
Vegetable products.....	285	5,679	9,278,821	59,422,007	26,832,524	87,598,527
Animal products.....	208	7,245	13,061,176	86,273,221	25,060,291	112,182,522
Textiles and textile products.....	116	5,043	7,008,757	22,461,809	13,444,152	36,051,189
Wood and paper products	540	7,850	13,072,146	21,193,614	27,667,044	50,000,677
Iron and its products....	108	10,263	20,846,569	24,487,749	29,722,998	55,595,719
Non-ferrous metal products.....	32	915	1,657,615	10,873,620	5,677,942	16,856,403
Non-metallic mineral products.....	43	1,251	2,191,603	7,583,793	6,202,503	15,813,113
Chemicals and allied products.....	37	631	1,079,517	3,928,939	3,295,714	7,302,723
Miscellaneous industries.	44	501	776,449	711,591	1,470,353	2,229,408
Totals.....	1,413	39,378	68,972,653	236,936,343	139,373,521	383,130,281
Saskatchewan						
Vegetable products.....	184	2,803	4,852,245	45,864,860	16,421,667	63,157,978
Animal products.....	96	3,473	6,160,519	48,365,027	12,954,655	61,896,750
Textiles and textile products.....	6	158	251,881	1,541,585	485,037	2,039,613
Wood and paper products	623	3,288	4,227,575	5,410,680	7,984,814	13,649,919
Iron and its products....	42	568	1,032,611	1,441,363	1,729,598	3,241,519
Non-metallic mineral products.....	33	896	1,885,750	24,256,163	1,591,456	26,884,583
Chemicals and allied products.....	9	100	171,920	409,601	528,254	952,139
Miscellaneous industries ¹	8	437	1,079,469	24,159,742	146,353	24,629,698
Totals.....	1,091	11,723	19,661,970	151,449,021	41,480,520³	196,452,190
Alberta						
Vegetable products.....	291	4,763	8,103,435	64,402,629	28,986,814	94,312,246
Animal products.....	145	5,297	9,548,735	81,501,958	15,931,942	98,125,197
Textiles and textile products.....	29	846	1,111,496	2,571,871	2,353,727	4,943,153
Wood and paper products	733	6,592	9,748,607	19,523,662	19,152,260	39,221,355
Iron and its products....	84	3,423	6,955,768	6,904,446	9,213,829	16,439,328
Non-ferrous metal products.....	8	60	120,986	490,632	265,244	763,057
Non-metallic mineral products.....	56	2,350	4,391,015	25,462,780	9,337,131	36,097,604
Chemicals and allied products.....	22	511	1,063,581	1,359,674	3,681,136	5,662,761
Miscellaneous industries.	14	99	202,548	106,384	367,742	489,428
Totals.....	1,382	23,941	41,216,171	202,324,036	89,289,825	296,051,129
British Columbia						
Vegetable products.....	529	9,414	15,525,269	72,371,517	43,017,159	116,992,643
Animal products.....	180	8,358	14,852,222	75,662,376	38,409,580	115,360,686
Textiles and textile products.....	70	1,852	2,789,192	6,300,927	5,286,216	11,682,821
Wood and paper products	1,740	40,980	84,428,835	169,983,348	197,762,265	374,049,041
Iron and its products....	279	12,522	27,237,308	29,787,719	52,654,523	80,545,965
Non-ferrous metal products.....	47	4,432	10,654,403	68,088,339	16,332,006	86,358,412
Non-metallic mineral products.....	66	2,272	4,623,663	20,573,642	10,770,921	33,587,182
Chemicals and allied products.....	75	2,485	5,557,896	12,940,492	21,668,343	35,817,680
Miscellaneous industries.	54	846	1,613,879	962,817	2,801,165	3,890,162
Totals.....	3,040	83,161	167,282,667	453,670,677	388,702,178	858,284,592
Yukon and N.W.T.						
Vegetable products.....	4	9	14,408	24,883	20,084	49,977
Wood and paper products	6	16	19,781	24,015	35,726	63,304
All other groups ²	4	120	279,092	641,635	469,220	1,230,828
Totals.....	14	145	313,281	690,533	525,030	1,344,109

¹ Includes non-ferrous metals.² Includes iron and its products, non-ferrous metal products, non-metallic mineral products, and miscellaneous industries.³ Due to interprovincial transfer of materials for further processing, the non-ferrous metal products group reported a loss of \$361,314.

SIZE OF MANUFACTURING ESTABLISHMENT IN EACH PROVINCE 87

The degree of concentration of manufacturing production in large units is illustrated in Table 2. In the Provinces of Quebec and Ontario 37 p.c. of all persons engaged in manufacturing were employed in establishments having 500 or more employees, as compared with 34 p.c. for Canada as a whole. Nova Scotia ranked third with 32 p.c., followed by New Brunswick with 28 p.c., British Columbia 25 p.c., Manitoba 22 p.c., and Alberta 13 p.c. There were no plants in either Prince Edward Island or Saskatchewan with an employment of 500 or more persons.

2.—Concentration of Manufacturing Production in Each Province, 1947

Province	Number of Establishments Employing 500 or More Persons	Percentage of Total Number of Establishments in Province	Provincial Percentage of Number of Employees Accounted for by these Establishments
Prince Edward Island.....	—	...	...
Nova Scotia.....	11	0.7	32.3
New Brunswick.....	8	0.7	27.7
Quebec.....	109	1.0	37.1
Ontario.....	177	1.5	37.1
Manitoba.....	6	0.4	22.0
Saskatchewan.....	—	...	...
Alberta.....	4	0.3	13.0
British Columbia.....	22	0.7	25.1
Yukon and N.W.T.....	—	...	...
Canada.....	337	1.0	34.4

3.—Principal Statistics of Manufacturing Industries of Each Province, Classified by Number of Employees per Establishment, 1947

Province and Group	Estab-lish-ments	Em-ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Canada—						
Under 5 employees.....	14,438	34,310	33,974,978	4,350,933	169,856,511	246,343,065
5 to 14 ".....	8,778	73,010	107,205,375	8,202,907	322,560,697	537,748,082
15 to 49 ".....	5,655	151,603	246,751,552	16,415,694	674,953,358	1,182,811,960
50 " 99 ".....	1,785	125,691	215,041,622	15,090,070	577,832,774	1,028,815,561
100 " 199 ".....	1,064	149,491	262,383,705	23,480,199	742,595,477	1,324,494,492
200 " 499 ".....	677	208,150	390,613,254	51,253,514	1,086,651,870	2,004,840,720
500 and over.....	337	389,495	829,955,480	135,897,442	1,959,829,332	3,755,972,700
Totals.....	32,734	1,131,750	2,085,925,966	254,690,759	5,534,250,019	10,081,026,580
Prince Edward Island—						
Under 5 employees.....	165	385	209,480	32,018	1,587,566	2,161,382
5 to 14 ".....	59	509	448,816	52,241	1,753,632	2,640,116
15 " 49 ".....	33	762	876,230	76,489	3,976,642	5,734,315
50 " 99 ".....	2	250	403,941	33,018	1,292,492	2,117,638
100 " 199 ".....	1					
Totals.....	260	1,906	1,938,467	193,766	8,610,332	12,653,451
Nova Scotia—						
Under 5 employees.....	730	1,731	1,178,612	129,608	5,293,646	7,976,682
5 to 14 ".....	449	3,825	4,467,113	343,896	13,478,389	23,140,761
15 " 49 ".....	207	5,449	7,240,373	653,118	20,964,190	34,701,774
50 " 99 ".....	50	3,655	5,833,830	773,688	12,019,726	23,295,803
100 " 199 ".....	24	3,370	5,029,130	553,147	10,240,936	20,605,030
200 " 499 ".....	9	2,472	4,406,041	1,096,325	9,770,023	21,622,741
500 and over.....	11	9,783	17,957,937	4,379,913	39,587,311	72,876,642
Totals.....	1,480	30,285	46,113,036	7,929,695	111,354,221	204,219,433

3.—Principal Statistics of the Manufacturing Industries of Each Province classified by Number of Employees per Establishment, 1947—continued.

Province and Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
New Brunswick—						
Under 5 employees.....	505	1,233	879,935	122,667	3,228,713	5,152,822
5 to 14 ".....	317	2,561	3,005,199	301,569	8,430,194	14,902,879
15 " 49 ".....	161	4,015	5,329,790	351,851	20,500,845	30,998,325
50 " 99 ".....	42	2,979	4,375,944	554,036	14,238,034	23,366,802
100 " 199 ".....	12	1,648	2,481,922	208,304	5,234,388	11,729,410
200 " 499 ".....	16	5,042	8,951,700	1,693,688	23,132,119	44,581,536
500 and over.....	8	6,703	14,558,903	5,154,896	41,727,150	77,634,664
Totals.....	1,061	24,181	39,583,393	8,387,011	116,491,443	208,366,438
Quebec—						
Under 5 employees.....	5,345	12,421	12,700,895	1,549,738	71,365,602	100,478,973
5 to 14 ".....	2,736	22,731	32,194,878	2,086,790	92,571,191	157,955,934
15 " 49 ".....	1,929	52,202	79,893,536	4,302,220	193,742,097	353,665,784
50 " 99 ".....	575	40,228	63,067,264	3,928,111	159,766,426	288,838,787
100 " 199 ".....	325	45,703	74,658,936	6,373,056	208,534,211	367,925,690
200 " 499 ".....	204	65,132	115,921,871	19,938,636	342,537,841	617,485,889
500 and over.....	109	141,032	284,400,234	53,417,341	532,538,472	1,130,698,365
Totals.....	11,223	379,449	662,837,614	91,595,892	1,601,055,840	3,017,049,422
Ontario—						
Under 5 employees.....	4,514	10,781	11,775,480	1,678,186	68,144,480	95,322,349
5 to 14 ".....	3,242	27,250	42,195,440	3,143,414	119,439,971	202,197,417
15 " 49 ".....	2,254	60,790	104,405,494	7,605,731	293,675,978	514,176,516
50 " 99 ".....	782	55,416	98,346,254	6,522,501	246,149,101	445,524,078
100 " 199 ".....	533	75,131	135,099,171	11,233,571	345,672,444	634,620,799
200 " 499 ".....	358	108,866	206,639,328	20,737,077	450,815,567	920,291,497
500 and over.....	177	199,347	439,515,547	64,840,289	1,127,800,032	2,091,339,870
Totals.....	11,860	537,581	1,637,976,714	115,760,769	2,651,697,573	4,903,472,526
Manitoba—						
Under 5 employees.....	613	1,481	1,427,137	181,120	5,478,259	8,505,260
5 to 14 ".....	382	3,216	4,875,643	456,134	24,628,888	34,787,302
15 " 49 ".....	256	6,917	10,672,222	803,906	34,676,391	56,105,435
50 " 99 ".....	87	6,040	9,910,419	706,899	29,192,521	50,740,393
100 " 199 ".....	44	6,228	10,937,500	2,035,208	45,744,375	76,090,995
200 " 499 ".....	25	6,842	13,229,014	1,770,909	41,998,932	77,357,229
500 and over.....	6	8,654	17,920,718	866,241	55,216,977	79,543,667
Totals.....	1,413	39,378	68,972,653	6,820,417	236,936,343	383,130,281
Saskatchewan—						
Under 5 employees.....	623	1,393	934,687	128,217	2,199,512	4,063,126
5 to 14 ".....	247	2,019	2,951,978	444,953	18,216,751	25,322,150
15 " 49 ".....	87	2,245	3,875,110	442,080	19,956,326	28,561,759
50 " 99 ".....	25	1,781	3,177,538	337,454	10,550,994	20,155,583
100 " 199 ".....	10	1,187	2,089,524	391,091	19,251,519	25,291,261
200 " 499 ".....	9	3,098	6,633,133	1,778,863	81,273,919	93,058,320
Totals.....	1,001	11,723	19,661,970	3,522,658	151,419,621	196,452,199
Alberta—						
Under 5 employees.....	687	1,659	1,531,303	195,487	6,402,182	9,801,426
5 to 14 ".....	428	3,250	4,716,914	491,895	21,154,043	31,397,911
15 " 49 ".....	175	4,509	7,416,925	572,282	24,146,431	39,895,847
50 " 99 ".....	48	3,329	6,121,356	498,572	32,539,095	47,733,085
100 " 199 ".....	29	4,073	7,419,210	933,421	42,775,314	62,445,661
200 " 499 ".....	11	3,996	7,804,500	1,416,935	38,557,053	53,764,943
500 and over.....	4	3,125	6,235,963	331,676	36,749,918	46,015,256
Totals.....	1,382	23,941	41,246,171	4,440,268	202,324,036	296,054,129

3.—Principal Statistics of the Manufacturing Industries of Each Province, classified by Number of Employees per Establishment, 1947—concluded

Province and Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
British Columbia—						
Under 5 employees.....	1,244	3,197	3,296,216	324,749	6,096,993	12,747,028
5 to 14 ".....	918	7,649	12,349,394	882,015	22,887,638	45,403,612
15 " 49 ".....	552	14,672	26,949,540	1,598,976	63,306,749	118,863,123
50 " 99 ".....	173	12,054	23,808,464	1,647,478	72,625,824	127,589,139
100 " 199 ".....	86	12,036	24,485,208	1,730,352	63,977,585	124,138,889
200 " 499 ".....	45	12,702	27,027,667	2,821,081	98,566,416	171,678,565
500 and over.....	22	20,851	49,366,178	6,907,086	126,209,472	257,864,236
Totals.....	3,040	83,161	167,282,667	15,911,737	453,670,677	858,284,592
Yukon and Northwest Territories—						
Under 5 employees.....	12	145	313,281	128,546	690,533	1,344,109
15 to 49 ".....	1					
50 " 99 ".....	1					
Totals.....	14	145	313,281	128,546	690,533	1,344,109

Section 1.—The Manufactures of the Maritime Provinces, 1947

In Prince Edward Island the predominant fishing and agricultural resources make fish-curing and packing and butter and cheese the leading manufactures of the Province. Nova Scotia is renowned for its coal mines and its fisheries as well as extensive forests and agricultural lands and is favoured with easy access by sea to the high-grade iron-ore supply of Newfoundland. On these resources are based the leading manufactures of fish-curing and packing, primary iron and steel, sawmills, shipbuilding and repairs, pulp and paper, and butter and cheese. In addition important petroleum refineries and coke and gas plants add to the diversification of manufacturing in the Province. The forests of New Brunswick give a leading place to its pulp and paper and sawmilling industries, while fish and agricultural products add to the varied output. Sugar refining and the production of railway rolling-stock also form important branches of manufacturing production.

4.—Statistics of the Leading Industries of the Maritime Provinces, 1947

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
PRINCE EDWARD ISLAND						
	No.	No.	\$	\$	\$	\$
1 Fish curing and packing.....	68	638	465,798	1,910,070	782,427	2,733,805
2 Butter and cheese.....	24	156	189,781	2,130,430	386,356	2,551,600
3 Sawmills.....	97	231	103,954	325,855	324,055	661,504
4 Printing and publishing.....	4	137	202,314	84,842	304,399	398,270
5 Fruit and vegetable preparations..	3	52	49,670	267,483	93,164	370,309
6 Bread and other bakery products.	14	84	86,802	190,774	136,088	338,285
7 Feeds, stock and poultry.....	3	13	16,236	200,654	21,127	224,973
8 Flour and feed mills.....	7	11	8,123	167,327	34,660	203,706
9 Other leading industries.....	9	326	494,326	3,046,466	1,302,042	4,396,411
Totals, Leading Industries.	229	1,648	1,617,004	8,323,901	3,384,318	11,878,863
Totals, All Industries.....	260	1,906	1,938,467	8,610,332	3,849,353	12,653,451

4.—Statistics of the Leading Industries of the Maritime Provinces, 1947—Concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
NOVA SCOTIA						
	No.	No.	\$	\$	\$	\$
1 Fish curing and packing.....	191	3,441	3,990,895	18,319,869	8,034,873	26,739,279
2 Primary iron and steel.....	5	4,340	7,118,964	11,948,534	7,268,098	21,175,210
3 Sawmills.....	652	3,996	3,930,939	11,210,639	8,274,114	19,654,834
4 Shipbuilding and repairs.....	23	3,024	6,334,361	3,412,032	10,318,518	13,972,848
5 Pulp and paper.....	5	973	2,509,099	4,045,284	6,749,029	11,997,897
6 Butter and cheese.....	26	572	884,990	5,183,092	2,262,768	7,578,575
7 Fruit and vegetable preparations.	24	927	1,116,258	3,685,747	1,989,117	5,874,576
8 Planing mills, sash and door fac- tories.....	66	961	1,223,412	3,202,987	1,878,424	5,163,666
9 Railway rolling-stock.....	3	745	1,462,730	2,900,231	1,888,431	4,972,385
10 Confectionery, cocoa, etc.....	7	771	837,592	2,437,245	2,447,151	4,945,382
11 Bread and other bakery products.	94	755	1,092,313	2,429,519	1,995,836	4,599,369
12 Hosiery and knitted goods.....	4	1,043	1,141,548	2,215,751	2,304,658	4,598,315
13 Printing and publishing.....	33	887	1,501,116	826,713	2,963,681	3,849,182
14 Iron and steel products, n.e.s.....	3	532	1,051,861	1,737,277	1,636,461	3,586,652
15 Foods, miscellaneous.....	8	163	232,393	1,696,867	574,122	2,284,238
16 Other leading industries ¹	5	1,804	3,856,042	21,206,365	10,044,941	33,091,849
Totals, Leading Industries.....	1,149	24,934	38,284,513	96,458,152	70,630,222	174,084,257
Totals, All Industries.....	1,480	30,285	46,113,036	111,354,221	84,935,517	204,219,433
NEW BRUNSWICK						
	No.	No.	\$	\$	\$	\$
1 Pulp and paper.....	5	3,493	8,509,051	23,126,060	23,123,275	51,459,098
2 Sawmills.....	441	3,600	4,224,435	12,047,018	8,406,327	20,608,327
3 Fish curing and packing.....	153	2,324	2,568,064	9,002,911	5,205,012	14,548,627
4 Foods, miscellaneous.....	7	353	476,066	9,561,959	1,870,097	11,446,906
5 Butter and cheese.....	31	429	585,608	4,798,081	1,470,665	6,382,289
6 Fertilizers.....	3	176	360,637	3,417,745	1,278,375	4,743,604
7 Planing mills, sash and door fac- tories.....	57	1,022	1,406,941	2,801,017	1,866,660	4,732,741
8 Slaughtering and meat packing...	4	250	480,676	3,423,263	1,149,915	4,618,102
9 Bread and other bakery products.	82	789	1,124,565	2,415,832	1,926,418	4,522,112
10 Heating and cooking apparatus...	3	768	1,353,752	1,477,593	2,826,060	4,375,643
11 Feeds, stock and poultry.....	7	134	234,977	3,445,302	415,779	3,882,038
12 Printing and publishing.....	19	501	818,360	417,880	1,746,445	2,200,250
13 Biscuits and crackers.....	3	325	412,847	1,030,672	947,119	2,008,862
14 All other leading industries ¹	11	5,524	10,803,731	26,939,084	20,274,989	48,550,590
Totals, Leading Industries.....	826	19,688	33,359,710	103,903,817	72,507,136	184,079,099
Totals, All Industries.....	1,061	24,181	39,553,393	116,491,443	83,487,984	208,366,438

¹ Individual statistics cannot be given because there are fewer than three establishments in each industry. Such industries are: in Prince Edward Island—starch and glucose, castings and forgings, sheet metal products, fertilizers, cotton and jute bags and slaughtering and meatpacking; in Nova Scotia—cotton yarn and cloth, wire, coke and gas, and petroleum products; in New Brunswick—sugar refineries, railway rolling-stock, cotton yarn and cloth, synthetic textiles and silk, veneer and plywoods, breweries, shipbuilding, and brooms, brushes and mops.

Section 2.—The Manufactures of Quebec, 1947

Quebec contributes about 30 p.c. of the total value of manufactured products of Canada. Quebec's forests, water powers, minerals, and agricultural lands, and also its geographic position astride the St. Lawrence estuary permitting sea-going vessels to reach its main centres of population are among the assets that have tended to develop manufacturing industries. In addition, Quebec has a stable and industrious population, which is an important factor in industries such as textiles, clothing, leather boots and shoes, etc., where a large labour force is required.

The production of pulp and paper occupies the premier position, accounting for about 11 p.c. of the gross value of Quebec manufactures and about 49 p.c. of the Canadian total for this industry. Other industries in which Quebec predominates are: tobacco, cigars and cigarettes with 91 p.c. of the Dominion total; cotton yarn and cloth 70 p.c.; synthetic textiles and silk 67 p.c.; women's factory clothing 67 p.c.; leather boots and shoes 62 p.c.; men's factory clothing 59 p.c.; fur goods 49 p.c.; railway rolling-stock 48 p.c.; and hosiery and knitted goods 42 p.c. Quebec is an outstanding manufacturing province by reason of her large individual industries and not so much on account of a great diversification of manufacturing activity.

5.—Statistics of the Leading Industries of the Province of Quebec, 1947

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1 Pulp and paper.....	50	23,675	60,623,167	145,897,450	171,518,364	346,119,699
2 Non-ferrous metal smelting and refining.....	7	6,203	13,756,423	87,608,089	42,319,706	145,131,521
3 Clothing, women's factory.....	742	20,300	31,740,627	62,218,864	60,697,014	123,177,572
4 Cotton yarn and cloth.....	17	16,388	24,050,091	73,288,526	35,809,571	111,477,647
5 Clothing, men's factory.....	360	16,180	24,430,615	57,860,461	50,096,012	108,220,280
6 Electrical apparatus and supplies.....	64	16,285	31,556,880	40,308,265	51,657,107	92,803,880
7 Slaughtering and meat packing.....	36	3,364	6,607,374	73,237,752	11,523,512	85,423,378
8 Tobacco, cigars and cigarettes.....	50	8,332	12,564,679	44,680,956	39,236,061	84,190,188
9 Butter and cheese.....	894	4,714	6,427,061	69,108,107	12,412,740	82,931,146
10 Petroleum products.....	6	1,717	3,974,857	58,365,300	16,706,155	78,487,072
11 Railway rolling-stock.....	10	13,339	28,979,017	33,652,629	40,527,963	76,053,620
12 Sawmills.....	2,051	11,613	13,570,091	46,089,961	27,326,597	73,898,677
13 Boots and shoes, leather.....	191	13,998	18,588,133	36,461,093	28,201,814	64,956,419
14 Synthetic textiles and silk.....	30	10,388	16,644,510	23,122,953	32,371,580	56,965,970
15 Hosiery and knitted goods.....	109	10,835	14,701,209	23,908,881	28,700,149	53,154,805
16 Machinery.....	56	9,608	19,385,205	20,330,148	31,913,657	53,073,397
17 Shipbuilding and repairs.....	10	9,321	20,904,188	24,262,136	24,386,091	49,338,677
18 Bread and other bakery products.....	1,075	8,544	12,314,395	21,807,030	20,812,338	44,122,883
19 Furniture.....	345	8,507	13,625,584	21,155,999	22,332,498	44,002,973
20 Feeds, stock and poultry.....	74	1,043	1,847,265	31,409,683	5,745,959	37,348,221
21 Aircraft.....	5	6,774	15,320,174	13,287,604	21,720,018	35,500,827
22 Foods, miscellaneous.....	77	1,548	2,625,269	23,648,898	9,996,911	33,901,674
23 Sheet metal products.....	58	5,184	9,411,427	17,495,351	15,693,901	33,612,393
24 Rubber goods, including rubber footwear.....	19	6,639	10,815,334	14,057,340	18,824,461	33,408,129
25 Breweries.....	8	3,466	7,829,919	8,099,214	23,284,235	32,020,802
26 Medicinal and pharmaceutical preparations.....	90	3,437	6,397,533	12,222,854	18,832,885	31,381,842
27 Printing and publishing.....	73	5,556	11,026,994	8,540,485	21,007,930	29,800,235
28 Brass and copper products.....	39	3,235	6,258,089	19,652,234	8,916,355	29,137,399
29 Planing mills, sash and door factories.....	580	5,138	7,077,106	16,765,258	11,420,975	28,570,629
30 Flour and feed mills.....	162	1,063	2,051,330	24,831,408	3,992,020	28,508,663
31 Fur goods.....	287	3,022	5,343,408	18,617,565	9,774,037	28,476,537
32 Paints, pigments and varnishes.....	35	2,418	4,597,946	15,016,007	11,954,020	27,187,752
33 Boxes and bags, paper.....	48	3,877	5,436,755	15,443,978	10,685,880	26,304,077
34 Primary iron and steel.....	13	3,804	8,105,153	7,877,675	14,785,145	24,743,928
35 Acids, alkalies, salts, etc.....	9	2,437	5,748,663	9,547,384	12,525,109	24,525,971
36 Printing and bookbinding.....	466	5,866	10,218,584	8,525,360	15,659,471	24,436,315
37 Castings, iron.....	54	4,325	8,720,615	10,083,110	13,387,356	24,017,609
38 Woollen cloth.....	38	3,183	4,993,496	12,388,744	10,404,550	23,203,875
39 Miscellaneous paper goods.....	67	2,306	3,597,437	13,717,372	9,042,385	22,937,212
40 Aerated and mineral waters.....	163	2,184	3,685,937	7,965,853	14,270,921	22,628,013
Totals, Leading Industries.....	8,463	289,816	515,552,549	1,272,557,977	1,029,873,453	2,375,181,907
Totals, All Industries.....	11,223	379,449	662,837,614	1,691,055,840	1,324,397,690	3,017,049,422
Percentage of Leading Industries to All Industries.....	75.4	76.3	77.7	79.4	77.7	78.7

NOTE.—Sugar refining is also one of the leading industries; statistics cannot be published because there are fewer than three establishments.

Section 3.—The Manufactures of Ontario, 1947

The gross value of the manufactured products of Ontario in 1947 represented about 49 p.c. of the total for all Canada. This premier position in manufacturing has been fairly uniformly maintained by Ontario, as the following percentages show: 1926, 52 p.c.; 1918, 53 p.c.; 1910, 50 p.c.; 1900, 50 p.c.; 1890, 51 p.c.; and 1880, 51 p.c. In spite of the rapid industrial development in recent years in other provinces, such as Quebec, British Columbia and Manitoba, Ontario has maintained a manufacturing production roughly equal to that of the remainder of the Dominion.

The geographic position of Ontario on the Great Lakes waterway system, by means of which the iron ore of Minnesota and the coal of Pennsylvania are readily accessible; the wide range of natural resources of forests, minerals, water powers, and agriculture; a large population and excellent water and rail transportation facilities to other parts of the country, have all encouraged industrial development. Other factors have been proximity to one of the most densely populated sections of the United States and the establishment within the Province of branch factories of such United States industries as automobile manufacturing.

Industries producing capital or durable goods, which constitute an important factor in the manufactures of Ontario, were particularly hard hit during the early years of the depression preceding the Second World War. Thus, production was disproportionately curtailed in such important industries as automobiles, electrical equipment, machinery, agricultural implements, primary iron and steel, etc. This resulted in a lowering of the manufacturing production of the whole Province relatively to that of other provinces less affected by these influences. With the recovery since 1933 and the expansion in production resulting from the Second World War these industries in general have made good recovery, and Ontario, which accounted for 49 p.c. of the gross value of all products manufactured in the Dominion in 1933, had by 1942 increased the relative value to 50.5 p.c. In 1947 the percentage dropped again to 48.6, thus indicating a relatively greater expansion of production in other provinces.

Ontario also has the greatest diversification of manufacturing production of any province. Certain industries, such as the manufacture of automobiles, agricultural implements, starch, bicycles and carpets, are carried on practically in this province alone. Other important industries in which Ontario leads, with the percentage which the production of each bears to that of the 1947 Canada total are: miscellaneous non-ferrous metal products 97, abrasives 90, soaps and washing compounds 89, leather tanneries 86, rubber goods 83, cordage, rope and twine 80, woollen yarn 80, clay products from imported clay 78, primary iron and steel 76, electrical apparatus and supplies 73, aluminum products 71, salt 70, toilet preparations 61, coke and gas products 61, acids, alkalies and salts 56, flour and feed mills 54, hosiery and knitted goods 52, glass and glass products 49, and furniture 48.

6.—Statistics of the Leading Industries of the Province of Ontario, 1947

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1 Automobiles.....	6	23,281	57,390,707	222,842,444	109,754,638	334,887,403
2 Electrical apparatus and supplies...	198	35,518	70,743,494	119,228,146	146,043,180	267,878,980
3 Pulp and paper.....	45	16,927	44,235,111	96,525,344	115,462,734	227,692,596
4 Non-ferrous metal smelting and refining.....	7	7,192	16,777,205	123,405,420	57,590,354	191,998,509
5 Slaughtering and meat packing...	64	7,661	16,709,239	157,492,323	27,794,159	186,480,658
6 Flour and feed mills.....	629	4,515	7,762,456	153,844,652	20,429,532	175,424,479
7 Primary iron and steel.....	26	17,658	42,691,676	83,204,961	67,258,929	164,756,235
8 Rubber goods, including rubber footwear*	33	16,795	35,725,496	68,851,556	91,768,723	162,786,412
9 Machinery.....	202	17,417	36,376,751	47,197,009	81,711,063	130,059,653
10 Automobile supplies.....	82	16,424	34,660,883	63,201,359	61,359,659	126,560,499
11 Butter and cheese.....	763	8,743	14,329,556	85,527,472	27,700,109	115,265,313
12 Petroleum products.....	15	3,454	8,053,482	77,400,848	28,811,725	111,856,345
13 Fruit and vegetable preparations...	232	10,396	13,937,562	52,873,425	41,326,786	95,430,922
14 Agricultural implements.....	37	15,083	29,718,675	47,621,550	36,020,539	85,032,848
15 Sheet metal products.....	131	10,499	20,019,221	39,460,812	35,967,978	76,462,397
16 Bread and other bakery products.	1,040	14,590	22,507,717	34,729,993	36,883,443	73,935,647
17 Castings, iron.....	102	11,499	24,999,140	22,791,259	42,582,754	67,223,559
18 Hosiery and knitted goods.....	136	13,840	18,823,901	31,390,340	33,964,074	66,109,634
19 Brass and copper products.....	94	6,302	13,298,763	38,413,526	23,118,486	62,416,117
20 Furniture.....	394	12,426	21,343,686	27,820,154	32,503,957	61,042,762
21 Printing and publishing.....	296	10,227	22,229,346	17,432,885	42,849,053	60,796,603
22 Leather tanneries.....	30	4,616	9,077,316	39,650,014	19,285,401	59,850,997
23 Clothing, men's factory.....	142	9,922	16,606,794	29,372,287	25,506,718	55,045,777
24 Hardware, tools and cutlery.....	203	10,295	20,354,506	18,300,707	35,345,377	54,675,796
25 Printing and bookbinding.....	637	10,723	18,574,057	20,166,297	32,082,908	52,666,972
26 Boxes and bags, paper.....	90	6,920	11,558,255	29,180,037	22,014,048	51,596,622
27 Tobacco processing and packing...	10	1,081	1,756,085	45,874,044	5,364,446	51,359,981
28 Sawmills.....	1,102	8,381	11,110,359	27,896,904	22,872,976	51,170,386
29 Foods, miscellaneous.....	130	3,603	5,929,628	34,950,333	15,375,187	50,610,377
30 Miscellaneous paper products.....	105	5,216	9,058,106	27,901,038	21,552,544	49,091,200
31 Feeds, stock and poultry.....	104	1,907	3,469,617	40,490,397	7,755,115	48,684,007
32 Clothing, women's factory.....	352	8,279	14,963,169	23,560,790	24,250,182	47,939,332
33 Soaps, washing compounds, etc.....	73	2,542	5,563,493	26,084,689	20,489,323	47,226,137
34 Confectionery, cocoa, etc.....	76	5,338	7,648,328	23,732,760	20,430,870	44,594,917
35 Coke and gas products.....	18	3,036	6,349,822	26,270,806	14,715,263	44,309,703
36 Miscellaneous chemical products...	108	3,693	7,884,172	22,774,332	18,990,950	44,116,006
37 Breweries.....	22	3,120	7,349,587	9,885,806	32,331,873	42,820,074
38 Cotton yarn and cloth.....	25	6,402	9,480,349	22,256,459	16,162,265	39,061,618
39 Woollen cloth.....	43	6,150	9,711,420	21,015,708	16,972,084	38,613,188
40 Railway rolling-stock.....	15	5,447	12,287,489	17,153,140	20,714,272	38,571,423
Totals, Leading Industries.....	7,817	387,118	761,066,619	2,117,772,026	1,553,113,677	3,756,102,084
Totals, All Industries.....	11,869	537,581	1,037,976,714	2,651,637,573	2,136,014,184	4,903,472,526
Percentage of Leading Industries to All Industries.....	65.9	72.1	73.3	79.9	72.7	76.6

* Synthetic rubber was transferred in 1947 from the rubber industry in the vegetable products group to the miscellaneous chemical industry in the chemical products group.

Section 4.—The Manufactures of the Prairie Provinces, 1947

The leading industries of the Prairie Provinces are those based on agricultural resources—grain-growing, cattle-raising and dairying areas. Next in importance, generally, are industries providing for the more necessary needs of the resident population, such as the baking of bread, printing and publishing, etc. The extensive railway services require large shops for the maintenance of rolling-stock, especially in the Winnipeg area. The widespread use of motor-vehicles and power machinery on farms has given rise to petroleum refineries in each province. The greatly increased production of crude petroleum in Alberta seems likely to lead to further development of the refining industry. Manitoba, as the early commercial centre of the prairies, has had a greater industrial development than either of the other

provinces. Its natural resources of accessible water powers, forests and, more recently, minerals, have given rise to quite a diversification of industrial production.

Considering the Prairie Provinces as an economic unit, slaughtering and meat packing had the largest gross value of production in 1947, amounting to \$178,235,386, followed by flour and feed mills with \$119,264,565, butter and cheese \$75,351,366, and petroleum products \$57,649,999. These four industries accounted for 49 p.c. of the total production of the Prairie Provinces. Other leading industries, in the order of importance, were: railway rolling-stock, breweries, bread and other bakery products, sawmills, printing and publishing, stock and poultry feeds, planing mills, men's factory clothing, miscellaneous foods, cotton and jute bags, etc.

1.—Statistics of the Leading Industries of the Prairie Provinces, 1947

Industry	Estab-lish-ments	Em-ployees	Salaries and wages	Cost of Materials Used	Net Value of Products	Gross Value of Products
MANITOBA						
	No.	No.	\$	\$	\$	\$
1 Slaughtering and meat packing...	13	3,788	7,577,736	59,811,353	14,667,609	74,917,010
2 Flour and feed mills.....	37	773	1,261,149	27,724,952	3,967,188	31,929,376
3 Railway rolling-stock.....	4	5,606	11,831,364	12,587,654	12,107,879	25,253,362
4 Butter and cheese.....	90	1,612	2,690,311	18,210,657	5,598,606	24,144,261
5 Clothing, men's factory.....	36	2,101	2,551,580	6,522,899	4,864,989	11,428,507
6 Bags, cotton and jute.....	5	300	474,635	8,795,942	1,726,202	10,540,640
7 Clothing, women's factory.....	43	1,612	2,595,021	5,404,579	4,597,144	10,032,546
8 Bread and other bakery products.....	139	1,581	2,386,683	3,870,552	4,182,316	8,315,876
9 Foods, miscellaneous.....	19	431	629,856	6,395,196	1,844,211	8,279,618
10 Printing and publishing.....	81	1,516	2,609,587	2,045,162	5,837,745	7,969,137
11 Furniture.....	72	1,121	1,908,654	3,867,548	3,678,415	7,608,405
12 Malt and malt products.....	3	232	530,914	5,422,813	1,460,091	7,168,158
13 Breweries.....	6	630	1,327,837	1,327,085	5,456,613	6,933,405
14 Feeds, stock and poultry.....	21	281	552,966	5,691,553	1,056,587	6,806,268
15 Petroleum products.....	3	208	342,076	4,812,844	1,029,940	5,979,102
16 Printing and bookbinding.....	77	1,441	2,359,544	1,999,492	3,707,015	5,761,940
17 Fur goods.....	57	697	1,212,264	3,373,039	2,083,033	5,469,125
18 All other leading industries.....	5	898	2,193,885	11,567,464	11,659,401	24,153,046
Totals, Leading Industries.....	711	24,828	45,036,062	189,430,784	89,524,984	282,689,782
Totals, All Industries.....	1,413	39,378	68,972,653	236,936,343	139,373,521	383,130,281
SASKATCHEWAN						
	No.	No.	\$	\$	\$	\$
1 Flour and feed mills.....	34	861	1,763,496	34,365,621	5,817,922	40,635,390
2 Slaughtering and meat packing...	8	1,835	3,659,916	27,248,776	6,991,255	34,487,263
3 Butter and cheese.....	69	1,485	2,241,745	20,363,312	5,442,378	26,121,547
4 Petroleum products.....	7	598	1,330,639	23,768,985	480,907	25,191,964
5 Breweries.....	5	392	786,424	1,295,652	5,732,477	7,145,272
6 Bread and other bakery products.....	93	1,001	1,444,494	2,867,822	2,549,335	5,575,165
7 Printing and publishing.....	110	1,017	1,765,838	970,076	3,155,277	4,198,183
8 Sawmills.....	427	1,341	987,690	1,707,527	2,385,477	4,185,743
9 Feeds, stock and poultry.....	13	134	237,055	3,173,270	454,412	3,659,741
10 Foods, miscellaneous.....	8	153	181,888	1,583,699	591,383	2,193,456
11 Planing mills, sash and door fac-tories.....	21	346	542,248	905,916	1,004,640	1,946,279
12 Aerated and mineral waters.....	19	165	266,101	585,697	863,733	1,504,583
13 All other leading industries.....	6	517	1,238,863	28,186,570	406,865	29,320,542
Totals, Leading Industries.....	820	9,845	16,446,397	147,022,923	35,876,061	186,165,128
Totals, All Industries.....	1,001	11,723	19,661,970	151,449,021	41,480,520	196,452,199
ALBERTA						
	No.	No.	\$	\$	\$	\$
1 Slaughtering and meat packing...	11	3,448	6,719,830	58,514,177	9,958,860	68,831,113
2 Flour and feed mills.....	69	1,012	1,942,043	39,096,107	7,282,975	46,699,799
3 Petroleum products.....	7	658	1,451,093	22,314,363	3,507,688	26,478,933
4 Butter and cheese.....	106	1,577	2,421,091	19,898,569	4,892,029	25,085,558

For footnote, see end of table.

7.—Statistics of the Leading Industries of the Prairie Provinces, 1947—concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials Used	Net Value of Products	Gross Value of Products
ALBERTA—concluded						
	No.	No.	\$	\$	\$	\$
5 Sawmills.....	453	2,591	2,893,095	4,946,914	5,529,979	10,743,328
6 Planing mills.....	56	1,224	1,982,157	6,554,632	4,064,173	10,722,774
7 Breweries.....	5	565	1,176,539	2,133,631	7,497,834	9,731,288
8 Bread and other bakery products.....	130	1,445	2,243,730	4,408,194	4,340,905	8,921,371
9 Railway rolling-stock.....	3	1,655	3,569,911	3,110,311	3,526,824	6,836,935
10 Feeds, stock and poultry.....	28	262	450,212	4,959,143	1,195,409	6,212,742
11 Printing and publishing.....	79	971	1,822,873	1,016,252	4,131,664	5,200,348
12 Clothing, men's factory.....	7	561	722,549	1,873,114	1,745,701	3,628,867
13 Fruit and vegetable preparations.....	8	301	364,010	1,314,799	1,422,821	2,762,595
14 Printing and bookbinding.....	63	601	1,099,797	703,702	1,684,851	2,411,601
15 Foods miscellaneous.....	14	125	167,585	1,939,440	449,449	2,400,263
16 Furniture.....	45	424	666,191	1,038,608	1,240,510	2,299,660
17 Castings, iron.....	9	510	927,485	663,472	1,412,788	2,110,327
18 Aerated and mineral waters.....	18	214	360,448	686,340	1,178,124	1,902,156
19 Clay products from domestic clay.....	12	543	855,688	26,767	1,657,351	1,771,250
20 Biscuits and crackers.....	4	154	225,728	652,346	820,646	1,480,658
21 Machine shops.....	30	346	708,411	467,976	980,567	1,476,289
22 Boxes, wooden.....	5	256	425,028	703,621	728,141	1,446,119
23 Sheet metal products.....	8	149	281,068	560,411	674,833	1,243,627
24 All other industries ¹	15	2,205	4,150,403	19,373,588	12,529,896	33,173,519
Totals, Leading Industries.....	1,185	21,797	37,626,965	196,956,477	82,454,018	283,571,120
Totals, All Industries.....	1,382	23,941	41,246,171	202,324,136	89,289,825	296,054,129

¹ Other leading industries, individual statistics for which cannot be given because there are fewer than three establishments in each industry are: Manitoba, non-ferrous metal smelting and refining, pulp and paper, and bridge and structural steel; Saskatchewan, non-ferrous metal smelting and refining, cotton and jute bags, wood preservation, and vegetable oil mills; Alberta, cement, wood preservation, malt and malt products, sugar refineries, processed cheese, fertilizers, bridge and structural steel, vegetable oil mills, condensed milk, paper boxes and bags, and glass products.

Section 5.—The Manufactures of British Columbia, 1947

British Columbia with a gross value of production of \$858,284,592 in 1947 was again the third most important manufacturing province in Canada. About 25 p.c. of that amount was contributed by the sawmilling industry followed by pulp and paper, fish processing and meat packing. Shipbuilding, which occupied first place during the war years, was in fifth place in 1947. At the height of its productive effort in 1943 it employed 31,238 persons who were paid \$64,939,484 in salaries and wages, while the value of production reached the unprecedented figure of \$155,536,396. In spite of its decline, the shipbuilding industry in 1947 was still the second largest employer of labour and also paid out the third highest amount in salaries and wages. Emphasizing the importance of the forests in the industrial life of the Province, the sawmilling industry ranked first with a gross value of production of \$218,235,191, and the pulp and paper industry second with \$61,346,715. Third in importance was fish curing and packing, based principally on the estuarial salmon fisheries. British Columbia accounted for 54 p.c. of the total production of this industry in Canada. Other important industries are: slaughtering and meat packing, shipbuilding and repairs, fruit and vegetable preparations, fertilizers, veneer and plywood, petroleum products, butter and cheese, etc. The varied resources of the Pacific Coast have resulted in a wide diversification of its manufactures.

8.—Statistics of the Leading Industries of the Province of British Columbia, 1947

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials Used	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1 Sawmills.....	1,064	22,946	45,955,873	103,030,866	113,740,151	218,235,191
2 Pulp and paper.....	8	4,426	12,414,932	23,048,723	34,376,962	61,346,715
3 Fish curing and packing.....	70	4,524	7,911,461	30,692,728	25,337,768	56,618,563
4 Slaughtering and meat packing...	11	1,260	2,666,980	25,684,523	4,493,002	30,378,352
5 Shipbuilding and repairs.....	23	5,314	11,587,015	3,451,519	24,687,339	28,489,231
6 Fruit and vegetable preparations..	78	2,533	3,552,976	16,919,045	9,261,532	26,424,577
7 Fertilizers.....	5	1,364	3,382,839	7,560,672	14,815,468	23,441,939
8 Veneer and plywood.....	10	2,493	5,088,307	8,515,178	13,797,745	22,499,208
9 Petroleum products.....	5	505	1,234,825	15,582,777	4,163,158	20,562,850
10 Butter and cheese.....	34	1,469	2,635,602	13,447,869	5,859,369	19,667,469
11 Foods, miscellaneous.....	40	629	910,652	14,636,262	1,630,878	16,323,408
12 Bread and other bakery products.	272	2,706	4,685,508	7,243,562	7,634,692	15,377,903
13 Planing mills, sash and door fac- tories.....	107	1,800	3,485,505	7,756,043	5,565,722	13,485,753
14 Feeds, stock and poultry.....	32	620	1,031,047	10,218,605	2,422,017	12,765,813
15 Machinery.....	38	2,009	4,436,472	4,376,659	7,728,110	12,251,844
16 Sheet metal products.....	26	925	2,087,085	7,361,425	4,426,371	11,890,804
17 Breweries.....	11	768	1,712,023	2,033,308	9,506,896	11,710,870
18 Printing and publishing.....	74	2,286	5,001,175	2,774,390	8,265,586	11,133,302
19 Furniture.....	156	2,037	3,391,027	5,038,591	5,211,623	10,347,618
20 All other leading industries ¹	7	5,319	12,291,171	84,765,479	25,150,560	112,297,436
Totals, Leading Industries.	2,071	65,933	135,462,475	394,238,224	328,074,449	735,248,846
Totals, All Industries.....	3,040	83,161	167,282,667	453,670,677	388,702,178	858,284,592

¹ Includes distilleries, non-ferrous metal smelting, vegetable oil mills, sugar refineries, and bridge and structural steel.

Section 6.—Manufacturing Industries in Urban Centres

The prosperity of most of the cities and towns of Canada, especially in the east, is intimately connected with their manufacturing industries, which provide employment for a large proportion of their gainfully occupied population. In the west the cities are more largely distributing centres, though manufactures are rapidly increasing there also.

Table 9, indicating the extent to which the manufacturing industries of Canada are concentrated in urban centres, shows by provinces the proportion of the gross manufacturing production contributed by cities and towns having a gross production of over \$1,000,000 each. In the more highly industrialized provinces of Ontario and Quebec such cities and towns in 1947 accounted for 93.8 p.c. and 92.6 p.c., respectively, of the totals for those provinces, while in the Maritime Provinces and British Columbia, where sawmilling, fish-packing, and dairying are leading industries, the proportions fell to 63.3 p.c. and 59.6 p.c. respectively. In the Prairie Provinces manufacturing is confined largely to a few urban centres.

**9.—Cities and Towns Each with a Gross Manufacturing Production of Over \$1,000,000.
Number of Establishments and Total Production in such Urban Centres as a
Percentage of the Grand Total, by Provinces, 1947**

NOTE.—Statistics published in this table are in some cases higher than the figures published in Table 12, since, in the table below are included statistics of towns with less than three establishments and production of over \$1,000,000 each. It was not possible to publish this information in Table 12 without disclosing the operations of individual establishments.

Province	Urban Centres with a Gross Production of over \$1,000,000 each	Establishments Reporting in Urban Centres Producing over \$1,000,000 each	Total Production in Urban Centres Producing over \$1,000,000 each	Total Production in each Province	Production in Urban Centres as a Percentage of Total Production in each Province
	No.	No.	\$	\$	p.c.
Prince Edward Island.....	2	57	7,012,864	12,653,451	55.4
Nova Scotia.....	23	443	134,765,598	204,219,433	66.0
New Brunswick.....	16	352	147,205,719	208,366,438	70.7
Quebec.....	121	6,622	2,795,431,858	3,017,049,422	92.6
Ontario.....	157	8,630	4,598,961,524	4,903,472,526	93.8
Manitoba.....	10	927	336,293,553	383,130,281	88.0
Saskatchewan.....	9	335	149,915,962	196,452,199	76.3
Alberta.....	12	607	246,717,545	296,054,129	83.3
British Columbia.....	20	1,837	511,349,120	858,284,592	59.6
Yukon and Northwest Territories...	—	—	—	1,344,109	—
Canada.....	370	19,810	8,927,653,743	10,081,026,580	88.6

**10.—Principal Statistics of the Manufacturing Industries of the Six Leading
Manufacturing Cities of Canada, 1933-47**

NOTE.—The dyeing, cleaning and laundry industry is included for the years prior to 1936.

City and Year	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$
Montreal.....1933	2,226	363,342,078	80,212	74,150,933	148,504,215	300,636,197
1937	2,474	415,816,451	105,931	112,652,112	281,407,645	511,481,054
1939	2,501	423,234,648	105,815	114,602,118	254,188,246	483,246,583
1941	2,669	556,538,023	147,917	187,239,445	444,557,884	803,685,931
1942	3,007	629,809,985	169,987	240,888,491	541,625,660	976,767,738
1943	2,992	721,223,427	193,643	307,922,631	665,209,935	1,184,114,458
1944	3,109	2	185,708	308,396,358	650,618,563*	1,215,988,014
1945	3,404	2	181,679	304,247,761	600,919,272	1,144,175,108
1946	3,785	2	173,507	291,381,617	602,667,823	1,147,945,363
1947	3,950	2	177,744	325,114,158	682,056,090	1,298,019,266
Toronto.....1933	2,604	388,995,096	75,645	80,855,883	146,286,472	308,983,639
1937	2,797	423,350,508	96,247	115,520,050	247,422,098	475,470,149
1939	2,885	447,009,768	98,702	122,553,435	240,532,281	482,532,331
1941	3,045	554,317,600	133,099	184,267,132	391,328,916	756,923,939
1942	3,211	635,981,329	151,639	228,875,152	451,198,158	886,256,494
1943	3,238	647,907,281	156,459	259,307,913	481,504,056	961,923,997
1944	3,344	2	154,538	260,776,613	513,429,109	1,020,345,353
1945	3,482	2	146,335	244,055,112	496,204,721	961,736,716
1946	3,632	2	145,556	247,298,288	549,256,912	1,036,939,790
1947	3,705	2	151,137	289,363,797	648,648,084	1,231,936,820
Hamilton.....1933	469	171,625,714	21,524	21,523,337	35,672,272	83,530,255
1937	479	182,730,036	32,616	40,255,040	83,978,873	170,651,205
1939	461	206,584,330	31,512	39,563,423	70,829,034	152,746,340
1941	491	255,862,917	45,421	72,845,604	136,403,197	283,670,019
1942	482	273,212,977	50,744	85,111,817	166,078,144	347,752,196
1943	485	315,896,136	54,671	95,576,332	164,271,139	362,743,019
1944	480	2	53,500	94,982,915	171,117,467	363,033,672
1945	482	2	50,520	89,639,262	166,349,884	351,676,308
1946	501	2	45,951	80,959,432	150,977,835	308,033,098
1947	512	2	50,567	101,424,109	205,430,175	411,817,530

For footnotes, see end of table, p. 98.

10.—Principal Statistics of the Manufacturing Industries of the Six Leading Manufacturing Cities of Canada, 1933-47—Concluded

City and Year	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$
Windsor.....1933	247	66,398,372	10,212	10,719,819	25,752,258	49,359,245
1937	228	77,750,511	18,650	26,919,449	78,667,058	136,896,194
1939	222	80,436,233	17,729	25,938,890	63,907,106	122,474,320
1941	223	138,929,934	29,486	57,653,986	175,847,231	289,027,790
1942	233	206,556,146	37,057	76,276,589	240,384,518	383,323,348
1943	229	206,850,571	38,516	85,965,874	247,504,385	417,745,229
1944	231	²	35,912	80,667,573	232,102,240	387,603,874
1945	241	²	28,826	63,515,050	167,675,110	280,743,622
1946	256	²	30,889	60,315,436	138,788,813	244,925,148
1947	273	²	32,154	74,748,834	204,383,024	367,122,739
Vancouver.....1933	746	74,209,271	12,094	11,754,124	28,588,106	55,160,883
1937	824	85,851,189	17,641	20,783,032	53,139,109	95,717,017
1939	829	92,797,032	17,957	22,382,192	56,565,511	101,267,243
1941	864	115,960,608	25,223	34,132,996	90,720,812	162,982,858
1942	897	136,336,017	37,858	60,779,827	116,153,100	223,295,187
1943	898	193,795,910	45,971	81,059,815	130,442,455	288,196,900
1944	933	²	43,473	79,141,407	142,416,371	289,390,718
1945	992	²	37,599	66,144,015	137,118,244	265,034,773
1946	1,071	²	31,408	55,960,984	138,045,068	270,165,166
1947	1,127	²	33,119	65,363,332	174,822,180	313,964,785
Winnipeg.....1933	600	73,886,398	15,336	15,155,537	28,355,612	50,287,280
1937	622	72,419,041	17,284	19,687,511	45,498,865	80,108,696
1939	648	73,255,368	17,571	20,717,273	44,873,043	81,024,272
1941	677	105,406,381	23,831	30,169,726	73,427,543	127,913,351
1942	692	113,297,399	27,768	38,191,886	88,897,218	156,332,353
1943	688	100,511,565	24,898	35,807,283	106,485,838	174,523,234
1944	686	²	25,870	38,824,299	119,917,745	198,169,626
1945	716	²	26,206	40,115,513	117,453,819	197,523,922
1946	756	²	26,730	42,354,650	121,531,306	206,381,007
1947	779	²	27,651	47,728,392	130,721,062	228,028,346

¹ Net value is derived from gross value by deducting cost of materials, fuel, and electricity. For cost of fuel and electricity in 1947 see Table 12.

² Information not collected.

11.—Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, Grouped According to the Number of Employees per Establishment, 1947.

GREATER MONTREAL

Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Under 5 employees.....	1,080	2,645	3,790,277	170,570	12,095,642	22,308,541
5 to 14 ".....	1,294	11,116	17,633,180	634,127	39,122,281	75,807,269
15 " 49 ".....	1,224	33,244	54,533,741	1,770,071	123,978,086	230,614,917
50 " 99 ".....	352	24,340	41,135,621	1,850,580	107,803,245	193,160,946
100 " 199 ".....	179	25,031	43,485,789	2,102,200	126,008,035	217,321,939
200 " 499 ".....	109	36,013	66,864,187	10,985,362	180,292,493	340,881,806
500 and over.....	52	73,150	151,960,705	9,300,514	253,970,281	501,032,900
Totals¹.....	4,290	205,539	379,403,500	26,813,424	843,270,063	1,581,128,318

¹ Totals for Greater Montreal do not include the non-ferrous smelting and refining industry.

11.—Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, Grouped According to the Number of Employees per Establishment, 1917—Con-

GREATER TORONTO

Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Under 5 employees.....	1,014	2,515	3,653,530	285,232	7,241,338	15,318,736
5 to 14 ".....	1,268	11,145	18,963,262	703,260	36,659,076	70,744,211
15 " 49 ".....	1,043	27,740	50,889,350	1,777,452	116,509,904	217,563,189
50 " 99 ".....	310	21,869	40,602,541	1,793,609	102,209,280	184,209,606
100 " 199 ".....	172	24,324	45,260,489	2,847,113	117,058,739	212,224,077
200 " 499 ".....	107	33,312	63,741,036	3,562,572	128,953,053	270,941,758
500 and over.....	53	52,387	113,451,985	6,502,848	252,734,208	481,116,320
Totals.....	3,967	173,292	336,562,193	17,472,086	761,365,598	1,452,117,797

GREATER HAMILTON

Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Under 5 employees.....	145	358	458,302	39,259	989,134	1,899,369
5 to 14 ".....	153	1,285	2,130,864	145,103	3,279,747	7,429,059
15 " 49 ".....	110	3,029	5,492,978	491,130	14,335,132	26,385,942
50 " 99 ".....	37	2,583	4,887,559	286,410	15,841,914	26,103,013
100 " 199 ".....	33	4,743	8,830,066	600,783	25,643,430	44,661,361
200 " 499 ".....	36	10,749	20,278,223	2,662,913	48,266,924	91,062,403
500 and over.....	19	28,092	59,720,714	10,280,053	98,510,368	216,948,967
Totals.....	533	50,839	101,796,706	14,595,651	206,866,649	414,520,114

GREATER WINDSOR

Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Under 5 employees.....	81	188	244,068	20,262	386,417	890,718
5 to 14 ".....	80	692	1,187,928	69,213	2,355,984	4,709,657
15 " 49 ".....	57	1,555	3,098,990	182,156	5,878,416	11,836,543
50 " 99 ".....	26	1,783	3,885,043	180,885	8,812,029	18,305,947
100 " 199 ".....	22	3,013	6,187,169	378,964	12,297,537	27,386,813
200 " 499 ".....	17	5,426	12,643,471	1,591,499	18,436,381	50,479,697
500 and over.....	8	20,074	48,503,234	2,237,432	158,719,091	258,002,248
Totals.....	291	32,731	75,749,903	4,660,411	206,886,455	371,611,623

GREATER WINNIPEG

Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Under 5 employees.....	247	642	835,578	75,054	2,511,960	4,181,552
5 to 14 ".....	253	2,207	3,560,774	218,707	11,731,121	18,152,523
15 " 49 ".....	226	6,095	9,553,988	561,382	30,983,458	50,216,656
50 " 99 ".....	80	5,564	9,168,337	558,969	26,333,141	46,369,486
100 " 199 ".....	38	5,403	9,291,004	1,574,469	30,499,313	54,172,422
200 " 499 ".....	21	5,678	10,629,606	733,378	38,231,689	65,417,748
500 and over.....	5	6,414	13,185,010	695,613	49,019,402	68,483,512
Totals.....	870	32,003	56,224,297	4,417,572	189,310,084	306,993,899

GREATER VANCOUVER

Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Under 5 employees.....	419	1,049	1,380,119	95,338	2,194,885	4,642,862
5 to 14 ".....	413	3,604	6,203,530	302,880	10,396,566	20,986,595
15 " 49 ".....	292	7,958	15,231,960	781,743	37,184,836	66,279,251
50 " 99 ".....	95	6,686	13,406,416	833,675	42,671,402	73,577,182
100 " 199 ".....	60	8,574	17,360,223	992,060	44,600,429	84,974,762
200 " 499 ".....	29	8,047	15,953,964	1,299,323	63,697,571	104,919,571
500 and over.....	11	8,447	19,662,228	1,212,539	23,799,955	72,434,570
Totals.....	1,319	44,365	89,198,440	5,517,558	224,545,644	427,814,793

12.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1947

NOTE.—Statistics for cities and towns with three or more establishments cannot be published when one establishment has 75 p.c. or two establishments 90 p.c. of the total production.

Province and Municipality	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Prince Edward Island—						
Charlottetown.....	37	604	856,709	73,110	2,811,443	4,586,629
Summerside.....	20	283	343,335	31,687	1,789,431	2,426,235
Nova Scotia—						
Amherst.....	24	906	1,487,199	222,417	2,113,359	4,654,266
Berwick.....	10	234	275,086	77,919	984,086	1,739,606
Bridgetown.....	8	206	291,926	22,926	639,930	1,402,828
Bridgewater.....	21	211	318,872	20,076	540,855	1,126,683
Dartmouth.....	17	266	415,744	44,399	923,444	2,041,552
Digby.....	9	298	386,719	22,604	1,122,013	1,912,308
Halifax.....	117	6,121	10,983,890	619,077	17,596,379	38,665,912
Kentville.....	8	250	318,959	55,729	537,154	1,148,434
Lockport.....	3	236	322,567	38,282	842,853	1,448,672
Lunenburg.....	16	596	953,302	77,606	2,871,391	4,687,338
Mahone Bay.....	8	188	278,265	13,576	158,145	1,048,739
Middleton.....	10	284	375,654	53,013	1,945,387	2,662,887
New Glasgow.....	27	821	1,314,932	177,473	1,447,048	3,924,983
North Sydney.....	12	361	501,401	33,038	1,476,904	2,646,015
Oxford.....	10	181	237,009	23,503	681,283	1,184,858
Pictou.....	10	229	338,840	25,667	606,386	1,287,438
Sydney.....	40	5,507	9,494,030	2,841,520	18,173,661	35,211,556
Trenton.....	6	1,014	1,995,049	354,549	3,927,245	6,951,031
Truro.....	35	1,676	1,977,020	162,188	4,336,722	8,269,803
Windsor.....	10	372	454,704	49,108	2,028,970	3,018,585
Yarmouth.....	29	1,002	1,361,805	132,488	3,950,848	6,457,025
New Brunswick—						
Campbellton.....	16	358	495,623	41,386	790,984	1,524,938
Fredericton.....	38	831	1,136,723	72,794	2,616,529	4,663,319
Grand Falls.....	11	108	130,792	17,163	808,991	1,190,232
Moncton.....	52	3,343	5,849,918	483,409	11,097,856	19,942,670
Newcastle.....	13	190	232,139	19,734	1,061,945	1,505,587
Sackville.....	10	785	1,330,886	72,159	1,625,893	4,534,148
Saint John.....	118	4,190	6,977,582	1,104,201	39,517,078	56,062,442
St. Stephen.....	15	496	658,886	43,944	1,527,389	2,935,971
Sussex.....	15	282	376,239	25,655	1,493,605	2,557,567
Woodstock.....	20	185	230,185	37,555	854,453	1,393,458
Quebec—						
Acton Vale.....	13	863	1,223,581	64,044	2,219,199	3,960,428
Asbestos.....	14	610	1,071,607	252,640	3,309,039	5,383,583
Beauharnois.....	14	1,518	3,208,315	1,059,691	6,037,006	12,282,167
Beauport.....	12	198	262,576	8,152	599,766	1,054,744
Bedford.....	11	737	1,058,351	35,462	429,674	3,220,983
Beebe Plain.....	7	251	348,977	17,757	803,923	1,376,528
Berthier.....	15	833	995,558	146,357	2,192,450	4,371,959
Brownsburg.....	8	1,111	1,855,536	80,950	2,814,681	6,670,298
Buckingham.....	17	988	2,289,702	723,076	4,016,100	11,616,310
Cabano.....	8	342	493,719	8,509	920,692	1,838,943
Cap de la Madeleine.....	28	1,570	2,727,919	674,111	5,747,411	13,194,761
Chambly Canton.....	7	387	683,855	63,575	716,676	1,773,701
Chicoutimi.....	24	432	623,571	40,861	1,355,131	2,751,704
Coaticook.....	23	980	1,307,424	84,089	3,111,975	5,506,183
Contrecoeur.....	12	329	351,013	11,671	795,467	1,354,095
Cookshire.....	8	198	262,617	16,519	599,792	1,141,411
Danville.....	12	191	273,549	71,357	743,896	1,247,215
Drummondville.....	39	8,227	12,457,035	1,308,602	14,579,737	40,156,930
Farham.....	19	891	1,396,041	127,226	3,342,341	6,942,239
Granby.....	63	5,372	7,752,603	415,162	18,452,772	37,858,935
Grand Mère.....	28	2,388	4,103,488	1,064,738	8,816,561	21,162,467
Hull.....	60	3,122	5,644,576	1,411,923	15,915,452	27,568,369
Huntingdon.....	13	588	1,128,438	85,066	3,807,016	6,204,441
Iberville.....	18	374	548,593	33,869	1,497,327	2,866,322
Joliette.....	55	1,871	2,575,115	321,637	5,003,900	9,972,905
Lachine.....	46	7,362	15,755,556	742,797	18,003,971	38,917,721
Lachute.....	10	253	393,054	97,329	1,084,730	1,725,754
La Pêrade (Ste Anne de).....	12	275	316,735	63,704	2,016,249	2,844,501
Laprairie.....	20	777	1,248,803	609,794	690,300	3,765,615
La Salle.....	24	2,426	4,695,441	698,524	20,076,088	35,901,029
L'Assomption.....	15	367	524,633	32,975	1,058,783	1,992,713
Lennoxville.....	9	382	749,502	147,122	1,759,683	3,212,725
L'Epiphanie.....	14	392	473,085	21,273	736,684	1,493,697
Lévis.....	31	574	797,118	34,248	2,077,330	3,508,680
Longueuil.....	36	1,341	2,244,203	121,907	2,740,191	6,162,881

12.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1947—continued

Province and Municipality	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Quebec—Concluded—						
Loretteville.....	32	745	743,624	24,415	1,831,592	3,136,314
Marieville.....	16	526	617,194	29,663	2,391,868	4,104,332
Matane.....	16	292	501,961	9,572	1,289,170	2,383,069
Mégantic (Lac).....	18	579	845,764	25,496	723,056	1,846,946
Mont Laurier.....	12	206	247,792	13,723	831,191	1,532,216
Montmagny.....	41	1,652	2,378,457	123,239	4,613,762	10,347,243
Montréal.....	3,950	177,744	325,114,158	17,075,063	682,056,090	1,298,019,266
Montréal Est.....	20	3,926	8,437,936	6,463,298	120,011,114	154,422,322
Mont Royal.....	4	1,527	2,601,642	61,638	3,821,266	7,442,675
Napierville.....	12	181	166,775	22,539	768,896	1,036,022
Nicolet.....	16	400	523,479	19,241	975,398	2,200,947
Outremont.....	18	1,231	2,177,338	100,416	9,803,038	17,454,511
Plessisville.....	20	886	1,313,269	54,298	1,756,652	3,469,199
Pointe aux Trembles.....	11	424	652,089	38,161	967,041	2,286,424
Pont Rouge.....	11	399	552,367	171,536	2,196,096	4,531,827
Port Neuf Station.....	12	221	307,163	65,416	1,255,406	2,001,311
Princeville.....	13	400	537,044	49,470	3,380,312	4,330,236
Quebec.....	377	13,583	20,582,906	2,720,646	54,386,526	98,494,544
Richmond.....	11	485	697,962	23,266	1,442,200	3,332,310
Rimouski.....	23	613	1,023,964	33,867	2,364,225	4,458,495
Rivière du Loup.....	22	447	708,964	83,265	638,678	1,709,588
Roberval.....	10	181	225,883	18,460	868,201	1,515,544
Rock Island.....	15	760	1,486,479	67,072	1,084,876	4,126,010
St. Césaire.....	24	305	314,985	29,688	942,288	1,466,868
St. Croix.....	9	191	217,612	10,535	580,882	1,047,309
St. Félix.....	18	125	189,511	17,631	1,145,752	1,475,642
St. George de Beauce.....	12	382	507,968	41,846	724,730	1,597,013
St. Hyacinthe.....	77	5,379	7,391,857	467,149	19,908,357	32,817,598
St. Jacques.....	13	224	245,732	8,597	1,132,898	1,553,613
St. Jean.....	57	5,084	8,652,671	622,068	12,982,558	30,398,623
St. Jérôme (Terrebonne).....	49	4,412	6,676,086	443,881	10,783,981	24,448,998
St. Lambert.....	16	726	1,117,223	76,933	1,782,796	3,931,631
St. Laurent.....	22	3,017	5,817,701	509,024	10,104,142	21,023,479
Ste Marie.....	18	424	462,231	37,284	1,209,681	2,123,672
St. Pie.....	12	200	240,315	20,627	1,181,955	1,626,427
St. Pierre (Montreal Co.).....	12	1,909	3,978,631	817,673	4,336,566	13,703,220
St. Rémi.....	11	346	445,556	39,705	1,690,634	2,766,759
Ste Thérèse de Blainville.....	31	1,324	1,966,483	82,010	3,110,732	8,142,657
St. Tite.....	22	366	382,623	13,058	802,823	1,408,837
Shawinigan Falls.....	43	5,120	11,297,562	5,291,142	22,254,389	56,769,719
Shawville.....	8	106	159,104	13,152	970,111	1,318,012
Sherbrooke.....	102	8,523	14,038,457	895,867	24,588,047	52,798,090
Sorel.....	36	1,348	2,342,765	334,740	1,843,171	6,524,465
Terrebonne.....	16	472	772,974	30,443	1,415,076	2,653,568
Thetford Mines.....	25	416	543,962	59,368	472,987	1,531,503
Three Rivers.....	81	7,320	14,359,373	5,555,725	38,638,033	79,787,048
Thurso.....	11	294	390,023	12,000	1,354,262	1,767,470
Trois Pistoles.....	14	225	353,966	11,980	1,782,550	2,766,676
Valley field.....	48	4,042	6,455,117	640,938	11,578,895	22,076,212
Verchères.....	15	97	113,400	42,456	860,789	1,214,039
Verdun.....	55	1,580	2,600,196	166,215	5,018,894	11,472,931
Victoriaville.....	47	2,314	3,314,222	115,739	6,410,032	12,202,827
Warwick.....	15	440	695,110	89,363	1,735,854	3,335,963
Waterloo.....	15	763	1,183,506	65,272	1,670,181	4,459,411
Westmount.....	17	1,777	3,653,901	261,327	5,178,868	12,532,442
Windor (Mills).....	10	977	2,092,393	606,574	5,273,934	10,531,118
Ontario—						
Acton.....	19	1,134	1,871,341	238,457	8,855,259	13,760,738
Almonte.....	13	467	680,997	76,484	2,536,368	3,881,113
Amherstburg.....	11	737	1,543,676	1,324,733	3,112,904	9,944,433
Arnprior.....	20	641	1,093,686	93,561	1,922,214	4,248,768
Aurora.....	13	585	1,028,826	61,829	5,786,251	8,187,844
Barrie.....	20	859	1,408,109	106,582	6,755,445	10,987,957
Belleville.....	47	2,096	3,642,519	590,329	5,077,915	13,763,640
Bloomfield.....	8	147	181,746	19,339	884,528	1,517,987
Bowmanville.....	16	1,069	2,202,204	170,322	4,454,923	10,337,995
Brampton.....	26	936	1,722,474	74,987	3,467,096	6,311,074
Brantford.....	144	13,853	25,731,946	1,307,120	47,333,979	88,766,595
Brighton.....	15	216	274,564	14,826	761,123	1,347,227
Brockville.....	6	1,849	3,127,586	295,078	18,333,621	28,277,242
Burlington.....	37	312	561,960	64,262	2,613,433	3,846,052
Caledonia.....	10	381	579,070	186,491	2,609,649	4,734,720

12.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1947—continued

Province and Municipality	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Ontario—Continued—						
Campbellford.....	16	348	543,517	46,665	1,865,489	3,318,654
Carleton Place.....	10	883	1,419,254	98,654	1,870,960	4,564,193
Chatham.....	67	3,258	6,342,438	630,017	35,270,902	47,877,367
Chesley.....	12	339	524,629	29,459	1,250,987	2,243,763
Clinton.....	11	121	152,710	16,731	633,350	1,043,648
Cobourg.....	32	794	1,253,908	144,972	3,102,450	5,865,554
Collingwood.....	17	1,062	1,757,709	86,871	3,571,443	5,928,127
Cornwall.....	47	6,254	11,454,016	2,237,834	17,280,881	43,719,340
Cresden.....	11	182	282,643	21,353	715,440	1,405,803
Dryden.....	14	638	1,185,235	201,386	2,521,155	5,642,819
Dundas.....	33	2,011	3,308,407	223,448	3,720,871	10,561,297
Dunnville.....	22	972	1,362,063	81,097	4,385,408	6,798,760
Durham.....	13	278	444,204	39,452	898,591	1,689,060
Eastview.....	11	270	476,887	49,360	3,111,768	4,206,598
Elmira.....	20	840	1,500,678	103,663	3,255,865	7,218,853
Elora.....	9	376	616,105	27,134	887,068	1,737,390
Essex.....	14	398	515,612	63,719	1,594,177	2,704,769
Forest.....	12	222	263,199	33,770	813,324	1,289,953
Fort Erie.....	18	528	1,293,332	56,221	2,119,951	4,145,912
Fort William.....	71	3,945	8,905,551	1,972,515	23,499,188	46,231,785
Galt.....	82	6,392	10,878,841	557,317	16,504,031	35,969,271
Gananoque.....	17	830	1,457,509	147,745	2,676,195	5,084,155
Georgetown.....	20	1,107	2,132,261	207,911	4,041,737	7,935,834
Goderich.....	19	606	1,003,216	232,347	7,563,887	10,528,574
Gravenhurst.....	9	503	736,309	19,142	1,181,149	2,757,603
Grimsby.....	20	604	893,481	57,278	1,786,522	3,980,418
Guelph.....	101	6,131	11,186,173	676,769	21,493,514	42,572,866
Hagersville.....	5	106	223,306	56,793	1,016,329	2,182,772
Hamilton.....	512	50,567	101,424,109	14,456,482	205,430,175	411,817,530
Hanover.....	16	1,037	1,536,091	50,786	2,907,647	5,102,707
Harriston.....	15	211	289,338	34,866	638,905	1,125,093
Harrow.....	6	89	142,430	19,410	869,139	1,226,726
Hespeler.....	17	2,083	3,146,910	202,476	6,834,825	12,284,629
Humberstone.....	11	805	1,372,871	74,658	9,432,742	12,166,996
Huntsville.....	18	498	802,364	58,334	4,012,197	6,325,879
Ingersoll.....	23	1,373	2,312,139	172,291	6,565,711	11,195,352
Kincardine.....	14	541	725,184	47,875	1,482,344	2,528,280
Kingston.....	52	5,345	10,043,256	1,002,974	17,469,294	40,881,799
Kingsville.....	12	279	463,413	32,755	6,464,768	7,483,549
Kitchener.....	183	15,327	29,082,566	1,397,540	67,003,113	128,467,162
Leamington.....	14	1,379	2,093,011	238,875	13,658,094	25,630,971
Leaside.....	47	7,343	14,904,326	769,351	36,747,983	70,056,556
Lindsay.....	38	1,026	1,361,291	174,886	3,588,453	6,351,981
Listowel.....	17	565	859,599	64,661	2,095,249	4,003,965
London.....	272	15,049	27,119,997	1,461,167	52,550,996	114,111,065
Long Branch.....	30	1,063	1,987,136	97,040	3,641,391	7,507,399
Lucknow.....	11	169	239,605	26,017	1,347,843	1,972,643
Meaford.....	17	412	598,977	40,755	1,058,958	1,971,251
Merrittton.....	17	1,870	4,114,039	653,325	9,589,715	17,880,568
Midland.....	19	764	1,235,901	66,392	4,621,107	6,735,405
Milton.....	11	520	973,879	236,399	1,480,598	4,252,367
Milverton.....	10	187	297,872	19,123	833,957	1,340,167
Mimico.....	22	361	623,095	73,244	1,015,755	2,434,824
Mount Forest.....	15	317	420,064	19,754	906,223	1,548,449
Napanee.....	15	395	624,284	88,274	1,040,055	2,332,950
New Hamburg.....	12	314	397,068	26,563	1,298,005	2,312,217
New Liskeard.....	17	653	1,058,856	39,130	1,656,845	3,874,174
Newmarket.....	16	996	1,857,071	110,958	6,219,359	9,689,829
New Toronto.....	31	7,192	16,869,079	1,379,566	52,402,721	97,817,265
Niagara Falls.....	70	6,491	13,748,646	4,363,407	23,696,006	61,378,301
North Bay.....	23	523	938,248	83,487	2,112,365	3,963,247
Norwich.....	7	102	122,692	20,689	1,368,217	1,946,668
Oakville.....	36	1,149	1,981,754	126,990	3,875,693	7,519,166
Ojibway.....	3	300	652,387	87,662	1,780,005	3,020,388
Orangeville.....	14	230	291,433	28,606	1,206,054	1,877,565
Orillia.....	43	2,087	3,280,110	269,327	3,821,788	11,162,219
Ottawa.....	211	9,696	17,652,236	1,327,241	28,904,342	64,603,115
Owen Sound.....	50	3,135	5,272,864	270,471	6,872,436	14,818,126
Palmerston.....	10	61	81,856	7,337	997,495	1,188,077
Paris.....	22	1,397	2,108,349	107,133	4,433,453	8,985,445
Pembroke.....	35	1,231	1,682,305	87,323	3,473,468	6,445,981
Penetanguishene.....	11	388	592,489	30,750	661,255	1,673,567
Perth.....	20	896	1,432,381	84,972	2,876,321	6,225,143
Peterborough.....	98	10,257	20,626,046	1,035,202	57,192,513	92,057,038

12.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1947—continued

Province and Municipality	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Ontario—Concluded—						
Pictou.....	19	221	230,114	21,582	664,482	1,230,931
Port Arthur.....	44	2,270	5,233,856	1,235,764	9,035,418	21,669,952
Port Colborne.....	20	2,746	6,106,220	2,201,119	95,983,482	120,273,552
Port Elgin.....	8	226	433,703	12,090	663,276	1,208,498
Port Hope.....	21	1,067	2,050,848	156,371	2,749,575	7,154,167
Prescott.....	20	588	806,897	25,518	1,106,175	2,703,701
Preston.....	37	2,645	4,546,794	197,218	6,997,344	14,796,066
Renfrew.....	26	1,109	1,834,972	145,423	3,539,394	6,613,326
Ridgetown.....	10	220	308,202	12,723	559,249	1,239,655
St. Catharines.....	102	10,216	20,569,798	1,157,613	32,002,162	67,533,904
St. Marys.....	16	659	1,084,669	788,765	4,028,562	7,600,891
St. Thomas.....	45	1,923	3,227,475	197,707	5,899,523	11,513,130
Sarnia.....	45	6,951	15,194,994	6,261,031	63,859,887	106,393,205
Sault Ste Marie.....	51	6,444	15,196,786	4,875,767	41,359,437	76,211,858
Seaford.....	14	302	465,373	28,535	2,802,776	3,896,926
Simcoe.....	29	1,559	2,580,833	177,425	12,009,367	18,660,578
Southampton.....	9	347	620,515	26,481	883,015	1,757,901
Stratford.....	62	3,781	6,910,437	301,568	11,586,733	21,205,522
Strathroy.....	23	544	725,961	40,368	2,285,392	3,485,922
Steeberville.....	12	206	350,125	79,374	2,847,191	3,620,045
Sudbury.....	45	908	1,524,995	123,591	4,316,312	7,539,529
Swansea.....	8	824	1,547,974	192,360	2,769,539	4,904,015
Tavistock.....	11	177	221,975	24,324	2,137,607	2,588,082
Thorold.....	20	2,282	6,105,204	2,581,592	13,465,068	28,763,140
Tilbury.....	11	411	703,331	115,536	995,036	2,327,195
Tillsonburg.....	23	723	1,190,252	148,069	7,180,282	9,876,121
Timmins.....	29	523	869,438	63,082	1,686,823	3,408,006
Toronto.....	3,705	151,137	289,363,797	14,184,874	648,648,084	1,231,936,820
Trenton.....	25	1,605	2,355,918	369,914	8,033,131	13,968,342
Walkerton.....	17	499	758,681	25,396	1,034,118	2,210,017
Wallaceburg.....	25	2,604	4,714,068	672,552	7,420,187	15,657,246
Waterford.....	8	131	156,639	12,162	746,755	1,096,619
Waterloo.....	53	3,028	5,476,469	297,724	10,391,530	25,887,825
Welland.....	57	8,355	18,469,640	4,192,392	32,199,105	76,468,092
Wellington.....	9	167	213,394	50,626	967,645	1,676,701
West Lorne.....	8	166	229,482	16,184	610,412	1,154,555
Weston.....	45	1,934	3,539,904	294,329	5,716,929	13,104,033
Whitby.....	11	487	636,936	39,406	1,388,016	2,671,088
Winchester.....	6	54	70,596	20,258	882,413	1,131,421
Windsor.....	273	32,154	74,748,834	4,553,594	204,383,024	367,122,739
Wingham.....	14	395	653,386	39,108	2,320,195	3,438,260
Woodstock.....	69	3,559	5,856,230	357,399	14,290,667	25,260,757
Manitoba—						
Brandon.....	30	759	1,131,898	134,881	6,950,219	9,475,212
Morden.....	8	129	252,871	46,135	757,868	1,225,907
Neepawa.....	8	118	196,548	109,084	580,915	1,130,098
Portage la Prairie.....	13	205	243,202	21,621	1,145,989	1,577,202
St. Boniface.....	62	3,405	6,902,056	588,310	55,817,167	72,039,736
Selkirk.....	8	750	1,562,418	424,420	1,330,347	4,322,238
The Pas.....	9	162	275,013	5,582	323,577	1,190,140
Winkler.....	5	69	71,127	14,249	1,118,025	1,310,975
Winnipeg.....	779	27,651	47,728,392	2,827,768	130,721,062	228,028,346
Saskatchewan—						
North Battleford.....	9	136	203,963	25,547	999,840	1,432,550
Melville.....	10	79	143,223	29,087	2,207,064	2,687,265
Moose Jaw.....	42	1,602	3,134,276	521,236	31,547,929	37,619,646
Prince Albert.....	33	989	1,670,839	149,221	8,774,646	12,926,610
Regina.....	111	2,774	5,147,455	1,036,100	27,405,537	39,610,959
Saskatoon.....	95	2,580	4,697,288	525,542	33,816,920	45,424,066
Swift Current.....	13	407	702,383	50,394	4,078,154	6,607,389
Weyburn.....	9	81	118,426	24,140	1,307,029	1,564,640
Yorkton.....	13	170	266,176	42,795	1,513,508	2,042,837
Alberta—						
Athabasca.....	16	117	135,567	14,410	768,534	1,099,279
Calgary.....	246	7,790	14,784,768	1,989,225	77,842,011	111,649,853
Camrose.....	9	66	117,019	17,684	907,995	1,264,986
Edmonton.....	222	7,625	14,027,657	808,652	61,191,274	88,995,858
Grande Prairie.....	17	246	374,698	32,763	1,324,929	2,212,144
Lethbridge.....	37	893	1,484,440	119,226	5,657,449	10,111,907
Medicine Hat.....	27	1,049	1,808,042	126,477	14,285,234	18,733,357
Red Deer.....	14	121	192,836	39,506	1,561,202	2,064,290
Wetaskiwin.....	8	85	118,397	16,165	918,935	1,209,358

12.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1947—concluded

Province and Municipality	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
British Columbia—						
Alberni.....	9	118	229,015	11,242	396,058	1,045,591
Chilliwack.....	18	189	289,343	17,627	1,168,641	1,774,550
Cranbrook.....	22	309	634,431	47,437	973,798	2,001,520
Duncan.....	22	193	323,419	25,327	662,608	1,330,063
Kamloops.....	28	382	571,342	34,683	883,744	1,981,181
Kelowna.....	28	645	1,055,013	67,065	2,731,328	5,121,425
Mission.....	21	420	643,025	53,073	3,550,204	5,395,451
Nanaimo.....	30	543	1,011,226	66,280	2,066,554	4,348,662
Nelson.....	33	518	888,321	59,323	2,063,582	3,890,707
New Westminster.....	100	6,112	12,261,932	796,579	33,041,690	67,242,286
North Vancouver.....	41	3,233	7,568,021	325,480	7,582,614	27,317,941
Penticton.....	11	148	244,450	10,290	508,655	1,063,831
Port Alberni.....	17	1,326	3,066,913	71,638	6,141,041	15,422,967
Port Moody.....	5	357	798,084	3,666	2,076,650	4,115,575
Prince George.....	79	739	1,200,222	117,994	2,731,824	5,221,314
Prince Rupert.....	25	635	1,261,659	72,877	3,718,541	6,623,242
Vancouver.....	1,127	33,119	65,363,332	3,589,022	174,822,180	313,964,785
Vernon.....	32	383	658,028	65,805	1,595,115	2,781,558
Victoria.....	185	4,782	9,600,786	551,102	14,894,911	33,969,783

13.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1947

County	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Prince Edward Island—						
Kings.....	72	451	348,225	41,857	1,195,607	1,875,242
Prince.....	96	631	590,234	54,400	3,604,010	4,775,306
Queens.....	92	824	1,000,008	97,509	3,810,715	6,002,903
Totals.....	260	1,906	1,938,467	193,766	8,610,332	12,653,451
Nova Scotia—						
Annapolis.....	47	651	822,899	84,767	2,949,595	4,760,856
Antigonish.....	23	147	168,277	13,824	508,048	884,024
Cape Breton N.....	22	392	528,487	36,845	1,576,983	2,826,154
Cape Breton S.....	84	5,789	9,805,059	2,875,211	19,049,761	36,799,474
Colchester.....	105	2,340	2,772,794	201,040	7,017,251	12,807,890
Cumberland.....	102	1,736	2,533,932	308,436	5,370,253	9,926,466
Digby.....	103	1,024	1,092,583	76,855	2,998,909	5,075,269
Guysborough.....	48	419	339,282	28,928	1,133,851	1,747,373
Halifax.....	223	7,562	13,446,939	1,795,865	35,047,074	63,025,474
Hants.....	66	1,071	1,350,316	204,490	4,011,969	7,303,705
Inverness.....	65	308	183,495	15,536	547,347	872,821
Kings.....	84	1,051	1,195,456	200,585	3,821,180	6,422,149
Lunenburg.....	158	1,762	2,248,767	142,580	5,123,916	9,682,392
Pictou.....	112	2,570	4,214,465	600,325	8,172,484	15,513,682
Queens.....	28	1,262	2,795,603	1,101,353	4,360,913	12,081,002
Richmond.....	23	55	19,173	1,640	62,669	105,756
Shelburne.....	65	636	811,907	77,398	2,919,886	4,466,886
Victoria.....	34	131	79,936	7,221	263,219	423,240
Yarmouth.....	88	1,379	1,673,666	156,796	6,418,913	9,949,820
Totals.....	1,480	30,285	46,113,036	7,929,695	111,354,221	204,219,433
New Brunswick—						
Albert.....	27	262	378,435	64,953	1,524,255	2,673,266
Carleton.....	58	630	779,799	58,672	2,219,023	3,688,381
Charlotte.....	71	2,371	3,387,108	344,075	9,410,381	16,717,403
Gloucester.....	100	1,843	3,117,660	1,280,625	7,159,417	14,598,079
Kent.....	63	501	364,441	22,607	1,319,995	2,008,001
Kings.....	62	550	669,415	45,817	2,759,974	4,438,761
Madawaska.....	56	1,097	2,324,244	943,423	6,892,309	15,052,087
Northumberland.....	77	822	927,201	42,712	2,908,263	4,606,264
Queens.....	34	324	467,013	115,082	1,172,650	2,174,097
Restigouche.....	57	2,117	4,359,861	2,795,764	12,424,621	25,399,014
St. John.....	148	6,310	11,481,748	1,876,394	45,495,162	73,827,222

13.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1947—continued

County	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
New Brunswick—Concluded						
Sunbury.....	8	68	58,395	2,088	182,165	323,085
Victoria.....	37	364	521,153	25,143	1,685,087	2,827,127
Westmorland.....	172	5,033	8,165,721	658,020	15,122,533	28,860,365
York.....	91	1,889	2,581,199	208,636	6,215,608	11,173,286
Totals.....	1,061	24,181	39,583,393	8,387,011	116,491,443	208,366,438
Quebec—						
Abitibi.....	175	1,239	1,687,033	111,445	5,112,735	8,279,140
Argenteuil.....	79	2,848	4,459,971	389,150	9,246,802	18,577,972
Arthabaska.....	144	3,477	4,882,022	294,156	13,367,663	22,343,003
Bagot.....	74	1,249	1,662,352	126,969	6,193,308	8,892,334
Beauce.....	181	2,236	2,474,434	193,615	6,575,984	11,065,927
Beauharnois.....	75	5,700	9,821,911	1,732,269	18,191,835	35,593,743
Bellechasse.....	91	348	322,030	40,363	2,085,256	2,732,175
Berthier.....	115	1,510	1,673,458	185,374	4,017,580	7,310,770
Bonaventure.....	106	640	609,527	35,136	1,805,015	2,786,263
Brome.....	39	447	475,364	56,211	1,699,346	2,533,747
Chambly.....	86	2,629	4,247,519	280,321	5,842,166	12,843,163
Champlain.....	209	6,057	10,034,870	2,390,086	27,183,203	56,905,056
Charlevoix East.....	49	561	1,030,560	703,877	2,082,506	5,610,892
Charlevoix West.....	36	99	89,897	6,830	325,420	468,366
Chateauguay.....	39	423	607,252	63,940	2,490,737	3,873,928
Chicoutimi.....	179	9,074	19,987,455	16,594,719	51,289,342	133,014,433
Compton.....	81	1,590	2,651,012	673,071	7,216,898	12,981,132
Deux Montagnes.....	44	283	266,232	34,122	1,291,631	1,857,368
Dorchester.....	106	608	728,013	78,708	3,506,385	4,938,334
Drummond.....	96	8,552	12,870,660	1,442,611	16,708,325	43,099,108
Frontenac.....	104	923	1,201,989	54,751	2,748,228	4,582,625
Gaspé East.....	120	1,303	1,756,494	424,015	4,850,833	9,529,300
Gaspé West.....	33	409	548,120	2,482	1,466,679	2,608,227
Gatineau.....	70	301	355,637	24,954	1,547,840	2,406,489
Hull.....	78	5,642	11,742,768	4,651,802	30,198,121	60,924,373
Huntingdon.....	33	663	1,201,755	101,932	4,418,831	6,968,605
Iberville.....	34	501	697,757	78,123	2,374,335	3,955,667
Jesus-Island.....	39	475	529,151	34,210	944,529	1,822,711
Joliette.....	21	2,522	3,615,548	650,523	9,136,671	16,195,023
Kamouraska.....	83	528	543,584	36,209	2,159,797	3,183,800
Labelle.....	85	611	681,330	31,591	2,728,617	4,258,279
Lac St. Jean East.....	76	1,453	3,320,592	2,343,336	11,279,098	25,646,964
Lac St. Jean West.....	171	1,261	2,291,708	1,051,470	8,649,879	17,008,336
Laprairie.....	31	966	1,575,617	649,541	2,997,220	6,880,656
L'Assomption.....	64	914	1,161,821	73,137	2,547,284	4,527,772
Levis.....	84	4,101	7,131,518	266,863	11,494,225	21,047,139
L'Islet.....	95	662	813,596	52,192	1,931,091	3,909,622
Lotbinière.....	106	560	584,732	87,441	3,255,461	4,542,537
Madeleine Islands.....	26	418	265,689	23,394	1,112,260	1,645,282
Maskinonge.....	80	1,329	1,655,054	187,405	4,326,317	8,099,415
Matane.....	75	868	1,318,119	43,981	3,577,354	6,762,892
Matapédia.....	76	610	841,497	25,983	3,494,413	5,016,407
Mégantic.....	76	1,088	2,255,165	152,329	4,322,148	7,859,085
Missisquoi.....	68	3,122	4,722,795	396,966	9,995,920	21,272,823
Montcalm.....	76	439	457,821	24,672	2,212,390	3,058,206
Montmagny.....	89	1,859	2,600,590	145,640	5,505,759	11,663,934
Montmorency No. 1.....	46	680	1,468,282	1,043,892	4,095,376	10,254,021
Montmorency No. 2 (Île d'Orléans).....	16	78	105,033	7,601*	261,603	446,469
Montreal.....	4,216	203,692	376,807,078	27,056,513	881,174,520	1,617,530,906
Napierville.....	28	544	637,260	71,012	2,659,707	4,137,159
Nicolet.....	121	942	1,055,920	79,059	4,325,438	6,410,727
Papineau.....	95	1,549	2,946,831	763,052	7,077,942	15,595,932
Pontiac.....	49	393	498,826	26,895	2,204,099	3,253,493
Portneuf.....	164	2,473	4,626,483	2,055,569	11,639,964	24,741,335
Québec.....	509	17,488	25,379,181	3,055,126	67,591,618	122,396,166
Richelieu.....	76	4,569	9,421,929	699,651	10,763,750	23,282,145
Richmond.....	75	2,800	5,004,648	1,113,730	13,357,031	24,958,526
Rimouski.....	141	1,230	1,761,744	75,478	5,429,289	9,002,460
Rivière-du-Loup.....	110	991	1,411,312	129,130	4,383,595	7,182,633
Rouville.....	81	1,173	1,350,620	140,413	5,038,916	8,103,733
Saguenay.....	60	1,021	2,691,411	308,201	10,410,576	18,994,407
Shefford.....	134	6,605	9,671,666	605,910	24,989,442	49,203,343
Sherbrooke.....	119	9,016	14,913,094	1,054,569	26,605,307	56,436,972
Soulanges.....	25	76	75,555	24,388	652,198	844,575

13.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1947—continued

County	Estab-lish-ments	Em-ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Quebec—Concluded						
Stanstead.....	98	5,017	7,475,402	810,274	33,186,413	42,120,869
St. Hyacinthe.....	138	5,667	7,676,107	503,317	21,710,658	35,169,000
St. Jean.....	77	5,266	8,893,830	644,816	13,599,164	31,437,501
St. Maurice.....	182	12,639	25,849,552	10,869,051	61,814,094	137,844,639
Témiscamingue.....	99	1,971	4,229,492	2,148,842	28,384,941	40,688,260
Témiscouata.....	89	812	1,043,096	37,053	3,418,850	5,279,169
Terrebonne.....	181	6,820	10,352,101	714,900	18,783,630	40,901,468
Vaudreuil.....	43	258	282,811	29,616	1,020,190	1,682,630
Verchères.....	66	1,106	1,654,108	254,068	6,499,857	11,628,739
Wolfe.....	78	540	639,497	144,067	1,800,460	2,782,782
Yamaska.....	64	335	362,726	81,784	2,669,845	3,676,340
Totals.....	11,223	379,449	662,837,614	91,595,892	1,601,055,840	3,017,049,422
Ontario—						
Addington.....	32	190	221,570	23,367	1,174,091	1,607,757
Algoma.....	101	6,934	15,921,477	4,909,447	43,646,255	79,759,850
Brant.....	183	15,339	27,978,723	1,450,407	53,408,985	99,842,962
Bruce.....	153	2,673	3,983,160	246,494	10,948,013	17,675,311
Carleton.....	301	10,765	19,292,989	1,503,248	34,827,221	74,442,402
Cochrane.....	112	3,872	9,521,243	2,489,747	21,918,857	55,228,356
Dufferin.....	34	306	379,063	45,795	2,136,255	2,993,852
Dundas.....	50	595	917,243	153,074	5,546,643	8,120,975
Durham.....	74	2,411	4,621,334	354,739	8,663,452	19,541,155
Elgin.....	99	2,698	4,327,633	361,413	19,519,779	28,287,481
Essex.....	377	35,899	80,840,757	6,389,639	233,765,875	420,526,936
Frontenac.....	102	5,520	10,209,797	1,056,243	19,255,625	43,066,363
Glengarry.....	81	394	365,399	65,012	2,770,899	3,494,964
Grenville.....	60	1,455	2,342,436	616,843	11,267,134	16,489,838
Grey.....	189	5,321	8,379,305	451,783	15,576,662	28,628,677
Haldimand.....	58	1,591	2,344,161	367,162	9,578,429	15,712,117
Haliburton.....	33	337	431,318	9,567	890,975	1,658,207
Halton.....	111	4,466	7,896,996	894,189	22,274,267	39,604,172
Hastings.....	229	6,132	9,455,606	1,567,275	23,946,071	48,501,891
Huron.....	140	1,842	2,758,828	408,128	17,964,439	24,790,933
Kenora.....	59	2,001	4,199,147	1,156,166	25,481,444	37,593,783
Kent.....	72	6,932	12,681,413	1,515,014	46,469,736	70,703,317
Lambton.....	126	7,861	16,582,578	6,808,637	72,144,100	117,680,587
Langark.....	115	3,994	6,267,593	401,098	11,604,404	22,627,055
Leeds.....	130	2,900	4,761,149	484,781	22,971,444	35,755,332
Lennox.....	41	625	965,643	276,123	2,597,182	4,926,028
Lincoln.....	197	13,906	27,365,107	2,001,953	48,101,094	98,870,086
Manitoulin.....	27	95	78,629	15,004	540,482	727,523
Middlesex.....	373	16,720	29,659,957	1,701,807	62,945,788	129,348,239
Muskoka.....	74	1,490	2,067,896	119,777	5,983,832	10,743,699
Nipissing.....	72	1,433	2,377,743	197,340	5,076,342	9,563,438
Norfolk.....	81	2,184	3,461,370	276,014	28,700,539	38,079,996
Northumberland.....	131	1,664	2,356,394	245,634	7,990,956	13,495,493
Ontario.....	138	9,781	22,008,705	1,138,117	74,485,584	120,234,019
Oxford.....	193	6,501	10,665,646	1,128,257	37,932,536	60,939,777
Parry Sound.....	81	1,021	1,477,522	159,547	3,847,954	8,196,089
Peel.....	95	4,319	8,741,644	1,500,606	24,336,653	45,883,430
Perth.....	171	5,616	9,718,810	1,306,106	25,037,200	42,192,575
Peterborough.....	144	10,507	20,908,035	1,093,525	58,873,556	94,631,830
Prescott.....	107	1,075	2,044,866	882,555	7,125,957	11,838,928
Prince Edward.....	73	891	928,171	137,383	4,099,840	6,923,721
Rainy River.....	45	1,257	3,134,390	590,997	6,254,743	15,075,299
Renfrew.....	194	3,950	5,930,222	486,206	13,031,498	23,817,663
Russell.....	80	277	250,004	45,460	1,990,590	2,488,085
Simcoe.....	201	5,586	8,739,939	620,704	22,429,083	40,473,904
Stormont.....	84	6,621	12,073,151	2,409,568	20,863,550	48,762,086
Sudbury.....	133	7,892	17,406,441	9,863,656	75,419,734	136,316,659
Thunder Bay.....	189	7,584	17,130,054	4,363,678	42,134,082	85,479,486
Timiskaming.....	102	1,358	2,097,559	116,939	4,180,574	7,905,642
Victoria.....	83	1,421	1,897,007	228,054	5,412,740	9,060,625
Waterloo.....	480	31,330	55,993,405	2,923,230	119,193,439	235,967,966
Welland.....	260	22,767	50,468,202	14,493,708	183,462,200	323,994,600
Wellington.....	212	8,331	14,764,268	971,524	31,835,352	58,137,272
Wentworth.....	591	53,243	105,746,790	14,883,026	212,437,400	428,352,731
York.....	4,077	175,628	340,712,515	17,832,627	777,492,201	1,476,310,888
District of Patricia.....	10	80	125,711	22,376	173,837	400,476
Totals.....	11,860	537,581	1,037,976,714	115,760,769	2,651,697,573	4,903,472,526

13.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1947—concluded

Census Division	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Manitoba—						
Division No. 1.....	65	271	246,449	49,505	1,759,383	2,349,432
Division No. 2.....	43	341	504,553	92,536	3,471,574	4,632,211
Division No. 3.....	26	120	139,847	20,862	1,248,608	1,539,967
Division No. 4.....	10	42	48,313	10,541	353,329	518,005
Division No. 5.....	51	3,071	6,475,247	1,043,570	14,238,047	26,149,008
Division No. 6.....	882	31,758	55,730,505	4,336,607	189,581,446	307,352,670
Division No. 7.....	56	832	1,212,274	154,282	7,676,194	10,439,166
Division No. 8.....	15	97	104,930	15,075	1,306,550	1,676,145
Division No. 9.....	24	1,498	2,783,077	595,916	2,595,445	6,890,614
Division No. 10.....	22	165	235,587	114,077	1,007,254	1,680,168
Division No. 11.....	21	74	84,890	15,547	923,969	1,139,879
Division No. 12.....	42	127	98,778	26,377	1,227,310	1,507,852
Division No. 13.....	37	181	191,013	25,341	1,176,038	1,597,174
Division No. 14.....	42	171	162,408	16,261	1,305,097	1,758,794
Division No. 15.....	20	61	47,756	11,088	568,645	733,331
Division No. 16.....	57	569	907,026	292,832	8,497,454	13,165,865
Totals	1,413	39,378	68,972,653	6,820,417	236,936,343	383,130,281
Saskatchewan—						
Division No. 1.....	23	194	336,383	45,838	1,016,965	1,629,709
Division No. 2.....	16	98	132,163	27,244	1,356,290	1,639,949
Division No. 3.....	10	40	42,175	3,864	110,499	174,119
Division No. 4.....	12	68	89,219	15,058	561,440	726,521
Division No. 5.....	34	183	246,731	47,209	3,182,919	3,890,406
Division No. 6.....	127	2,805	5,176,168	1,040,932	27,565,817	39,825,328
Division No. 7.....	47	1,613	3,143,561	522,128	31,551,026	37,637,256
Division No. 8.....	21	428	725,957	52,842	4,096,092	6,661,141
Division No. 9.....	70	481	568,847	83,495	3,313,797	4,659,237
Division No. 10.....	17	88	109,412	22,147	1,415,448	1,769,362
Division No. 11.....	110	2,649	4,791,946	551,510	34,738,053	46,556,359
Division No. 12.....	18	70	108,382	37,213	1,514,484	1,890,935
Division No. 13.....	14	59	68,181	16,243	596,620	742,140
Division No. 14.....	219	764	769,528	88,233	2,525,104	4,534,077
Division No. 15.....	98	1,194	1,844,780	213,087	10,491,851	15,134,668
Division No. 16.....	75	338	340,745	48,199	2,138,564	2,931,869
Division No. 17.....	64	646	1,163,551	707,266	25,267,143	26,031,481
Division No. 18.....	24					
Unlocated sawmills.....	2	5	4,241	150	6,909	17,642
Totals	1,001	11,723	19,661,970	3,522,658	151,449,021	196,452,199
Alberta—						
Division No. 1.....	33	1,127	1,913,959	134,339	14,772,532	19,759,550
Division No. 2.....	86	1,587	2,542,210	266,809	9,971,229	17,299,817
Division No. 3.....	11	632	1,080,353	76,326	1,781,952	3,909,288
Division No. 4.....	25	437	776,373	89,556	5,933,529	8,760,257
Division No. 5.....	10	33	33,580	5,918	266,566	349,225
Division No. 6.....	317	8,211	15,453,027	2,382,882	79,557,257	115,335,498
Division No. 7.....	27	137	199,205	45,515	2,270,754	2,977,247
Division No. 8.....	76	513	743,803	127,454	6,329,657	8,160,951
Division No. 9.....	86	518	620,492	61,538	2,572,557	3,942,394
Division No. 10.....	34	187	252,901	61,412	3,170,488	4,025,115
Division No. 11.....	283	8,053	14,618,013	899,259	65,282,808	94,421,356
Division No. 12.....	132	976	1,213,439	108,130	3,474,216	6,076,707
Division No. 13.....	37	121	96,813	15,782	1,011,351	1,275,075
Division No. 14.....	79	435	524,201	51,470	3,081,670	4,408,477
Division No. 15.....	66	463	566,967	45,563	1,120,808	2,265,063
Division No. 16.....	74	481	584,437	58,822	1,666,787	2,974,502
Division No. 17.....	6	30	26,398	3,497	59,874	113,607
Totals	1,382	23,941	41,246,171	4,440,268	202,324,036	296,054,129
British Columbia—						
Division No. 1.....	96	1,057	1,877,188	171,040	3,474,981	7,438,069
Division No. 2.....	124	6,343	14,576,240	3,084,440	76,935,915	113,063,933
Division No. 3.....	217	2,498	3,924,875	303,708	8,720,830	17,138,734
Division No. 4.....	1,601	52,060	104,149,816	7,281,095	274,450,258	515,460,871
Division No. 5.....	436	12,698	25,506,675	2,509,053	45,122,858	109,082,187
Division No. 6.....	140	1,400	2,086,694	135,146	3,901,390	8,286,871
Division No. 7.....	35	3,246	8,647,568	1,957,968	26,190,063	57,383,221
Division No. 8.....	309	2,310	3,459,849	263,710	6,172,038	13,374,988
Division No. 9.....	59	1,437	2,706,538	180,904	7,878,350	15,702,764
Division No. 10.....	23	202	347,224	23,863	843,994	1,352,954
Totals	3,040	83,161	167,282,667	15,911,737	453,670,677	858,284,592
Totals, Yukon and North- west Territories						
	14	145	313,281	128,546	690,533	1,344,109

APPENDIX I

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1947

GREATER MONTREAL

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Foods and Beverages—						
Bakery Products—						
Biscuits.....	7	1,218	1,550,789	111,671	5,250,886	9,513,495
Bread and other bakery products	163	4,706	7,704,690	725,082	12,692,895	26,588,621
Beverages—						
Breweries ¹	7	3,149	7,123,285	579,916	7,388,508	29,108,040
Carbonated beverages.....	29	1,100	2,050,695	168,815	4,466,518	13,697,257
Distilleries.....	4	1,078	2,075,073	445,587	9,822,402	17,415,730
Head Offices—Distilleries ¹¹	—	188	653,991	—	—	—
Canning and Preserving—						
Fruit and vegetable preparations	37	1,001	1,340,178	124,561	6,447,377	9,928,292
All other industries.....	1	3	6,267	—	18,810	33,683
Dairy Products—						
Butter and cheese.....	7	1,153	2,424,511	211,728	6,563,354	10,864,675
Processed cheese.....	4	306	478,238	27,656	4,686,039	8,555,651
Other dairy products.....	7	109	172,877	31,188	774,276	1,455,175
Meat Products—						
Sausage and sausage casings.....	20	201	268,323	34,579	1,180,028	1,719,932
Slaughtering and meatpacking..	21	2,466	5,013,316	477,968	51,581,246	61,295,778
Miscellaneous Foods—						
Feed and chopping mills.....	3	24	30,267	4,403	343,347	394,447
Prepared stock and poultry feed	13	577	1,152,780	90,535	22,144,036	26,606,282
Confectionery, cocoa, etc.....	42	2,006	2,712,978	196,476	10,499,391	19,731,432
Macaroni, spaghetti, etc.....	4	406	653,367	63,922	2,199,118	3,502,519
Malt and malt products.....	4	122	256,059	129,217	2,298,327	3,104,321
Miscellaneous foods.....	65	1,449	2,534,970	244,053	23,269,855	33,285,180
All other industries ³	6	1,539	3,513,890	960,781	48,823,669	57,262,578
Other head offices ¹¹	—	113	405,407	—	—	—
Totals.....	444	22,914	42,121,951	4,628,138	220,450,082	334,063,088
Tobacco and Tobacco Products...	35	6,322	10,951,097	173,257	33,761,719	63,157,894
Rubber Products.....	7	2,212	4,177,123	275,954	6,015,897	12,733,085
Leather Products—						
Belting, leather.....	5	122	207,516	11,143	527,505	891,404
Boots and shoes.....	83	7,688	10,983,156	158,322	19,350,665	35,779,185
Boot and shoe findings.....	12	169	265,164	25,903	293,841	650,623
Gloves and mittens.....	25	1,005	1,300,969	12,312	2,293,434	4,320,383
Miscellaneous leather goods.....	96	2,010	2,698,691	41,540	3,799,021	7,954,554
Tanneries.....	6	228	384,589	33,769	1,398,422	2,027,426
Totals.....	227	11,222	15,840,085	282,989	27,662,888	51,622,575
Textile Products						
(Except Clothing)—						
Cotton Goods—						
Batting and wadding.....	3	113	221,769	26,925	732,138	1,308,767
Cotton and wool waste.....	9	180	250,461	22,341	1,139,846	1,604,968
Cotton thread.....	4	717	1,020,338	50,737	3,059,999	5,386,810
Cotton yarn and cloth.....	4	2,794	4,055,401	462,306	8,748,149	17,364,240
Miscellaneous cotton textiles.....	77	1,524	1,914,595	24,876	6,049,451	9,665,197
Head offices ¹¹	—	392	1,323,967	—	—	—
Woollen Goods—						
Woollen cloth.....	6	84	94,363	996	117,235	286,466
All other industries ³	4	119	257,358	16,901	549,145	1,071,543
Head offices ¹¹	—	19	110,132	—	—	—
Other Primary Textiles—						
Dyeing and finishing of textiles.	21	510	986,384	124,883	272,803	1,945,997
Narrow fabrics, laces, etc.....	14	405	620,549	18,111	704,452	1,432,852
Miscellaneous Textiles—						
Awnings, tents and sails.....	16	311	486,683	12,121	1,307,146	1,754,606
Bags, cotton and jute.....	10	619	888,242	30,333	11,306,689	13,532,204
Miscellaneous textiles.....	7	1,165	2,675,351	231,039	6,780,503	12,350,990
All other industries ⁴	5	268	423,878	21,170	1,192,105	2,383,868
Other head offices ¹¹	—	381	1,471,657	—	—	—
Totals.....	180	9,601	16,801,128	1,012,739	41,959,661	70,988,598

For footnotes, see end of table, p. 111.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1947—con.
GREATER MONTREAL—Continued

Industry	Estab-lish-ments	Em-ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Clothing (Textile and Fur)—						
Men's, Women's, Children's—						
Clothing contractors, men's....	89	1,985	3,111,947	26,175	356,937	4,099,259
Clothing contractors, women's....	56	774	1,031,187	14,543	52,913	1,418,119
Clothing, men's factory.....	311	10,977	17,986,631	162,467	44,828,431	84,407,951
Clothing, women's factory.....	726	19,641	31,105,618	251,463	60,488,665	120,040,028
Head offices ¹¹	—	154	546,417	—	—	—
Miscellaneous Clothing—						
Hosiery and knit goods.....	53	2,695	3,512,499	83,129	6,616,302	12,622,759
Head offices, knit goods ¹¹	—	82	264,524	—	—	—
Corsets.....	11	425	569,510	4,216	907,236	2,004,821
Fur dressing and dyeing.....	9	745	1,322,035	62,384	463,799	2,667,006
Fur goods.....	244	2,491	4,675,195	60,765	16,997,171	25,895,060
Hats and caps.....	69	2,288	3,565,528	81,373	4,879,291	11,042,254
Oiled and waterproofed clothing.....	9	220	396,592	4,455	954,868	1,819,080
All other industries.....	1	10	25,746	443	33,301	68,609
Totals.....	1,578	42,487	68,113,429	751,413	136,578,914	266,084,946
Wood Products—						
Saw and Planing Mills—						
Planing mills, sash and door fac-tories.....	53	989	1,750,575	69,276	4,457,298	7,501,780
Sawmills.....	3	6	1,962	325	7,625	12,035
Furniture.....	172	4,315	7,469,959	228,319	12,871,770	25,828,788
Miscellaneous Wood Products—						
Boxes, baskets and crates.....	10	626	985,735	24,214	1,597,712	3,180,556
Cooperage.....	4	72	110,624	8,847	465,915	807,204
Lasts, trees, other wood shoe findings.....	7	396	591,392	21,203	491,002	1,284,216
Miscellaneous wood industries....	57	563	824,193	38,282	1,115,033	2,473,198
Refrigerators, other than electric	3	83	147,999	5,950	143,771	388,546
Wood turning.....	4	31	42,030	2,011	30,891	97,062
All other industries ⁶	7	362	525,579	41,233	1,291,185	2,313,788
Totals.....	320	7,443	12,450,048	439,660	22,472,202	43,887,173
Paper Products—						
Boxes and bags.....	28	2,717	3,984,186	130,229	9,530,260	17,239,118
Miscellaneous paper products....	39	906	1,396,450	49,496	4,432,067	7,390,894
Roofing paper.....	3	822	1,648,574	133,123	4,641,435	9,248,332
All other industries ⁶	4	365	839,760	235,442	1,734,178	3,860,389
Head offices ¹¹	—	871	3,403,147	—	—	—
Totals.....	74	5,681	11,272,117	518,290	20,337,940	37,738,733
Printing and Publishing and Allied Products—						
Blueprinting.....	5	98	170,647	4,328	94,265	430,238
Engraving, stereotyping and electrotyping.....	26	646	1,760,938	36,211	675,287	3,611,433
Lithographing.....	9	675	1,457,568	33,211	2,189,677	4,757,866
Printing and bookbinding.....	297	4,696	8,631,566	183,394	7,124,919	20,615,407
Printing and publishing.....	23	3,762	8,242,313	168,559	6,582,172	22,758,887
Trade composition.....	10	202	456,738	7,980	64,816	848,711
Totals.....	370	10,079	20,719,790	433,683	16,731,136	53,022,542
Iron and Steel Products—						
Boilers, tanks and platework....	9	1,133	2,706,601	109,216	3,431,108	7,738,507
Bridge and structural steel.....	6	2,936	6,768,845	303,712	7,998,581	15,824,443
Hardware, tools and cutlery.....	43	2,572	4,845,984	254,745	4,526,145	14,869,697
Heating and cooking apparatus....	13	565	1,166,727	64,198	1,720,759	3,776,548
Iron castings.....	11	2,418	5,160,285	364,418	6,593,772	15,269,469
Machine shops.....	66	1,147	2,356,750	83,422	1,138,499	4,692,438
Machinery.....	34	4,299	9,181,007	382,961	9,758,335	21,626,106
Miscellaneous iron and steel pro-ducts.....	49	709	1,191,151	46,863	981,590	2,654,769
Primary iron and steel.....	4	2,239	4,907,321	943,106	4,054,435	13,636,374
Sheet metal products.....	46	5,039	9,214,069	405,391	17,142,883	32,944,605
Wire and wire goods.....	19	1,421	2,861,447	274,727	3,160,258	11,566,399
Totals.....	300	24,478	50,360,187	3,232,759	60,506,365	144,599,355

For footnotes, see end of table, p. 111.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1947—con.

GREATER MONTREAL—Continued

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Transportation Equipment—						
Aircraft and aircraft supplies....	5	6,774	15,320,174	493,205	13,287,604	35,500,827
Automobile supplies ¹⁰	13	539	889,226	41,472	3,147,245	4,688,434
Boatbuilding.....	3	10	11,843	453	9,672	20,354
Carriages, wagons and sleighs.....	3	35	66,462	2,166	43,886	127,140
Railway rolling-stock.....	9	13,152	28,587,787	1,806,582	33,569,091	75,512,406
Shipbuilding and repairs.....	5	3,211	7,770,296	285,861	9,478,888	18,735,202
All other industries.....	2	37	48,177	1,450	75,495	137,112
Totals.....	40	23,758	52,693,965	2,631,189	59,611,881	134,721,475
Non-ferrous Metal Products—						
Aluminum products.....	14	136	218,482	10,891	160,432	541,412
Brass and copper products.....	31	2,846	5,516,406	505,778	18,998,311	27,243,355
Jewellery and silverware.....	54	1,217	1,895,777	29,650	2,324,237	5,247,907
White metal alloys.....	16	376	838,909	57,375	7,559,632	10,033,225
All other industries.....	2	44	86,033	2,744	61,166	150,379
Totals.....	117	4,619	8,555,607	606,438	29,103,778	43,216,278
Electrical Apparatus and Supplies.....	59	15,861	30,830,982	775,817	36,439,304	87,117,949
Non-Metallic Mineral Products—						
Cement products.....	27	726	1,354,458	236,804	2,245,258	5,255,507
Glass products.....	28	2,147	3,844,976	1,208,193	4,520,415	13,622,677
Miscellaneous non-metallic mineral products.....	11	156	301,568	35,893	719,673	1,613,387
Stone products.....	12	216	425,997	43,043	218,224	826,715
All other industries ⁷	9	925	2,027,078	2,417,207	2,830,058	11,518,160
Totals.....	87	4,170	7,954,077	3,941,140	10,533,628	32,836,446
Products of Petroleum and Coal⁸.....	7	2,395	5,634,714	5,822,081	63,348,985	91,125,838
Chemicals and Allied Products—						
Adhesives.....	7	142	316,654	15,384	944,033	1,503,409
Gases, compressed.....	8	265	561,498	67,436	319,094	2,297,517
Inks, printing and writing.....	9	112	180,505	10,658	366,416	872,007
Medicinal and pharmaceutical preparations.....	66	3,144	5,998,288	285,980	11,355,272	29,723,074
Miscellaneous chemical products	41	629	1,328,327	136,814	4,978,790	9,139,047
Paints and varnishes.....	31	2,354	4,473,006	212,329	14,617,230	26,464,660
Polishes and dressings.....	13	165	272,898	14,354	933,752	1,687,349
Soaps, washing and cleaning com- pounds.....	26	448	821,956	67,415	1,975,908	4,108,249
Toilet preparations.....	30	578	961,092	22,761	2,117,008	5,843,333
Vegetable oil mills.....	3	187	325,677	41,253	6,182,066	6,920,323
All other industries ⁹	8	289	631,103	142,380	5,889,236	7,934,782
Totals.....	242	8,313	15,871,004	1,016,764	49,678,805	96,493,750
Miscellaneous Manufacturing Industries.....						
Artificial flowers and feathers...	20	351	503,324	4,529	461,991	1,281,748
Brooms, brushes and mops.....	21	402	516,826	18,198	1,021,863	1,852,517
Buttons.....	18	472	796,295	18,180	879,610	2,091,215
Candles.....	7	111	167,792	9,331	352,380	755,006
Hair, human and animal.....	9	84	141,914	2,464	475,200	728,010
Ice, manufactured.....	5	49	110,411	46,128	16,256	374,200
Lamps, electric and lamp shades	12	264	370,881	10,094	538,123	1,098,586
Pipes and smokers' supplies.....	5	110	186,266	5,459	440,616	875,447
Plastic products.....	18	160	250,967	16,930	494,373	1,077,037

For footnotes, see end of table, p. 111.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1947—con.

GREATER MONTREAL—Concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Miscellaneous Manufacturing Industries—concluded						
Scientific and professional equip- ment.....	12	225	354,067	10,252	585,608	1,172,995
Signs, neon and other.....	6	189	284,549	9,175	166,405	652,810
Sporting goods.....	7	310	402,995	13,046	642,393	1,349,724
Stamps and stencils, rubber and metal.....	10	95	155,202	4,293	59,649	299,760
Statuary, art goods and novelties	36	353	480,828	10,317	377,241	1,089,250
Toys and games.....	9	117	131,637	7,151	127,507	258,342
All other industries ¹⁰	8	557	849,295	25,566	1,437,663	3,661,036
Head offices ¹¹	—	135	252,947	—	—	—
Totals.....	203	3,984	5,956,196	211,113	8,076,878	18,617,683
Grand Total, Greater Montreal¹²	4,290	205,539	379,403,500	26,813,424	843,270,063	1,581,128,318

¹ Includes: 1 winery.

² Includes: Flour mills, 2; prepared breakfast foods, 1; rice, 1; sugar 2.

³ Includes: Miscellaneous woollen goods, 3; woollen yarn, 1.

⁴ Includes: Automobile accessories, fabric, 2; cordage, rope and twine, 1; synthetic textiles and silk, 2.

⁵ Includes: Coffins and caskets, 2; excelsior, 1; hardwood flooring, 2; plywood and veneer mills, 1; wood preservation, 1.

⁶ Includes: Pulp and paper mills, 2; wallpaper, 2.

⁷ Includes: Asbestos products, 2; cement, Portland, 1; clay products from domestic and imported clay, 2; gypsum products, 1; lime, 1; sand-lime brick, 1; brick and tile, 1.

⁸ Includes: Coke and gas products, 2; petroleum refining and products, 5.

⁹ Includes: Acids, alkalies and salts, 2; coal tar distillation, 2; fertilizers, 2; hardwood, 2.

¹⁰ Includes: 1 automobiles.

¹¹ Head offices of establishments not located in Greater Montreal.

¹² Totals for Greater Montreal exclude the non-ferrous smelting and refining industry.

GREATER TORONTO

Foods and Beverages—						
Bakery Products—						
Biscuits.....	7	1,481	2,043,621	145,755	4,755,900	11,656,580
Bread and other bakery pro- ducts.....	235	5,770	9,396,521	777,832	14,782,584	32,664,579
Head offices ¹⁰	—	62	273,766	—	—	—
Beverages—						
Breweries.....	5	747	1,592,226	139,859	3,268,691	13,886,229
Carbonated beverages.....	21	920	1,383,689	120,115	3,176,669	8,651,989
Distilleries.....	3	342	813,393	152,567	3,621,448	7,418,911
Wineries.....	6	95	266,139	10,208	667,559	1,367,330
Head offices ¹⁰	—	140	626,616	—	—	—
Canning and Preserving—						
Fruit and vegetable preparations	31	1,549	2,572,976	127,809	10,223,092	16,404,440
Dairy Products—						
Butter and cheese.....	9	1,784	3,905,041	262,467	10,593,786	17,703,908
Processed cheese.....	4	183	267,985	13,229	4,078,002	5,072,841
Other dairy products.....	12	64	93,729	8,938	252,422	421,148
Grain Mill Products—						
Flour and feed mills.....	11	314	596,997	63,802	6,723,605	9,544,556
Prepared breakfast foods.....	3	58	80,889	4,634	432,121	811,175
Prepared stock and poultry feeds	13	542	992,275	76,696	10,078,638	12,408,792
Head offices ¹⁰	—	50	184,346	—	—	—
Meat Products—						
Animal oils and fats.....	4	81	196,350	31,484	448,407	897,480
Sausage and sausage casings.....	15	135	219,641	22,099	1,538,933	1,972,348
Slaughtering and meatpacking..	22	4,532	10,412,466	733,812	92,686,019	111,268,638
Miscellaneous Foods—						
Confectionery, cocoa, etc.....	40	4,036	5,893,605	323,436	18,361,013	32,683,661
Macaroni, spaghetti, etc.....	3	103	182,565	14,559	451,536	713,447
Miscellaneous foods ¹	70	2,466	4,314,206	251,860	28,736,446	40,351,850
Totals.....	514	25,454	46,309,042	3,281,161	214,876,721	325,899,902

For footnotes, see end of table, p. 114.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1947—con.

GREATER TORONTO—Continued

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Tobacco and Tobacco Products...	8	373	507,046	11,297	1,029,956	2,257,180
Rubber Products.....	14	7,364	16,415,417	1,026,850	31,924,980	73,341,292
Leather Products—						
Belting, leather.....	5	83	144,633	2,047	546,729	819,688
Boots and shoes.....	29	1,418	2,176,475	24,042	3,547,347	6,697,258
Gloves and mittens.....	6	61	81,831	2,209	117,997	225,292
Miscellaneous leather.....	74	1,490	2,205,114	38,767	3,485,280	6,771,662
Tanneries.....	5	725	1,453,349	129,102	5,254,525	8,703,757
All other industries.....	1	11	12,500	5,013	10,915	29,567
Totals.....	120	3,788	6,073,902	201,180	12,962,793	23,247,224
Textiles (Except Clothing)—						
Cotton Goods—						
Cotton and wool waste.....	10	211	419,102	24,113	2,731,970	3,616,482
Miscellaneous cotton goods.....	40	798	1,220,532	24,260	3,108,935	5,425,869
All other industries ²	4	128	161,470	11,166	545,403	838,376
Woolen Goods—						
Miscellaneous woollen goods.....	12	411	839,492	61,790	2,988,345	4,803,960
Woollen cloth.....	9	700	1,213,625	65,222	4,435,976	6,668,398
Woollen yarn.....	7	903	1,437,595	77,455	3,299,460	5,937,412
Head offices ¹⁰	—	45	234,977	—	—	—
Other Primary Textiles—						
Dyeing and finishing of textiles.....	10	308	590,992	43,736	210,815	1,511,532
Narrow fabrics, laces, etc.....	12	190	270,082	4,801	454,837	879,399
Head offices ¹⁰	—	52	189,937	—	—	—
Miscellaneous Textiles—						
Automobile accessories, fabric..	3	33	58,543	1,592	114,548	213,087
Awnings, tents and sails.....	16	209	317,578	8,576	805,006	1,315,393
Bags, cotton and jute.....	4	182	252,885	8,685	2,566,390	3,287,624
Carpets, mats and rugs.....	4	400	754,039	57,690	1,129,938	2,825,539
All other industries ³	5	708	1,254,960	85,917	3,553,689	6,593,473
Totals.....	136	5,278	9,215,809	475,003	25,945,312	43,916,544
Clothing (Textile and Fur)						
Men's, Women's and Children's—						
Clothing, men's factory.....	110	6,670	11,704,159	96,677	20,594,723	38,358,691
Clothing, women's factory.....	323	7,354	13,833,803	108,315	21,785,560	44,274,450
Clothing contractors, men's.....	18	210	385,619	3,270	58,559	563,850
Clothing contractors, women's.....	24	230	399,800	6,996	46,043	558,882
Hosiery and knitted goods.....	49	3,214	4,959,424	148,701	8,957,416	17,070,571
Miscellaneous Clothing—						
Corsets.....	18	807	1,070,238	8,094	1,567,854	3,486,786
Fur dressing and dyeing.....	6	257	485,979	17,685	128,600	855,206
Fur goods.....	190	1,695	3,792,126	44,619	12,992,429	19,658,524
Hats and caps.....	63	1,234	2,084,329	36,380	2,851,209	6,318,425
Oiled and waterproofed.....	4	176	311,324	6,158	815,410	1,356,888
All other industries.....	1	24	34,629	478	56,891	115,000
Head offices ¹⁰	—	8	41,196	—	—	—
Totals.....	806	21,879	39,102,626	477,373	69,855,294	133,217,273
Wood Products—						
Saw and Planing Mills—						
Hardwood flooring.....	3	163	327,508	26,104	553,537	1,083,106
Planing mills, sash and door fac- tories.....	36	821	1,370,481	52,697	4,200,930	6,413,174
All other industries.....	2	13	12,453	1,078	35,689	54,779
Furniture.....	187	3,222	5,923,520	168,754	11,108,316	21,156,635

For footnotes, see end of table, p. 114.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1947—con.

GREATER TORONTO—Continued

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Wood Products—concluded						
Miscellaneous Wood Products—						
Boxes, baskets and crates.....	9	399	672,111	9,615	1,205,944	2,454,241
Coffins and caskets.....	4	115	190,828	7,167	268,292	580,964
Miscellaneous wood products.....	86	897	1,507,817	50,183	1,761,557	4,289,201
Refrigerators, other than electric	3	46	82,466	2,021	88,544	228,863
Wood turning.....	8	27	32,860	1,520	22,110	77,660
All other industries ⁴	6	107	185,418	7,307	303,547	646,873
Totals.....	344	5,810	10,305,462	326,446	19,548,466	36,985,496
Paper Products—						
Boxes and bags, paper.....	43	3,781	6,457,296	196,360	16,260,610	28,914,749
Miscellaneous paper products.....	57	2,458	4,021,931	125,397	8,033,409	17,377,711
Pulp and paper mills.....	8	819	2,050,651	999,570	7,377,980	14,152,938
All other industries ⁵	5	683	1,362,896	124,611	2,924,077	6,320,853
Head offices ¹⁰	—	435	1,564,998	—	—	—
Totals.....	113	8,176	15,457,772	1,445,938	34,596,076	66,766,251
Printing, Publishing and Allied Products—						
Blueprinting.....	5	67	115,527	2,475	69,354	280,531
Engraving, stereotyping and elec- trotyping.....	37	1,684	4,513,296	74,754	1,497,064	7,800,549
Lithographing.....	18	1,387	2,977,954	47,899	4,024,158	9,151,909
Printing and bookbinding.....	340	7,335	13,029,603	269,319	14,476,216	37,757,381
Printing and publishing.....	39	5,561	13,505,066	247,812	12,785,863	38,337,021
Trade composition.....	17	285	701,271	9,390	105,872	1,135,471
Totals.....	456	16,319	34,842,717	651,649	32,958,527	94,462,862
Iron and Steel Products—						
Boilers, tanks and platework....	9	2,389	5,569,464	257,296	5,720,163	15,699,664
Bridge and structural steel.....	4	888	2,333,833	80,740	3,011,245	7,073,680
Hardware, tools and cutlery.....	81	2,776	5,889,752	302,177	4,733,761	13,545,230
Heating and cooking apparatus....	21	1,428	2,751,693	120,226	4,348,464	10,918,033
Iron castings.....	16	1,922	4,408,761	270,167	3,879,795	11,714,722
Machinery.....	82	5,061	10,789,999	299,667	16,576,082	45,171,415
Machine shops.....	78	717	1,388,507	44,379	832,216	3,125,180
Miscellaneous iron and steel pro- ducts.....	52	1,008	1,848,959	56,964	1,622,469	4,928,062
Sheet metal products.....	66	5,237	10,057,079	450,291	17,882,971	35,580,917
Wire and wire goods.....	22	285	535,718	49,090	1,192,586	2,248,576
All other industries.....	4	3,558	7,379,005	276,618	12,554,306	23,039,934
Totals.....	435	25,279	52,952,770	2,207,615	72,354,058	173,045,413
Transportation Equipment—						
Automobile equipment.....	25	2,952	5,833,407	293,565	7,936,061	18,561,248
Bicycles.....	4	636	1,185,309	73,765	1,712,063	3,778,725
Boatbuilding.....	5	72	70,229	2,292	35,685	88,967
Railway rolling-stock.....	4	1,143	2,437,224	89,028	2,735,636	5,618,534
All other industries ⁶	5	964	2,204,080	63,731	3,275,908	6,194,035
Totals.....	43	5,767	11,730,249	522,381	15,695,353	34,241,509
Non-ferrous Metal Products—						
Aluminum products.....	25	1,800	3,515,769	212,647	4,449,911	8,775,813
Brass and copper products.....	42	2,819	6,769,360	561,394	18,760,229	30,480,084
Jewellery and silverware.....	77	1,982	3,762,073	101,127	11,354,167	17,561,114
Miscellaneous non-ferrous metal products.....	11	702	1,311,841	26,789	2,659,671	4,866,611
White metal alloys.....	12	1,070	2,242,251	247,767	10,985,644	15,623,747
Totals.....	167	8,373	17,601,294	1,149,724	48,209,622	77,307,369
Electrical Apparatus and Supplies.....	125	16,727	33,565,147	1,222,415	69,782,723	143,170,237

For footnotes, see end of table, p. 114.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1947—con.

GREATER TORONTO—Concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Non-metallic Mineral Products—						
Brick and tile.....	6	313	604,875	293,966	49,246	985,463
Cement products.....	36	391	737,761	82,261	1,068,651	2,679,096
Clay products from imported and domestic clays.....	5	89	116,331	13,015	238,282	656,490
Glass products.....	31	616	1,105,444	145,181	1,116,394	3,364,277
Miscellaneous non-metallic min- eral products.....	12	307	665,462	42,523	1,559,491	3,009,059
Stone products.....	22	540	1,103,854	150,843	1,573,039	4,096,456
All other industries ⁷	6	106	180,089	49,190	133,655	493,411
Totals.....	118	2,362	4,513,816	776,979	5,738,758	15,284,252
Products of Petroleum and Coal⁸..	9	1,580	3,221,417	1,657,694	15,988,879	25,007,567
Chemicals and Allied Products—						
Acids, alkalis and salts.....	6	115	265,890	120,887	1,264,755	2,272,710
Adhesives.....	10	338	746,758	107,852	1,619,004	2,691,014
Gases, compressed.....	10	269	570,772	99,746	410,296	2,091,603
Inks, printing and writing.....	17	578	1,236,137	49,391	2,667,036	5,963,654
Medicinal and pharmaceutical preparations.....	64	2,293	3,910,967	87,209	7,865,496	19,374,644
Miscellaneous chemicals.....	58	619	1,291,831	145,166	7,155,993	11,354,258
Paints and varnishes.....	36	1,757	3,625,922	175,106	12,394,590	24,031,172
Polishes and dressings.....	22	260	424,028	16,564	1,450,907	2,564,879
Soaps, washing and cleaning com- pounds.....	35	1,941	4,118,024	394,532	16,787,597	34,294,898
Toilet preparations.....	38	949	1,468,433	23,607	3,233,268	7,967,412
Vegetable oil mills.....	3	255	617,497	137,388	10,200,169	12,907,188
All other industries ⁹	6	393	844,022	178,514	3,650,752	6,321,071
Totals.....	305	9,767	19,120,281	1,535,962	68,759,863	131,834,503
Miscellaneous Manufacturing Industries—						
Artificial flowers and feathers... Brooms, brushes and mops..... Buttons..... Fountain pens..... Hair goods, human and animal. Ice, manufactured..... Lamps, electric and lamp shades Miscellaneous industries..... Musical instruments..... Pipes and other smoker's supplies Plastics products..... Scientific and professional instru- ments and equipment..... Signs, neon and others..... Sporting goods..... Stamps and stencils, rubber and metal..... Statuary, art goods and novelties Toys and games..... Typewriter supplies..... Umbrellas..... All other industries.....	15 11 4 5 6 17 23 4 10 4 27 27 10 13 9 36 24 5 3 1	208 437 175 685 86 146 447 128 335 223 1,263 2,278 285 499 285 421 790 228 76 1	234,096 694,826 284,632 1,204,563 137,795 307,478 613,387 168,921 589,806 325,869 1,868,772 4,804,874 615,035 883,477 546,204 602,458 1,162,678 475,234 105,483 1,838	5,299 11,539 2,876 13,355 3,659 89,026 19,196 4,386 29,020 5,881 51,588 168,468 13,348 20,112 9,246 15,556 28,060 10,604 960 240	162,884 1,291,599 290,007 1,530,375 230,009 39,246 1,035,438 144,067 564,617 483,994 3,575,053 6,350,461 614,282 1,283,230 288,010 678,637 1,217,796 1,032,538 314,431 11,543	489,737 2,837,315 756,854 5,173,733 446,941 1,724,091 2,037,749 377,569 1,236,514 2,079,597 6,703,335 15,379,153 1,601,858 2,796,000 1,010,484 1,653,997 3,104,439 2,110,518 595,864 17,175
Totals.....	254	8,996	15,627,426	502,419	21,138,217	52,132,923
Grand Totals, Greater Toronto.	3,967	173,292	336,562,193	17,472,086	761,365,598	1,452,117,797

¹ Includes: 1 malt and malt products.² Includes: Cotton thread, 1; cotton yarn and cloth, 2; cotton batting and wadding, 1.³ Includes: Synthetic textiles and silk, 1; cordage, rope and twine, 1; miscellaneous textiles, 3.⁴ Includes: Beekeepers' and poultrymen's supplies, 1; cooperage, 2; excelsior, 1; lasts, trees, and other wooden shoe findings, 1; woodenware, 1.⁵ Includes: Roofing paper, 2; wallpaper, 3.⁶ Includes: Automobiles, 1; aircraft and aircraft parts, 2; shipbuilding and repairs, 2.⁷ Includes: Asbestos products, 2; abrasive products, 1; salt, 1; sand-lime brick, 2.⁸ Includes: Coke and gas products, 1; petroleum refining and products, 8.⁹ Includes: Coal tar distillation, 2; fertilizers, 2; primary plastics, 2.¹⁰ Head offices of establishments not located in Greater Toronto.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1947—con.

GREATER HAMILTON

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Foods and Beverages—						
Bakery Products—						
Biscuits.....	3	98	132,966	19,825	206,978	518,123
Bread and other bakery products	55	1,332	2,077,578	181,714	2,945,027	6,133,172
Beverages—						
All industries ¹	17	303	553,024	44,157	791,588	2,673,741
Canning and Preserving—						
Fruit and vegetable preparations	14	819	930,400	91,030	5,340,635	8,263,439
Dairy Products—						
Butter and cheese ²	4	386	821,608	56,381	1,873,970	3,522,290
Grain Mill Products—						
Flour and feed mills.....	4	13	13,530	2,903	191,797	243,489
Meat Products—						
Slaughtering and meatpacking ³ ..	7	674	1,396,386	117,591	17,039,195	19,805,321
Miscellaneous Foods—						
Confectionery, cocoa, etc.....	8	203	313,541	17,764	698,919	2,056,835
Miscellaneous foods.....	14	340	524,857	17,315	1,903,186	3,062,620
Head offices ⁴	—	206	465,484	—	—	—
All other industries.....	2	17	27,268	3,621	92,900	155,020
Totals.....	128	4,391	7,256,642	552,301	31,084,195	46,434,050
Tobacco and Tobacco Products...	1	2,135	4,601,816	264,071	13,741,692	29,143,664
Rubber Products.....	3					
Leather Products⁴.....	5	23	43,240	550	119,233	201,660
Textile Products (Except Clothing)—						
Cotton yarn and cloth.....	5	1,930	2,662,256	224,525	6,668,840	11,340,712
Woollen goods ⁵	3	277	462,702	28,958	863,714	1,914,872
Awnings, tents and sails.....	3	45	70,379	987	64,222	157,116
All other industries ⁶	7	401	673,310	55,539	2,609,640	3,595,277
Totals.....	18	2,653	3,868,647	310,009	10,206,416	17,007,977
Clothing (Textile and Fur)—						
Clothing, men's factory.....	7	921	1,334,104	18,674	1,820,635	3,638,780
Fur goods.....	8	67	108,524	5,185	207,662	447,457
Hosiery and knitted goods.....	7	3,173	4,616,318	159,318	6,569,461	13,797,063
All other industries ⁷	3	55	85,771	1,179	74,262	163,928
Totals.....	25	4,216	6,144,717	184,356	8,672,020	18,047,228
Wood Products—						
Furniture.....	11	74	102,842	6,660	58,490	224,156
Planing mills, sash and door fac- tories.....	6	128	221,510	12,656	522,826	954,427
Miscellaneous wood products....	6	34	69,616	1,756	41,674	148,061
All other industries ⁸	8	157	243,008	7,072	474,959	936,284
Totals.....	31	393	636,976	28,144	1,097,949	2,262,928
Paper Products—						
Boxes and bags, paper.....	10	566	970,965	51,001	3,877,760	5,956,940
All other industries ⁹	10	926	1,651,504	83,548	4,709,661	9,784,973
Totals.....	20	1,492	2,622,469	134,549	8,587,421	15,741,913

For footnotes, see end of table, p. 117.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1947—con.

GREATER HAMILTON—Continued

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Printing, Publishing and Allied Products—						
Engraving, stereotyping and elec- trotyping	6	105	279,934	4,354	68,332	513,765
Printing and bookbinding	48	515	988,023	30,080	1,499,185	3,064,618
All other industries ¹⁰	6	508	1,126,027	23,958	1,208,301	3,859,967
Totals	60	1,128	2,393,984	58,392	2,775,818	7,438,350
Iron and Steel Products—						
Castings, iron	4	374	824,080	47,777	1,099,363	2,363,410
Hardware, tools and cutlery	15	850	1,747,443	98,937	2,512,091	6,197,252
Machine shops	12	127	241,930	7,395	114,156	442,749
Machinery, household and office	4	664	1,154,557	30,761	1,019,085	3,573,658
Machinery, industrial	12	1,611	3,603,771	127,063	4,510,399	14,718,655
Primary iron and steel	10	9,021	22,102,330	7,992,996	47,210,815	84,747,986
Sheet metal products	18	1,156	2,145,603	127,137	6,134,237	9,808,129
Wire and wire goods	13	2,682	5,871,609	408,907	5,385,581	19,701,040
Miscellaneous iron and steel pro- ducts	11	124	201,790	13,000	188,464	561,305
All other industries ¹¹	6	3,462	7,002,874	419,288	9,100,752	17,560,323
Totals	105	20,071	44,895,987	9,273,261	77,274,943	159,674,507
Transportation Equipment¹²	9	1,306	3,264,480	294,644	6,391,413	15,743,203
Non-ferrous Metal Products—						
Brass and copper products	9	689	1,390,688	44,742	1,061,001	3,162,009
Jewellery and silverware	5	431	891,862	22,425	1,106,354	1,801,872
Miscellaneous non-ferrous metal products	3	11	22,776	25	17,226	54,723
All other industries ¹³	5	279	564,154	58,054	902,272	1,768,180
Totals	22	1,410	2,869,480	125,246	3,086,853	6,786,784
Electrical Apparatus and Supplies	14	7,038	13,896,616	521,069	11,185,086	38,978,910
Non-metallic Mineral Products—						
Abrasive products	3	169	454,911	26,882	492,332	2,034,611
Brick and tile	4	99	206,197	87,044	7,871	433,013
Cement products	10	96	163,489	17,500	123,972	322,625
Clay products from domestic and imported clays	5	842	1,619,491	199,013	777,909	3,844,668
Glass products	5	896	1,593,045	444,226	1,840,559	4,693,583
Stone products	6	87	213,669	19,014	144,808	468,663
All other industries ¹⁴	5	47	88,260	11,763	337,149	583,208
Totals	38	2,236	4,339,062	805,442	3,724,600	12,380,371
Products of Petroleum and Coal¹⁵	6	784	1,686,832	1,517,308	9,587,296	15,754,508
Chemicals and Allied Products—						
Miscellaneous chemicals	7	57	185,096	10,027	404,279	832,767
Polishes and dressings	4	70	116,281	4,440	302,503	662,805
Soaps and cleaning preparations	7	435	1,102,315	230,238	8,422,028	11,250,069
Toilet preparations	3	51	63,015	1,411	99,275	214,888
All other industries ¹⁶	10	518	1,103,372	162,273	9,091,420	13,289,854
Totals	31	1,131	2,570,079	408,359	18,319,505	26,250,383

For footnotes, see end of table, p. 117.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1947—con.
GREATER HAMILTON—Concluded

Industry	Estab-lish-ments	Em-ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Miscellaneous Manufacturing Industries—						
Brooms, brushes and mops.....	7	331	542,250	11,949	930,052	2,244,130
Sporting goods.....	3	8	11,360	420	24,110	41,043
All other industries ¹⁷	7	93	152,069	15,551	58,047	388,505
Totals.....	17	432	705,679	27,920	1,012,209	2,673,678
Grand Totals, Greater Hamilton	533	50,839	101,796,706	14,505,651	206,866,649	414,520,114

¹ Includes: Breweries, 1; carbonated beverages, 15; wineries, 1.

² Includes: Other dairy products, 1.

³ Including—Sausage and sausage casings, 1.

⁴ Includes: Belting, leather, 2; miscellaneous leather goods, 3.

⁵ Includes: Woollen yarn, 1; miscellaneous woollen goods, 2.

⁶ Includes: Bags, cotton and jute, 2; carpets, mats and rugs, 2; cordage, rope and twine, 1; cotton thread, 1; dyeing and finishing of textiles, 1.

⁷ Includes: Clothing, women's factory, 1; hats and caps, 2.

⁸ Includes: Boxes, baskets and crates, 1; coffins and caskets, 2; cooperage, 1; refrigerators other than electric, 1; sawmills, 2; woodenware, 1.

⁹ Includes: Miscellaneous paper products, 8; roofing paper, 2.

¹⁰ Includes: Blueprinting, 1; lithographing, 2; printing and publishing, 1; trade composition, 2.

¹¹ Includes: Agricultural implements, 2; boilers, tanks and platework, 1; bridge and structural steel, 1 heating and cooking apparatus, 2.

¹² Includes: Aircraft and aircraft parts, 1; automobile supplies, 2; boatbuilding, 2; carriages, wagons and sleighs, 1; railway rolling stock, 3.

¹³ Includes: Aluminum products, 3; white metal alloys, 2.

¹⁴ Includes: Asbestos products, 2; miscellaneous non-metallic mineral products, 2; stoneware and pottery from domestic clay, 1.

¹⁵ Includes: Coke and gas products, 4; lubricating oils and greases, 2.

¹⁶ Includes: Acids, alkalies and salts, 1; coal tar distillation, 1; fertilizers, 1; gases, compressed, 2; medicinal and pharmaceutical preparations, 2; paints and varnishes, 2; vegetable oil mills, 1.

¹⁷ Includes: Ice, manufactured, 2; scientific and professional equipment and supplies, 2; stamps and stencils, rubber and metal, 2; toys and games, 1.

¹⁸ Head offices of establishments not located in Greater Hamilton.

GREATER WINDSOR

Foods and Beverages—						
Beverages ¹	9	1,002	2,133,660	257,095	5,264,549	18,832,283
Bread and other bakery products.....	24	522	879,828	70,758	1,305,759	2,900,839
Butter and cheese.....	5	491	1,071,554	90,846	2,371,620	4,151,458
Fruit and vegetable preparations.....	7	225	247,460	13,849	470,519	1,054,343
Meat products ²	6	143	303,607	36,179	3,140,082	3,564,102
Miscellaneous foods.....	5	25	31,860	2,211	118,001	212,479
All other industries ³	7	238	457,300	41,633	1,494,004	2,751,965
Totals.....	63	2,646	5,125,269	512,571	14,164,534	33,467,469
Textiles (Except Clothing)⁴.....	9	881	1,550,423	54,375	3,186,856	6,151,259
Clothing (Textile and Fur)⁵.....	6	164	202,221	4,749	347,869	695,782
Wood Products—						
Boxes, baskets and crates.....	3	79	141,300	6,751	189,363	379,861
Furniture.....	6	66	115,070	4,529	358,545	504,474
Planing mills, sash and door fac-tories.....	6	89	143,118	10,484	159,729	375,087
Miscellaneous wood products.....	9	72	101,083	5,632	113,799	262,591
All other industries ⁶	3	39	69,309	1,648	143,681	271,246
Totals.....	27	345	569,880	29,044	965,117	1,793,259
Paper Products.....	3	134	256,596	4,568	710,751	1,203,643
Printing and Publishing and Allied Products—						
Printing and bookbinding.....	22	165	339,048	8,465	276,097	802,063
All other industries ⁷	4	387	915,574	23,140	825,147	2,692,537
Totals.....	26	552	1,254,622	31,605	1,101,244	3,494,600

For footnotes, see end of table, p. 118.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1947—con.

GREATER WINDSOR—Concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Iron and Steel Products—						
Castings, iron.....	8	987	2,378,560	198,787	1,706,730	5,660,645
Hardware, tools and cutlery....	16	640	1,593,288	52,084	1,434,569	4,125,643
Machine shops.....	6	64	159,272	8,602	140,773	351,842
Machinery.....	9	383	924,008	28,023	2,174,512	6,007,072
Miscellaneous iron and steel pro- ducts.....	9	619	1,897,022	272,493	3,119,657	7,833,838
Sheet metal products.....	4	391	946,366	30,892	1,223,125	2,908,396
All other industries ⁸	7	2,116	4,618,600	215,405	5,050,864	14,651,867
Totals.....	59	5,200	12,517,116	806,286	14,850,230	41,539,303
Transportation Equipment⁹.....	24	20,210	48,876,847	2,110,751	163,703,438	257,573,679
Non-ferrous Metal Products—						
Brass and copper products.....	4	103	261,047	13,395	239,905	704,135
Jewellery and electroplated ware.	3	48	82,859	1,017	78,326	213,307
All other industries ¹⁰	5	24	44,356	2,834	295,372	406,321
Totals.....	12	175	388,262	17,246	613,603	1,323,763
Non-metallic Mineral Products—						
Cement products.....	4	71	140,869	28,054	367,316	628,474
All other industries ¹¹	7	327	722,158	251,231	859,975	3,192,660
Totals.....	11	398	863,027	279,285	1,227,291	3,821,134
Chemicals and Allied Products—						
Medicinal and pharmaceutical preparations.....	11	1,014	2,039,508	55,968	3,830,498	12,103,183
Miscellaneous chemical products	5	27	53,231	2,266	96,979	220,525
Soaps, washing and cleaning pre- parations.....	9	32	51,445	4,065	121,827	263,381
Toilet preparations.....	5	38	58,111	1,813	121,754	277,229
All other industries ¹²	5	560	1,303,890	694,880	1,126,759	5,622,265
Totals.....	35	1,671	3,506,185	758,992	5,297,817	18,486,583
Miscellaneous Manufacturing Industries—						
Statuary, art goods and novelties	3	10	10,748	380	4,081	15,994
All other industries ¹³	9	296	477,920	36,807	352,663	1,416,267
Totals.....	12	306	488,668	37,187	356,744	1,432,261
All Other Major Groups¹⁴.....	4	49	150,787	13,752	360,961	628,888
Grand Totals, Greater Windsor..	291	32,731	75,749,903	4,660,411	206,886,455	371,611,623

¹ Includes: Breweries, 2; carbonated beverages, 6; distilleries, 1.² Includes: Sausage and sausage casings, 2; slaughtering and meatpacking, 4.³ Includes: Confectionery, cocoa, etc., 1; flour and feed mills, 2; prepared breakfast foods, 1; prepared stock and poultry feeds, 1; other dairy products, 2.⁴ Includes: Automobile accessories, fabric, 3; awnings, tents and sails, 2; bags, cotton and jute, 2; bating and wadding, 1; cotton and wool waste, 1.⁵ Includes: Clothing, men's factory, 1; clothing, women's factory, 1; corsets, 1; fur goods, 1; gloves and mittens, fabric, 2.⁶ Includes: Sawmills, 1; woodturning, 2.⁷ Includes: Lithographing, 1; printing and bookbinding, 2; trade composition, 1.⁸ Includes: Agricultural implements, 1; bridge and structural steel, 2; heating and cooking apparatus, 1; primary iron and steel, 1; wire and wire goods, 2.⁹ Includes: Automobiles, 2; automobile supplies, 20; boatbuilding, 2.¹⁰ Includes: Aluminum products, 2; miscellaneous non-ferrous metal products, 1; white metal alloys, 2.¹¹ Includes: Glass products, 2; miscellaneous non-metallic mineral products, 2; salt, 1; stone products, 2.¹² Includes: Acids, alkalies and salts, 1; gases, compressed, 1; paints and varnishes, 3.¹³ Includes: Artificial flowers and feathers, 1; buttons, 1; ice, manufactured, 2; scientific and professional instruments and equipment, 1; signs, neon and other, 1; sporting goods, 2; stamps and stencils, metal and rubber, 1.¹⁴ Includes: Rubber products, 1; miscellaneous leather goods, 1; electrical apparatus and supplies, 2.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1947—con.

GREATER WINNIPEG

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Food and Beverages—						
Bakery Products—						
Bread and other bakery products ¹	64	1,515	2,450,712	239,317	4,764,691	11,193,763
Beverages—						
Carbonated beverages.....	13	285	503,062	61,803	1,160,665	3,382,190
Breweries.....	6	630	1,327,837	149,707	1,327,085	6,933,405
Canning and Preserving—						
Fruit and vegetable preparations	9	264	315,318	25,512	1,178,095	1,765,006
Dairy Products—						
Butter and cheese.....	12	1,049	1,995,373	188,712	7,206,819	10,997,637
All other industries ²	4	82	100,846	5,552	1,003,858	1,507,181
Grain Mill Products—						
Feed and chopping mills.....	6	44	71,879	16,695	2,525,945	2,736,368
Flour mills.....	3	541	907,267	137,125	20,397,932	23,181,013
Prepared breakfast foods.....	3	20	32,835	3,589	289,251	652,317
Prepared stock and poultry feeds	16	251	509,997	47,923	5,247,026	6,302,507
Meat Products—						
Slaughtering and meatpacking..	12	3,621	7,316,073	416,945	57,270,474	71,727,155
Sausage and sausage casings ³	8	116	202,774	21,624	1,075,584	1,484,747
Miscellaneous Foods—						
Confectionery, cocoa, etc.....	12	424	556,252	39,519	1,434,285	2,795,226
Miscellaneous foods.....	18	430	629,147	40,211	6,391,767	8,273,774
All other industries ⁴	6	353	632,092	228,185	3,832,629	5,670,023
Totals.....	192	9,625	17,551,464	1,622,419	115,106,106	158,602,312
Leather Products—						
Boots and shoes.....	6	175	239,470	3,637	586,868	950,369
Gloves and mittens.....	10	250	284,504	4,828	720,683	1,082,292
Miscellaneous leather goods ⁵	13	298	397,635	17,850	1,332,430	1,987,919
Totals.....	29	723	931,609	26,315	2,639,981	4,020,580
Textiles, (Except Clothing)—						
Awnings, tents and sails.....	3	33	50,017	2,100	157,886	228,692
Bags, cotton and jute.....	5	300	474,635	18,496	8,795,942	10,540,640
Miscellaneous cotton goods.....	3	13	20,145	246	26,302	53,723
All other industries ⁶	4	89	156,126	8,404	152,324	428,303
Totals.....	15	435	700,923	29,246	9,132,454	11,251,358
Clothing (Textile and Fur)						
Clothing, men's factory.....	34	1,990	2,446,618	38,661	6,129,309	10,898,700
Clothing, women's factory.....	43	1,612	2,595,021	30,823	5,404,579	10,032,546
Fur dressing and dyeing.....	4	206	318,775	9,050	73,809	539,536
Fur goods.....	56	671	1,176,459	13,053	3,348,039	5,406,761
Hats and caps.....	12	240	324,427	4,205	469,857	940,162
Hosiery and knitted goods.....	5	238	306,949	7,888	781,608	1,395,462
All other industries.....	1	12	18,037	290	200	24,457
Totals.....	155	4,969	7,186,286	103,970	16,207,401	29,237,624
Wood Products—						
Boxes, baskets and crates.....	6	292	477,495	21,521	749,709	1,415,746
Furniture.....	66	1,108	1,899,965	61,462	3,858,646	7,586,750
Miscellaneous wood products.....	13	76	85,659	2,833	183,048	322,124
Planing mills, sash and door factories.....	20	462	809,741	30,074	1,201,197	2,529,098
Woodenware.....	3	23	28,008	872	46,427	80,452
All other industries ⁷	8	142	214,112	9,180	349,925	727,755
Totals.....	116	2,103	3,514,980	125,942	6,388,952	12,661,925

For footnotes, see end of table, p. 121.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1947—con.

GREATER WINNIPEG—Continued

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Paper Products—						
Boxes and bags.....	8	472	885,065	36,506	3,012,114	4,859,097
Roofing paper.....	4	151	250,409	34,500	1,008,119	1,915,723
All other industries ⁸	8	232	358,933	62,683	795,098	1,687,391
Totals.....	20	855	1,494,407	133,689	4,815,331	8,462,211
Printing and Publishing and Allied Products—						
Engraving, stereotyping and elec- trotyping.....	6	235	577,176	8,794	117,217	924,457
Printing and bookbinding.....	72	1,433	2,351,971	54,874	1,991,888	5,739,444
Printing and publishing.....	26	1,256	2,235,354	63,271	1,926,127	7,253,599
Trade composition.....	3	9	19,089	653	12,915	38,171
All other industries.....	3	200	346,691	10,410	305,440	838,925
Totals.....	110	3,133	5,530,281	138,002	4,353,587	14,794,596
Iron and Steel Products—						
Agricultural implements.....	4	238	431,933	22,067	732,736	1,305,219
Hardware, tools and cutlery.....	5	69	86,042	10,639	95,709	228,681
Iron castings.....	7	636	1,330,513	51,345	991,394	4,081,888
Machinery.....	11	382	715,952	28,811	636,737	1,850,448
Machine shops.....	20	278	515,079	20,478	364,141	1,141,202
Sheet metal products.....	18	599	1,073,031	61,029	2,156,639	4,021,267
Miscellaneous iron and steel pro- ducts.....	8	388	766,088	48,604	993,935	2,223,050
All other industries ⁹	8	503	1,009,886	53,829	2,203,562	6,892,164
Totals.....	81	3,093	5,928,524	296,802	8,174,853	21,743,919
Transportation Equipment¹⁰.....	14	4,255	8,666,514	507,527	8,594,705	18,396,378
Non-ferrous Metal Products—						
Aluminum products.....	3	16	18,222	1,798	10,092	31,773
Brass and copper products.....	6	174	335,209	35,152	1,121,235	1,909,003
Miscellaneous non-ferrous metal products.....	3	22	50,587	1,724	6,118	34,411
All other industries ¹¹	4	91	152,648	15,309	720,722	1,037,241
Totals.....	16	303	556,666	53,983	1,858,167	3,012,428
Electrical Apparatus and Supplies	14	485	763,758	49,802	1,683,148	3,358,289
Non-metallic Mineral Products—						
Cement products.....	3	23	38,958	1,491	10,853	118,699
Miscellaneous non-metallic min- eral products.....	6	50	66,609	8,202	101,591	303,208
Stone products.....	5	38	47,243	4,255	29,827	90,257
All other industries ¹²	10	485	898,265	918,773	1,675,348	5,999,332
Totals.....	24	596	1,051,075	932,721	1,817,619	6,511,496
Products of Petroleum and Coal...	3	277	485,342	262,816	3,291,851	4,743,012

For footnotes, see end of table, p. 121.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1947—con.

GREATER WINNIPEG—Concluded

Industry	Estab-lish-ments	Em-ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Chemical and Allied Products—						
Gases, compressed.....	3	89	179,509	17,071	121,574	707,125
Medical and pharmaceutical pre- parations.....	7	176	285,669	10,678	494,154	1,655,756
Paints and varnishes.....	5	203	375,617	26,978	2,270,729	3,374,719
Soaps, washing and cleaning pre- parations.....	6	40	55,199	6,723	289,209	373,284
Toilet preparations.....	4	26	20,471	987	78,633	120,762
Miscellaneous chemical products...	5	38	61,394	912	171,305	317,873
All other industries ¹³	6	81	121,390	25,290	1,140,099	1,467,038
Totals.....	36	653	1,099,249	88,639	4,565,703	8,016,557
Miscellaneous Manufacturing Industries—						
Brooms, brushes and mops.....	6	86	119,042	3,674	217,632	414,133
Plastics products.....	3	11	18,108	305	16,125	44,489
Scientific and professional instru- ments and equipment.....	8	82	123,021	5,576	78,793	251,915
Signs, neons and others.....	7	151	297,961	31,820	131,005	832,736
Stamps and stencils, rubber and metal.....	4	12	31,721	309	9,986	47,532
Statuary, art goods, novelties.....	6	75	76,103	1,236	92,820	207,319
All other industries ¹⁴	9	75	90,430	2,651	130,637	370,781
Totals.....	43	492	756,386	45,571	676,998	2,168,905
Other Major Industrial Groups.	2	6	6,833	128	3,228	12,309
Grand Totals, Greater Winnipeg..	870	32,003	56,224,297	4,417,572	189,310,084	306,993,899

¹ Includes: biscuits, 2 est

² Includes: Processed cheese, 3; other dairy products, 1.

³ Includes: animal oils and fats, 1 est.

⁴ Includes: Malt and malt products, 2; macaroni, spaghetti, etc. 3; sugar 1.

⁵ Includes: tanneries, 1 est.

⁶ Includes: Automobile accessories, fabric, 2; carpets, mats and rugs, 1; cotton textiles, miscellaneous, 1.

⁷ Includes: Beekeepers' and poultrymen's supplies, 2; cooperage, 1; excelsior, 2; coffins and caskets, 2; wooden refrigerators, 1.

⁸ Includes: pulp and paper, 1 est.

⁹ Includes: Fabricated and structural steel, 2; heating and cooking apparatus, 2; machinery, 1; primary iron and steel, 1; wire and wire goods, 2.

¹⁰ Includes: aircraft and aircraft parts, 2; boatbuilding, 2; automobiles, 1; automobile supplies, 4; railway rolling-stock, 3; carriages, wagons and sleighs, 2.

¹¹ Includes: Jewellery and silverware, 2; white metal alloys, 2.

¹² Includes: Cement, 1; brick and tile, 2; sand-lime brick, 1; glass products, 2; gypsum products, 2; lime, 2.

¹³ Includes: Coal tar distillation, 2; vegetable oil mills, 2; inks, writing and printing, 2.

¹⁴ Includes: Artificial flowers and feathers, 1; ice, manufactured, 1; lamps, electric and lamp shades, 2; musical instruments, 1; sporting goods, 2; hair goods, animal and human, 2.

GREATER VANCOUVER

Foods and Beverages—						
Bakery Products—						
Biscuits.....	3	1,984	3,614,367	262,114	5,801,069	12,354,882
Bread and other bakery products	134					
Beverages—						
Carbonated beverages.....	10	152	289,242	30,111	449,449	1,518,594
All other industries ¹	6	1,145	2,123,840	342,224	4,407,717	18,626,481
Canning and Preserving—						
Canned and cured fish.....	21	1,370	2,047,088	116,342	8,860,747	14,802,262
Fruit and vegetable preparations	19	1,126	1,549,773	88,385	8,030,102	12,560,837

For footnotes, see end of table, p. 124.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1947—con.

GREATER VANCOUVER—Continued

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Foods and Beverages—concluded						
Dairy Products—						
Butter and cheese.....	10	873	1,692,649	171,379	7,981,425	11,940,582
Other dairy products.....	7	159	255,824	30,633	917,531	1,591,353
Grain Mill Products—						
Prepared breakfast foods.....	3	12	12,762	1,290	46,653	64,886
Prepared stock and poultry feeds	10	331	552,226	51,888	6,193,152	7,992,631
All other industries.....	1	2	1,500	210	7,526	10,700
Meat Products—						
Sausage and sausage casings....	5	98	123,983	6,289	651,978	880,719
Slaughtering and meatpacking...	9	1,185	2,522,277	187,280	23,651,323	28,098,195
Miscellaneous Foods—						
Confectionery, cocoa, etc.....	21	229	315,968	22,092	685,658	1,312,861
Macaroni, spaghetti, etc.....	4	45	65,317	8,879	115,258	229,871
Miscellaneous foods.....	34					
Sugar.....	1	1,089	1,876,093	216,312	22,515,904	25,369,835
Totals.....	298	9,800	17,042,909	1,535,428	90,315,492	137,354,689
Tobacco and Tobacco Products...	3	9	8,614	77	7,699	16,969
Rubber Products.....	3	17	27,463	363	6,761	41,197
Leather Products—						
Boots and shoes.....	9	311	451,403	11,765	803,909	1,348,798
Gloves and mittens.....	4	82	116,113	1,375	178,125	342,204
Miscellaneous leather.....	9	169	251,839	4,489	415,015	858,678
Tanneries.....	3	49	85,739	8,301	280,122	432,745
Totals.....	25	611	905,094	25,930	1,677,171	2,982,425
Textiles (Except Clothing)—						
Cotton goods ²	6	40	64,975	8,941	196,346	314,529
Woollen goods ³	4	146	252,047	23,361	541,066	1,239,148
Miscellaneous textiles—						
Awnings, tents and sails.....	7	176	290,490	14,373	540,924	867,848
Miscellaneous textiles.....	3	21	31,899	1,047	99,180	171,405
All other industries ⁴	3	234	429,980	18,265	2,261,048	3,476,059
Totals.....	23	617	1,069,391	65,987	3,638,564	6,068,989
Clothing (Textile and Fur)—						
Clothing, men's factory.....	12	362	512,604	9,364	883,825	1,817,567
Clothing, women's factory.....	20	592	837,565	9,606	1,244,264	2,582,148
Hosiery and knitted goods.....	4	158	210,395	5,760	414,047	828,829
Miscellaneous clothing—						
Fur goods.....	17	111	166,672	5,488	257,766	525,424
All other industries ⁵	3	26	30,844	563	38,031	76,981
Totals.....	56	1,249	1,758,080	30,781	2,837,933	5,830,949
Wood Products—						
Saw and planing mills—						
Plywood and veneer.....	8	1,966	3,971,203	139,357	6,829,888	17,461,649
Planing mills, sash and door fac- tories.....	53	955	1,854,935	87,997	3,176,025	6,312,930
Sawmills.....	106	7,790	17,142,516	553,226	39,535,475	83,356,033
Furniture.....	110	1,756	2,999,839	79,975	4,485,470	9,164,044
Miscellaneous wood products—						
Boxes, baskets and crates.....	9	225	381,376	23,956	797,533	1,287,844
Coffins and caskets.....	3	72	99,090	4,259	240,287	456,989
Miscellaneous wood products.....	29	254	487,145	9,774	1,094,910	1,970,495
Woodenware.....	3	94	136,153	2,763	148,051	331,883
Wood turning.....	7	75	126,460	5,026	325,678	573,787
All other industries ⁶	10	339	660,668	71,098	2,736,031	4,161,567
Totals.....	338	13,521	27,859,385	977,431	59,369,348	125,077,221

For footnotes, see end of table, p. 124.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1947—con.

GREATER VANCOUVER—Continued

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Paper Products—						
Boxes and bags, paper.....	8	569	982,557	41,626	3,703,116	6,022,462
Miscellaneous paper products....	12	568	1,017,761	30,017	3,959,201	6,535,386
Head offices—Pulp and paper ¹² ..	—	176	889,387	—	—	—
All other industries.....	4	836	1,973,134	825,631	6,172,834	12,764,879
Totals.....	24	2,149	4,862,839	897,274	13,835,151	25,322,727
Printing, Publishing and Allied Products—						
Blueprinting.....	4	19	31,568	2,149	18,075	73,953
Engraving, stereotyping and elec- trotyping.....	7	136	339,249	6,808	125,057	643,795
Lithographing.....	7	214	457,074	13,280	547,689	1,322,350
Printing and bookbinding.....	95	917	1,817,742	43,607	1,286,824	3,788,441
Printing and publishing.....	11	1,434	3,267,670	42,941	2,176,578	7,591,430
All other industries.....	2	25	60,222	2,450	11,055	96,156
Totals.....	126	2,745	5,973,525	111,235	4,165,278	13,516,125
Iron and Steel Products—						
Boilers, tanks and platemwork....	6	181	477,829	25,502	1,316,260	2,054,068
Hardware, tools and cutlery.....	13	397	813,089	33,737	513,951	1,989,010
Heating and cooking apparatus....	8	113	231,899	4,196	170,483	485,161
Iron castings.....	15	552	1,119,345	58,352	944,297	2,675,678
Machine shops.....	44	482	1,059,475	29,898	626,455	2,139,927
Machinery.....	34	1,967	4,350,766	144,231	4,299,896	12,049,663
Miscellaneous iron and steel pro- ducts ⁷	24	929	2,085,756	108,117	3,452,437	8,598,639
Primary iron and steel.....	6	296	628,635	96,328	244,034	1,107,728
Sheet metal products.....	23	896	2,028,684	101,141	7,317,579	11,733,390
Wire and wire goods.....	10	343	693,308	34,949	2,376,764	4,101,245
Totals.....	183	6,156	13,488,786	636,451	21,262,156	46,934,509
Transportation Equipment—						
Automobile supplies.....	9	200	450,991	18,033	766,957	1,430,698
Boatbuilding.....	23	178	298,192	6,861	206,137	586,725
Shipbuilding and repairs.....	16	3,407	8,215,142	254,148	2,400,674	21,109,382
All other industries ⁸	4	345	669,647	44,433	592,283	1,397,255
Totals.....	52	4,130	9,633,972	323,475	3,966,051	24,521,060
Non-ferrous Metal Products—						
Aluminum products.....	3	46	68,529	3,698	27,090	156,571
Brass and copper products.....	14	233	516,630	22,744	365,138	1,187,108
Jewellery and silverware.....	5	68	148,857	1,166	84,217	265,252
White metal alloys.....	3	54	126,299	10,813	876,862	1,206,642
Totals.....	25	401	860,315	38,421	1,353,307	2,815,573
Electrical Apparatus and Supplies	16	430	796,690	17,865	879,252	2,493,301
Non-metallic Mineral Products⁹ Products of Petroleum and Coal¹⁰	38	1,102	2,124,859	656,103	11,629,696	18,364,158

For footnotes, see end of table, p. 124.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1947—conc.**GREATER VANCOUVER—Concluded**

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Chemicals and Allied Products—						
Fertilizers.....	4	67	145,705	8,924	709,074	1,446,611
Gases, compressed.....	3	102	216,378	26,836	121,894	826,683
Medicinal and pharmaceutical preparations.....	3	28	37,829	1,408	73,663	122,631
Miscellaneous chemical products	11	43	58,484	2,559	83,147	269,236
Paints and varnishes.....	7	187	383,052	14,435	1,256,012	2,363,166
Soaps, washing and cleaning com- pounds.....	22	103	197,121	9,010	277,457	835,153
Toilet preparations.....	3	5	3,550	85	5,356	15,689
All other industries ¹⁰	9	146	299,637	45,835	6,140,997	7,149,447
Totals.....	62	681	1,341,756	109,092	8,667,600	13,028,616
Miscellaneous Manufacturing Industries—						
Brooms, brushes and mops.....	4	108	164,603	2,932	212,741	489,311
Ice, manufactured.....	7	124	244,058	57,229	19,092	662,373
Musical instruments.....	3	5	9,675	313	3,943	14,810
Plastic products.....	4	19	31,167	2,828	10,435	44,883
Scientific and professional instru- ments and equipment.....	4	13	23,855	550	6,630	49,887
Signs, neon, etc.....	6	276	677,375	18,042	420,922	1,566,875
Stamps and stencils, rubber and metal.....	7	59	105,275	3,947	37,647	187,707
Statuary, art goods, novelties...	3	24	24,698	447	10,156	40,764
All other industries ¹¹	9	116	164,056	5,357	212,619	476,675
Totals.....	47	744	1,444,762	91,645	934,185	3,533,285
Grand Totals, Greater Vancouver.....	1,319	44,365	89,198,449	5,517,558	224,545,644	427,814,793

¹ Includes: Breweries, 3; distilleries, 2; wineries, 1.² Includes: Batting and wadding, 1; cotton and wool waste, 3; miscellaneous cotton goods, 2.³ Includes: Miscellaneous woollen goods, 1; woollen cloth, 3.⁴ Includes: Bags, cotton and jute, 1; cordage, rope and twine, 1; carpets, mats and rugs, 1.⁵ Includes: Gloves and mittens, fabric, 1; hats and caps, 2.⁶ Includes: Beekeepers' and poultrymen's supplies, 1; cooperage, 2; hardwood flooring, 1; miscellaneous wood products, 1; wood preservation, 5.⁷ Including fabricated and structural steel, 2.⁸ Includes: Automobiles, 1; carriages, wagons and sleighs, 2; railroad and rolling-stock equipment, 1.⁹ Includes: Asbestos products, 1; brick and tile, 2; cement products, 11; clay products, 1; glass products, 7; gypsum products, 1; miscellaneous non-metallic mineral products, 4; stone products, 6.¹⁰ Includes: Acids, alkalies and salts, 1; adhesives, 2; coal tar distillation, 1; inks, writing and printing, 2; polishes and dressings, 2; vegetable oil mills, 1.¹¹ Includes: Hair goods, animal and human, 1; lamps, electric and lamp shades, 2; miscellaneous industries, 1; sporting goods, 2; toys and games, 1; umbrellas, 2.¹² Head offices of plants not located in Greater Vancouver.

APPENDIX II

Alphabetical List of the Products Reported as having been Manufactured in Canada in 1947

The appended list of the products of Canadian manufacturing industries presents the value and in most cases the quantity of the individual products in a much more detailed form. Prior to 1927, in presenting statistics of manufacturing production, the whole production of an establishment was taken as a unit. This not only prevented the presentation of production figures for specific products in detail, but also involved numerous inaccuracies in the production statistics of classes of commodities, owing to the fact that commodities which may be the major line of production in one establishment may also be products of secondary importance in another establishment where the major line of production puts the establishment into a different class. The statistics which follow, however, have been compiled by taking from the individual returns of each of the 32,734 manufacturing establishments covered, the value and, when given, the quantity of each commodity specified as produced by the establishment. In this way, detailed production figures are obtained for specific commodities and, furthermore, the total production of each commodity is brought together, no matter how varied may be the operations in different establishments producing it. Nevertheless it should be pointed out to those making use of these figures that there is one element of incompleteness about them. In the returns of many manufacturers, products of minor importance are grouped under the name "all other products". As will be seen from the group at the end of the list, the value of products not specified, while they may appear unimportant to the individual manufacturer, are, in the aggregate, a large amount, especially in the industries of the iron and steel group. It is obvious that one manufacturer may consider a product of insufficient importance to report separately for his establishment, while that same product may be reported separately by other establishments. In other words, included in the value of other products not specified at the end of the list, there are doubtless values which, had the products been specified by the manufacturer, would have been included in the values of commodities appearing on the list. However, the products not specified total only about 1.4 per cent in value of the whole manufacturing production, although in the iron and steel group this proportion is 4.6 per cent. With the exception of this group, therefore, the incompleteness of the figures on this account is insignificant.

There is no duplication in the listing of products, nor do any of the items, include products listed in more detail under another name. It is possible, however, that essentially the same commodity produced in different establishments may have been called by different names; in such a case, which is probably a very rare one, the items would appear separately in the following list.

Alphabetical List of Products Manufactured in Canada, 1947

Items	Unit of Measure	Quantity	Value
			\$
Abrasive cloth.....	—	—	*
Abrasive paper.....	—	—	*
Abrasive wheels and segments.....	—	—	*
Accelerators, synthetic.....	—	—	*
Acetaldehyde.....	—	—	*
Acetic anhydride.....	—	—	*
Acetone.....	—	—	*
Acetylene.....	cu. ft.	173,501,125	3,050,067
Acid, acetic.....	—	—	*
Acid, calcium phosphate.....	—	—	*
Acid, citric.....	—	—	*
Acid, cresylic.....	—	—	*
Acid, fatty, coconut, tallow, etc.....	lb.	3,863,718	560,251
Acid, hydrochloric (muriatic).....	—	—	*
Acid, hydrofluosilicic.....	—	—	*
Acid, naphthenic.....	—	—	*
Acid, nitric.....	—	—	*
Acid, phosphoric.....	—	—	*
Acid, stearic.....	—	—	*
Acid, sulphuric.....	lb.	1,269,532,550	5,439,951
Acids, not specified.....	—	—	*
Adhesives, n.e.s.....	—	—	577,221
Advertising matter, printed, n.e.s.....	—	—	21,931,666
Advertising novelties (see "Novelties").....	—	—	—
Agitators, mining and metallurgical.....	—	—	49,400
Agricultural implements and parts, n.e.s.....	—	—	13,399,460
Air conditioning equipment.....	—	—	1,810,000
Aircraft, including parts and repairs.....	—	—	40,148,078
Alcohol, butyl.....	—	—	*
Alcohol, denatured.....	{ Made prf. gal. Sold	8,093,259 8,896,863	5,133,717 5,885,738
Alcohol, not denatured.....	{ Made " Sold	3,211,317 3,346,082	1,670,419 2,087,295
Alkylate.....	gal.	3,393,005	730,175
Alloy, die casting.....	lb.	6,454,526	858,636
Almond paste.....	"	140,037	54,789
Alumina, fused (crude).....	ton	146,433	15,253,482
Alumina, fused (abrasive grains).....	—	—	*
Aluminum fluoride.....	—	—	*
Aluminum hydrate.....	—	—	*
Aluminum sulphate and stearate.....	—	—	911,904
Aluminum products, not elsewhere specified.....	—	—	5,146,414
Ammonia, anhydrous.....	—	—	*
Ammonia, aqua.....	—	—	*
Ammonia, liquid.....	—	—	20,252
Ammonia, liquor.....	—	—	*
Ammonia, powder.....	lb.	5,490,268	291,293
Ammonium chloride.....	—	—	*
Ammonium hydroxide.....	—	—	*
Ammonium nitrate.....	—	—	*
Ammonium phosphate.....	—	—	*
Ammonium sulphate.....	ton	198,127	6,666,792
Ammunition (see Munitions & Supplies).....	—	—	—
Amyl acetate.....	—	—	*
Anti-freeze preparations.....	—	—	*
Apple butter.....	lb.	200,923	22,807
Apple pomace, chop and waste.....	"	4,933,207	69,015
Apple juice concentrate.....	gal.	1,232,344	1,223,941
Apples, evaporated and dehydrated.....	lb.	5,981,396	1,191,018
Aprons, fabric.....	doz.	285,198	1,450,120
Aprons, rubber and oiled.....	"	26,934	195,652
Archery tackle.....	—	—	15,806
Arm bands.....	doz.	31,673	64,739
Artware, pottery (see also "Pottery").....	—	—	229,211
Art needlework.....	—	—	123,050
Art work (printing).....	—	—	1,705,076
Asbestos products, clutch facings, gaskets, etc.....	—	—	1,053,709
Asphalt.....	imp. gal.	125,529,095	13,398,090
Asphalt, emulsion.....	"	7,731,862	919,064
Asphalt products, n.e.s.....	—	—	48,580
Atomizers.....	—	—	108,830

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items		Unit of Measure	Quantity	Value
				\$
Automobiles, commercial—				
5,000 lbs. or less.....	For sale in Canada	No.	19,115	16,862,595
	For export.....	"	9,756	7,603,412
5,001 to 10,000 lbs.....	For sale in Canada	"	11,603	11,790,089
	For export.....	"	3,024	2,299,655
10,001 to 14,000 lbs.....	For sale in Canada	"	12,742	15,274,621
	For export.....	"	12,208	11,969,172
14,001 to 16,000 lbs.....	For sale in Canada	"	15,413	24,671,780
	For export.....	"	2,585	2,279,573
16,001 to 19,500 lbs.....	For sale in Canada	"	1,945	4,242,114
	For sale in Canada	"	869	3,065,127
Over 26,000 lbs.....	For sale in Canada	"	566	2,312,779
Other, not specified.....	For sale in Canada	"	35	301,640
Automobiles, passenger—				
Convertible cars.....	For sale in Canada	No.	166	196,835
	For export.....	"	9	12,327
Permanent closed cars—Coupe.....	For sale in Canada	"	15,999	17,869,728
	For export.....	"	989	1,032,582
2 Door Sedan.....	For sale in Canada	"	39,100	40,689,236
	For export.....	"	55	53,344
4 Door Sedan.....	For sale in Canada	"	71,984	87,756,608
	For export.....	"	23,817	24,503,769
Other closed.....	For sale in Canada	"	988	1,783,177
	For export.....	"	227	315,432
Buses, complete.....	For export.....	"	938	14,502,066
Automobiles, not specified.....		"	23	60,374
Automobile bodies and cabs.....				10,758,132
Automobile chassis.....	No.	13,923		7,948,145
Automobile cloth.....	yd.	779,391		1,689,062
Automobile headlights and parts.....	—	—		2,412,697
Automobile parts and accessories, not specified.....	—	—		86,787,355
Automobile trailers.....	—	—		5,536,903
Awnings and verandah curtains.....	—	—		1,528,241
Axes and hatchets.....	No.	1,215,136		1,348,493
Axes and shafts, automobile.....	—	—		3,784,679
Axes and parts, not specified.....	—	—		1,949,106
Babies' high chair sets, commodes and other baby supplies.....	—	—		344,071
Babbitt metal.....	lb.	6,511,921		1,961,280
Badges, rosettes, buttons, etc.....	—	—		688,601
Bags, fabric—				
Cotton.....	doz.	4,001,883		11,046,376
Jute.....	"	8,421,512		22,716,224
Cosmetic.....	—	—		119,180
Sleeping.....	No.	21,825		447,732
Tea (paper and fabric).....	—	—		*
Fabric, not specified.....	—	—		1,110,137
Bags, fabric, repaired and processed.....	—	—		4,743,000
Bags, leather, imitation leather, etc.....				
Club bags and suit cases.....	—	—		4,077,208
Hand bags and parts.....	—	—		5,756,234
School bags.....	—	—		221,570
Bags, paper.....				
Glassine and cellophane.....	—	—		2,492,777
Millinery, garment and laundry.....	—	—		635,966
Self-opening.....	—	—		4,180,090
Wedge.....	—	—		636,657
Paper, not specified (incl. multi-wall).....	—	—		11,657,070
Bags, plastic, n.e.s.....	—	—		179,082
Bags, rubber, air and steam.....	No.	4,247		68,345
Bags, rubber and rubberized.....	—	—		70,982
Bale ties—Quantity made.....				
Quantity sold.....	ton	6,503		734,825
Ball and rod mills, grinding.....	No.	19		385,788
Balloons.....	gr.	35,960		189,181
Balls, golf, complete.....	doz.	135,974		618,919
Balls, soft.....	"	21,066		212,227
Balls, other, including bladders, centres, etc.....	—	—		952,462
Barley, pot and pearl.....	ton	4,142		366,973
Barn and stable equipment, not elsewhere specified.....	—	—		1,202,801

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items	Unit of Measure	Quantity	Value
			\$
Barrels, wooden—			
Apple, etc.	No.	1,044,308	1,577,818
Fish, slack	"	14,908	14,537
" tight	"	82,483	183,951
Flour, sugar, etc.	"	81,785	119,067
Oil, vinegar, water, etc.	"	386,572	2,228,070
Whiskey, beer, etc.	"	36,199	450,105
Barrels, steel	"	617,280	2,383,818
Barrels, repaired, etc.	—	—	46,654
Barrels, n.e.s.	—	—	75,990
Barrettes, hair	—	—	*
Bars, iron and steel—			
Hot rolled, of all grades:			
Quantity made	Net ton	481,606	
Quantity sold	" "	397,004	33,812,059
All other, including cold rolled and cold drawn, spike rods, bolt stock, etc.			
Quantity made	Net ton	166,248	
Quantity sold	" "	121,036	11,659,130
Bars and ingots, aluminum	lb.	21,584,467	3,378,665
Basket bottoms	—	—	79,640
Baskets and crates, fruit and vegetable	—	—	3,739,301
Baskets, other, not specified	—	—	564,660
Bathing caps	doz.	62,339	154,719
Bathing suits	"	113,711	2,981,520
Bathrobes, kimonos, lounging jackets, etc.			
Cotton—			
Women's and misses'	doz.	17,784	554,560
Children's	"	19,496	227,009
Rayon and silk—			
Women's and misses'	"	22,595	1,862,967
Men's and youths'	"	7,033	623,289
Children's	"	2,180	49,466
Wool and flannel—			
Women's and misses'	"	6,074	652,201
Men's and youths'	"	11,147	1,236,102
Children's	"	2,037	92,855
Not specified—			
Women's and misses'	"	9,681	491,192
Men's and youths'	"	11,018	436,206
Children's	"	3,863	60,813
Not specified	"	7,087	338,000
Bats, baseball	No.	279,692	208,622
Batteries—			
Storage for automobiles and other internal combustion engines	No. no.	1,536,092	11,186,151
Storage, for railway service	of cells	13,021	369,950
Storage, for motor cycle starting	No.	5,937	31,264
Storage, for telephone switch boards	No. no.	9,864	266,232
Storage, for farm lighting plants	of cells	61,301	472,604
Storage, for all other purposes	—	—	1,229,322
Dry-cell, all kinds	—	—	6,520,114
Parts, supplies and complete air-cell batteries	—	—	2,228,373
Battery containers	No.	8,687,857	1,542,941
Battery separators	—	—	*
Batting, wadding, flocks and rolls (including auto batts)	—	—	2,894,670
Bearings, ball, roller and parts	—	—	2,325,475
Beauty parlour equipment (See Hair dressing accessories)—			
Beds and couches—			
Metal and iron beds	No.	221,291	2,502,736
Studio couches, metal and other	"	106,101	5,169,978
Metal couches, other	"	13,718	96,401
Metal and other cots and bunks	"	70,042	506,191
Cribs, all kinds	—	—	411,083
Beds, camp and other, n.e.s.	—	—	14,211
Bedsprings and bed sets—			
Cotton	No.	423,156	2,064,965
Silk and artificial silk	"	59,857	355,406
Not specified	"	77,324	466,255
Beef extract	—	—	*
Beekeepers' supplies, n.e.s.	—	—	555,961

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items	Unit of Measure	Quantity	Value
			\$
Beer, ale, stout and porter—			
In bulk.....	gal.	54,858,874	49,703,726
In bottles.....	"	106,015,973	144,603,452
Beer, spruce.....	"	224,107	158,534
Beet pulp, wet and dried.....	ton	115,062	790,647
Bells and gongs.....	—	—	29,600
Belting, leather (transmission).....	lb.	711,288	2,000,923
Belts, automobile, fan.....	No.	2,324,245	1,052,874
Belting, rubber.....	lb.	10,742,479	7,623,719
Belts, rubber, not specified.....	No.	1,434,231	1,064,420
Belts and aprons, sanitary.....	—	—	140,262
Belts, body, not specified.....	—	—	2,865,936
Benzol.....	Imp. gal.	5,780,254	1,124,537
Bicycles.....	No.	89,025	2,694,538
Bicycle parts.....	—	—	1,853,905
Billiard and bowling supplies, n.e.s.....	—	—	1,256,751
Binders, loose-leaf and other.....	—	—	1,990,513
Binders, grain and corn.....	—	—	6,433,626
Binding and stitching (trade work).....	—	—	1,461,495
Bindings—(see also "Tapes")			
Cotton.....	—	—	808,916
Silk and artificial silk mixtures.....	—	—	209,753
Other.....	—	—	152,054
Bins and hoppers.....	—	—	203,690
Biological products, n.e.s.....	—	—	2,519,478
Biscuits, plain and fancy.....	ton	57,035	25,628,872
Biscuits, soda.....	"	25,450	9,792,490
Biscuits, pretzels.....	—	—	*
Black, acetylene.....	—	—	*
Blackboards, asbestos.....	—	—	*
Blankets:—			
Cotton.....	pair or lb.	1,814,421 5,314,835	4,276,145
Cotton warp.....	pair or lb.	2,570 16,708	18,378
Cotton and wool, mixed.....	pair or lb.	198,426 950,877	803,050
Wool.....	pair or lb.	570,742 3,150,947	4,295,912
Slumber throws.....	No.	159,486	736,738
Not specified.....	—	—	268,457
Blankets, horse.....	No.	101,051	275,764
Bleaching compounds.....	—	—	*
Blinds, venetian (see "Shades and blinds")			
Blood, animal, dried, edible.....	lb.	218,989	10,919
Blood, animal, dried, inedible.....	"	7,622,820	255,460
Blooms, billets and slabs—			
Quantity made.....	ton	2,119,948	
Quantity sold.....	"	393,505	18,354,265
Blouses, women's and misses'.....	doz.	395,834	9,975,608
Blouses, children's.....	"	101,407	1,189,299
Blouses and shirtwaists, boys' (see "Shirts")			
Blow torches.....	—	—	*
Blowers, furnace.....	No.	6,976	310,197
Blowers, not specified.....	—	—	49,937
Blue, laundry.....	—	—	*
Boats, life and whale.....	No.	268	369,739
Boats, motor.....	"	1,001	1,253,761
Boats, outboard motor.....	"	4,417	796,955
Boats, scows, tugs, and other craft.....	—	—	599,916
Boats, sail.....	No.	524	241,755
Boats, other, including row boats, skiffs, etc.....	"	7,053	501,488
Boats, other, not specified and parts.....	—	—	790,200
Boiler compound.....	—	—	1,444,581
Boilers, heating.....	No.	19,286	4,899,585
Boilers, power.....	—	—	5,738,402
Boilers, range.....	No.	157,749	1,684,804
Boiler parts and accessories.....	—	—	1,700,116
Bologna and blood pudding.....	lb.	3,936,381	814,862
Bolt boards.....	—	—	*
Bolts, nuts and rivets.....	—	—	13,891,089
Bone and meat meal and flour.....	lb.	14,423,310	401,531
Bone, raw, ground, etc.....	"	24,392,841	417,896

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items	Unit of Measure	Quantity	Value
			\$
Books, printed and bound, chiefly for advertising.....	—	—	1,756,348
Books, printed and bound, not chiefly for advertising.....	—	—	6,743,093
Books and pads, drawing, exercise scribblers, etc., not elsewhere specified.....	—	—	2,159,393
Books, ledger and account.....	—	—	878,521
Books, counter, check, sales, etc.....	—	—	1,929,443
Books, blank, bound not specified.....	—	—	1,065,279
Boron carbide.....	—	—	*
Bottles, thermos.....	—	—	*
Bowling supplies (see billiard and bowling supplies).....	—	—	—
Box toes.....	No.	14,719,060	287,176
Boxes, mail.....	—	—	*
Boxes, paper—			
Corrugated.....	—	—	34,878,602
Fibre board.....	—	—	1,161,796
Folding.....	—	—	23,650,813
Mailing tubes and other round.....	—	—	180,087
Set-up.....	—	—	10,540,605
Not specified.....	—	—	105,680
Boxes, wooden—			
Apple.....	No.	831,454	231,091
Berry.....	"	27,609,150	272,874
Butter.....	"	1,855,876	904,152
Cheese.....	"	1,101,510	491,574
Cigar and tobacco.....	—	—	*
Fish.....	No.	1,917,045	799,108
Meat.....	"	2,269,520	1,038,149
Plywood.....	"	730,293	1,522,863
Boxes, wooden, not specified, including veneer.....	—	—	9,316,180
Boxes, other, not specified.....	—	—	286,552
Box panels, plywood.....	—	—	*
Braids and gimps.....	—	—	1,630,014
Brake fluid.....	Imp. gal.	241,419	693,586
Brake beams and parts.....	—	—	317,353
Brakes, auto, and parts.....	—	—	1,563,009
Brakes, brake shoes and parts.....	—	—	1,749,574
Bran.....	ton	429,481	11,652,805
Brass ingots.....	lb.	19,441,596	3,314,809
Brass, bronze and copper products, not specified.....	—	—	529,073
Bread.....	lb.	1,385,307,970	92,139,620
Breakfast foods (see "Cereal products").....	—	—	*
Brewery and distillery equipment, n.e.s.....	—	—	*
Bricks, cement.....	M	23,192	567,269
Bricks, from domestic clay.....	"	295,446	7,930,727
Brick, sand-lime.....	"	35,740	546,073
Briquettes, coal and coke.....	—	—	*
Bristles.....	lb.	23,364	13,652
Bronze ingots.....	lb.	9,385,655	1,985,789
Bronze products, n.e.s.....	—	—	2,176
Brooms—			
Corn.....	doz.	263,810	2,323,842
Fibre.....	"	30,735	349,803
Hair.....	"	6,813	184,112
Toy.....	"	12,694	33,879
Other.....	"	972	13,365
Brushes—			
Made of corn and fibre.....	doz.	65,028	68,126
Clothes.....	"	23,081	97,013
Generator and motor.....	—	—	518,507
Hair.....	doz.	99,248	1,182,262
Nail.....	"	82,449	116,077
Paint.....	"	617,584	4,779,669
Shoe.....	"	25,664	64,057
Tooth.....	"	540,872	781,717
For household purposes.....	"	423,186	1,361,419
For industrial use.....	"	133,220	773,728
Other, not specified incl. shaving.....	"	1,789,959	952,670
Brush blocks, backs, etc.....	—	—	110,878
Buckwheat grits, etc.....	—	—	64,030
Buckles, clips, etc.....	—	—	175,950
Buffing composition.....	—	—	103,394
Buffing wheels.....	—	—	213,881
Bufs, polishing, cotton.....	—	—	527,059

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items	Unit of Measure	Quantity	Value
			\$
Building blocks, hollow, cement, cinder, sand-lime, etc.	—	—	7,039,520
Bungs, barrel	—	—	*
Buns	—	—	14,978,504
Burlap	—	—	109,580
Burners, lamp	—	—	134,078
Butane	lb.	51,735,662	687,288
Butter, factory made	—	290,955,263	152,936,680
Butter, whey, factory made	"	2,226,010	1,032,537
Buttons—			
Celluloid	gr.	51,703	306,272
Plastic	"	827,939	633,231
Metal	"	661,623	236,923
Moulded	"	3,981,734	879,523
Pearl	"	471,893	393,275
Not specified	"	849,275	633,038
Button covering, hemstitching, etc.	—	—	1,084,716
Butyl acetate	—	—	*
Cabinets, ice cream and parts	—	—	1,916,412
Cabinets, medicine	—	—	13,254
Cabinets, phonograph and radio	—	—	4,684,541
Cabinets, not specified	—	—	230,980
Calcium chloride	—	—	*
Calcium carbide	—	—	*
Calcium cyanamide	—	—	*
Calcium cyanide	—	—	*
Calcium naphthenate	—	—	*
Calcium phosphate	—	—	*
Calcium stearate	—	—	*
Calks, horseshoe	—	—	89,023
Calks, other	—	—	*
Camel back	lb.	1,479,560	509,638
Cameras	—	—	*
Candles	—	—	2,072,958
Canoes	No.	4,134	409,131
Cans, paper or fibre, metal ends and other	"	167,323,133	2,442,592
Cans, tin, general line	—	—	15,348,720
Cans, tin, packers' sanitary	—	—	32,393,618
Cans, tin and metal, other	—	—	1,876,907
Canvas and canvas goods, not elsewhere specified	—	—	193,286
Capacitors, (static condensers) for power factory correction	—	—	214,430
Caps—			
Cloth	doz.	193,705	1,787,757
Cotton	"	84,798	221,082
Fur	"	32,407	273,153
Leather	"	13,841	148,155
Sport	"	50,798	317,465
Uniform	"	25,453	454,598
Not specified	—	—	36,535
Caps, bottle, paper	M	1,573,040	1,001,623
Caps, bottle, metal and plastic	—	—	7,295,729
Carbon dioxide gas	—	—	*
Carbon dioxide cylinders	—	—	*
Carbon dioxide, solid	—	—	*
Carbon bisulphide	—	—	*
Carbons, illuminating, for lamps	—	—	*
Carbon products, not specified	—	—	*
Carburizing chemicals	—	—	*
Cards, greeting	—	—	6,248,998
Cards, playing	—	—	*
Cards, visiting	M	38,207	69,770
Carpets, mats and rugs—			
Carpets in rolls incl. stair—			
Axminster	carpet yd.	325,524	1,142,283
Wilton	"	454,034	2,378,479
Other, not specified	"	319,348	642,190
Carpets in squares, 4'6" by 7'6" or larger—			
Axminster	"	514,547	1,865,458
Wilton	"	146,552	723,188
Small squares and runners—			
Axminster	"	55,203	218,597
Wilton	"	20,652	102,441

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items	Unit of Measure	Quantity	Value
			\$
Rugs and carpets, not specified.....	—	—	1,075,592
Rugs made from old carpets.....	—	—	77,602
Carpet sweepers.....	—	—	*
Carriages and wagons, complete.....	—	—	703,888
Carriages, baby.....	No.	137,787	2,538,706
Carriage and wagon bodies and boxes.....	—	—	99,282
Carriage and wagon materials.....	—	—	387,063
Carriers, litter.....	—	—	*
Cars, railway, electric.....	—	—	*
Cars, steam, railway, new.....	No.	5,765	30,837,570
Cars, dump, hand, push and other, not specified.....	—	—	459,880
Carts, concrete.....	No.	1,017	93,312
Carvings, wood and other.....	—	—	23,353
Casein.....	lb.	10,109,606	2,220,747
Cases, clock.....	—	—	92,952
Cases, jewellery.....	No.	2,517,421	510,468
Cases, key, card, utility, etc.....	—	—	454,916
Cases, portfolio, brief, etc.....	No.	227,894	958,331
Cases, writing.....	—	548,179	136,697
Cases, toiletware and silverware.....	—	—	535,349
Cases, other, not specified.....	—	—	156,659
Caskets.....	No.	101,906	4,501,070
Casks, fish.....	—	22,509	60,567
Casks, other.....	—	—	*
Castings—			
Aluminum.....	lb.	11,966,436	5,264,157
Brass.....	—	25,430,451	7,175,414
Bronze.....	“	4,501,941	1,783,717
Copper.....	“	142,558	51,129
Die.....	—	—	3,866,456
Grey iron.....	ton	212,851	31,967,955
Malleable iron.....	“	33,467	7,629,478
Iron, not specified.....	—	—	218,431
Lead.....	—	—	*
Steel—			
Quantity made.....	net ton	91,173	—
Quantity sold.....	“	85,517	22,334,517
Castings, not specified.....	—	—	1,135,933
Castors, all kinds, and parts.....	—	—	694,014
Catalogues, printed, etc.....	—	—	6,316,684
Catsup (see Tomato catsup)	—	—	—
Ceiling and siding metal.....	—	—	211,601
Cellophane products, not specified.....	—	—	*
Celluloid products.....	—	—	*
Cellulose products, n.e.s.....	—	—	—
Cement, Portland (including containers).....	—	—	23,582,011
Cement, linoleum.....	lb.	2,256,776	147,247
Cement, rubber.....	—	—	274,740
Cements, not specified.....	—	—	782,789
Cement products, not specified.....	—	—	1,265,936
Cereal products, prepared, ready to serve.....	lb.	75,056,940	11,898,879
Cereal products, unprepared.....	“	20,675,135	1,638,426
Cerolose.....	—	—	—
Cerium.....	—	—	*
Certificates, stock, bond, etc., printed.....	—	—	1,701,157
Chains, automobile.....	—	—	1,767,864
Chains, other than automobile, including sprocket chain.....	—	—	4,068,710
Chamois products.....	—	—	350,442
Chaplets, foundry.....	—	—	236,715
Chaps.....	—	—	*
Charcoal.....	—	—	*
Cheese, Canadian cheddar.....	lb.	123,337,530	31,928,861
Cheese, other than cheddar.....	“	1,408,017	475,030
Cheese, creamed.....	“	123,798	45,066
Cheese, skim milk and cottage.....	“	5,551,279	784,829
Cheese, processed and packed.....	“	39,387,323	14,367,406
Cheesecloth.....	—	—	422,456
Chemical products, not elsewhere specified.....	—	—	1,480,869
Cheques, notes, drafts, bank notes, etc., printed.....	—	—	1,911,704
Chests, cedar.....	No.	37,238	1,023,178
Chests, stationery.....	—	—	—
Chewing gum.....	boxes	11,504,928	6,432,874
Chicken, canned (see Meats, canned)	—	—	—

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items	Unit of Measure	Quantity	Value
Chicory, roasted.....	—	—	\$
Children's wear, not elsewhere specified.....	—	—	1,087,121
Chloral.....	—	—	*
Chloride of lime.....	lb.	3,854,878	134,976
Chlorine, liquid.....	—	—	*
Chocolate coating.....	lb.	12,817,195	3,901,189
Choppers, food.....	—	—	480,398
Churns.....	—	—	*
Cider (for sale).....	gal.	119,231	39,044
Cigars.....	M	214,745	14,081,505
Cigarettes.....	"	15,687,127	220,649,206
Cinder blocks (see "Building blocks")	—	—	—
Classifiers, metal working.....	—	—	124,550
Clay, bentonite and other.....	—	—	332,093
Cleaners, vacuum and parts.....	—	—	5,997,084
Cleaner, hand.....	lb.	3,363,891	386,049
Cleaner, fabric, floor and window.....	—	—	140,894
Cleaning and scouring powder and paste.....	lb.	23,818,467	1,959,651
Cleaning preparations, other.....	—	—	1,312,163
Clips and staples, wire.....	—	—	*
Clocks.....	—	—	2,228,914
Cloth, gummed.....	—	—	*
Clothes driers.....	—	—	*
Clothes pins.....	—	—	462,361
Clothes hampers.....	—	—	199,324
Clothing, rubber, n.e.s.....	—	—	1,007,781
Clothing, safety.....	—	—	114,314
Clothing, sport and athletic—	—	—	—
Jackets and blazers (see Coats, jackets, etc.)	—	—	—
Suits, play.....	doz.	22,065	148,048
Suits, ski, and snow.....	No.	520,835	2,998,964
Suits, other.....	"	191,609	1,359,936
Slacks.....	"	1,522,758	5,208,066
Shorts.....	doz.	62,643	983,457
Parkas and hoods.....	"	12,114	574,496
Other sport clothing.....	—	—	539,815
Clothing, hospital.....	—	—	361,392
Clothing, oiled and waterproofed.....	—	—	737,159
Clothing, not specified.....	—	—	532,361
Coats and jackets—	—	—	—
Boys' overcoats and top coats.....	No.	53,083	539,963
Men's and youths' overcoats and top coats.....	"	755,091	17,840,918
Women's and misses' coats—	—	—	—
Woolen.....	"	1,469,346	31,810,139
Other.....	"	28,885	799,320
Children's coats—	—	—	—
Woolen.....	"	659,426	4,976,431
Other.....	"	32,199	193,314
Boys' separate jackets—	—	—	—
Woolen.....	"	7,845	55,669
Other.....	"	4,257	12,458
Men's and youths' separate jackets—	—	—	—
Woolen.....	"	264,952	3,577,442
Other.....	"	33,340	240,791
Women's and misses' separate jackets—	—	—	—
Woolen.....	"	107,085	711,893
Cotton.....	"	8,291	55,377
Other.....	"	25,559	130,983
Children's separate jackets—	—	—	—
Woolen.....	"	41,014	137,102
Other.....	"	24,150	59,506
Windbreakers.....	doz.	198,323	14,604,276
Coats and vests, leather, n.e.s.....	—	—	405,924
Other sport jackets, not specified.....	—	—	94,600
Rubber and rubberized coats.....	doz.	10,644	518,187
Oiled and other waterproofed coats.....	—	—	5,681,213
Washable coats, smocks, etc. (See Overalls).....	—	—	—
Brunch coats and house coats.....	doz.	16,599	381,047
Other cloth coats, not specified.....	—	—	542,514
Coats, fur—	—	—	—
Children's.....	No.	529	19,359
Ladies' (coats and capes).....	"	214,759	43,121,068
Men's.....	"	2,102	416,657
Coats, fur-lined.....	"	3,880	267,475

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items	Unit of Measure	Quantity	Value
			\$
Coat shells and plates.....	—	—	1,452,689
Cobalt naphthenate.....	—	—	*
Cocoa (made for sale).....	lb.	11,574,741	2,253,583
Cocoa butter—			
Made for own use.....	"	7,175,366	
Made for sale.....	"	3,099,330	1,688,333
Cocoa and chocolate preparations, not elsewhere specified (for sale)	"	1,774,973	507,147
Cocoonut, prepared and desiccated.....	—	—	*
Coffee, roasted.....	lb.	66,379,378	27,783,956
Coffee substitute.....	—	—	*
Coffee makers, glass.....	—	—	*
Coffins.....	No.	5,392	93,732
Coffin boxes (shells).....	—	—	454,529
Coils.....	—	—	*
Coke, gas-house.....	Ton	3,514,151	39,339,891
Coke, petroleum.....	—	78,125	598,215
Coke, pitch.....	—	—	*
Cold storage equipment.....	—	—	453,000
Collars and cuffs, men's.....	—	—	109,973
Collars, fur.....	No.	66,871	831,996
Colours, butter, cheese and other.....	—	—	234,450
Colours, dry.....	—	—	3,016,173
Colours, in oil and japan.....	—	—	*
Combs.....	—	—	1,369,535
Comforters—			
Cotton.....	No.	67,450	266,876
Down.....	"	12,570	211,339
Wool.....	"	54,601	376,607
Not specified.....	"	18,692	90,575
Communication systems (see radio communication equipment)	—	—	*
Compacts, powder and rouge.....	—	—	*
Compressors, air.....	No.	26,046	4,505,127
Concentrates used for soft drinks.....	—	—	2,370,800
Concrete, ready-mixed.....	cu. yd.	540,504	4,761,997
Conduit, electrical, rigid iron.....	lb.	18,547,150	2,228,008
Conduit, electrical, flexible.....	ft.	5,725,911	246,952
Conduit fittings.....	—	—	1,012,855
Conduit and parts, not specified.....	—	—	3,128,852
Cones, ice cream.....	M	361,652	942,305
Cones and tubes, textile winding.....	—	—	*
Confectionery, chocolate—			
In bulk.....	lb.	13,077,401	4,688,356
In bars.....	doz.	45,793,286	21,148,840
In packages.....	lb.	20,753,745	11,188,990
Not specified.....	"	136,443	92,050
Confectionery, sugar—			
In bulk.....	lb.	48,241,445	11,097,302
In bars.....	doz.	2,684,096	1,168,543
In packages.....	lb.	11,576,722	4,217,394
Penny goods.....	gr.	2,128,151	2,103,085
Lozenges.....	lb.	1,284,389	318,821
Confectionery, not specified.....	—	—	597,545
Containers, not elsewhere specified.....	—	—	68,476
Control and starting equipment, not elsewhere specified.....	—	—	6,160,158
Converter equipment, electrical.....	—	—	1,055,032
Coolers, milk and other.....	No.	11,042	1,920,088
Cooperage products, not specified.....	—	—	9,866
Copper alloys.....	lb.	480,538	121,776
Copper naphthenate.....	—	—	*
Copper and copper products, not specified.....	—	—	638,073
Cores, for paper rolls.....	M. ft	9,750	642,198
Cores, textile winding.....	—	—	*
Cork products.....	—	—	188,438
Corks and stoppers.....	—	—	*
Corn, cracked.....	Ton	3,954	240,406
Corsets, girdles, brassieres, etc.—			
Corsets and girdles.....	doz.	194,119	5,906,143
Combination garments.....	"	35,139	1,634,579
Bandeaux, brassieres, etc.....	"	528,564	5,597,069
Suspender girdles, shoulder straps, etc.....	—	—	597,069
Corset steels and clasps.....	—	—	*
Cosmetic containers and accessories, n.e.s.....	—	—	306,345
Cotter pins.....	—	—	344,237

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items	Unit of Measure	Quantity	Value
			\$
Cotton fabrics—			
Unbleached or grey.....	lb.	53,134,243	
Bleached or white.....	yd.	152,944,643	36,121,522
	lb.	8,961,604	
Yarn and stock dyed.....	yd.	33,204,371	8,042,616
	lb.	17,319,783	
Piece dyed.....	yd.	29,434,742	10,839,885
	lb.	12,667,799	
Printed and painted.....	yd.	41,377,348	12,277,430
	lb.	12,950,780	
Pillow cotton.....	yd.	54,619,453	13,120,364
	lb.	178,378	
	yd.	540,194	
Not specified.....			149,729
Counters, shoe.....			3,959,752
Couplings, flexible.....	pr.	26,430,641	502,971
Coverings, boiler and pipe, asbestos.....			139,966
Covers, canvas.....			604,001
Covers, couch, table, and other furniture.....			1,726,587
Covers, mattress.....	doz.	6,670	412,172
Covers, stockinette, meat.....			75,945
Covers, radiator, fabric.....			*
Covers, seat, automobile.....			53,332
Covers, not specified.....			2,019,628
Cracklings.....	lb.	57,481,917	707,540
Crayons, wax and chalk.....			1,768,404
Cream, sold in dairy factories.....	lb. B.F.	28,871,175	238,816
Cream, whey, sold in dairy factories.....		833,899	24,341,927
Cream of tartar, refined.....	lb.	173,313	391,106
Cream separators.....			138,714
Cresols.....			1,752,996
Croquet sets.....			*
Cross arms.....			*
Croton aldehyde.....			347,896
Crucibles, clay.....			*
Crushers and parts.....	No.	24	166,344
Cuffs, fur.....	pr.	1,337	25,249
Cultivators.....	No.	29,305	2,931,380
Cups, paper, drinking and baking.....			1,456,961
Curds, cheese.....	lb.	95,726	28,960
Curtains, shower.....			139,834
Curtains and curtain materials.....			3,504,229
Curtain rods and fixtures.....			754,739
Cushions.....			352,894
Cushion forms.....	No.	125,481	97,716
Cushions and mattresses, air and sponge.....			43,108
Cutting blocks and tables, butchers'.....			120,367
Cutlery, all kinds.....			642,628
Dairy products, not specified.....			218,564
Dairy equipment, not specified.....			605,625
Daters.....			72,727
Decorations, including party favours, confetti, etc.....			768,925
D.D.T.....			*
Dentifrices.....			4,430,650
Dentists' supplies, not elsewhere specified.....			328,807
Deodorant.....			727,869
Desk sets.....			50,567
Detergents.....			5,567,640
Dextrine.....			1,083,806
Dextrose (see Glucose)			
Diamonds (gems).....			*
Diaries, printed, etc.....			144,299
Dibutyl phthalate.....			*
Dicyandiamide.....			*
Dies, stamping, drawing and cutting.....			673,990
Dies, metal-working, n.e.s.....			1,862,993
Dies, taps and stocks.....			164,275
Dies, rubber, n.s.....			139,922
Discs, agricultural.....	No.	19,292	4,342,744
Dishcloths.....			121,454
Dish washers, electrical, commercial.....			*
Disinfectants.....			718,728

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items	Unit of Measure	Quantity	Value
			\$
Display forms and mounting.....	—	—	1,618,331
Ditchers—blade.....	—	—	*
Distillers' grain (See Grain, distillers').....	—	—	—
Dog collars.....	No.	90,560	44,289
Doilies, paper, dinner cloths, etc.....	—	—	258,593
Dolls of all kinds.....	—	—	2,098,747
Dolls' furnishings and parts.....	—	—	28,780
Doors, metal clad.....	—	—	409,773
Doors, veneer and plywood.....	—	—	*
Doughnuts.....	—	—	3,175,410
Dowels.....	M. lin. ft.	63,504	571,047
Down.....	—	—	*
Draperies and drapery material.....	—	—	494,397
Drapes, paper.....	—	—	216,469
Dresses, women's and misses'—			
Cotton (See also Coats, brunch coats, house coat, etc.).....	No.	3,345,849	8,680,997
Linen.....	"	93,968	454,111
Artificial silk and mixtures.....	"	6,473,931	42,406,184
Velvet.....	"	106,546	1,115,088
Woollen.....	"	454,998	4,647,434
Not specified.....	"	10,391	58,626
Dresses, children's—			
Cotton.....	No.	1,796,922	2,167,665
Artificial silk and mixtures.....	"	1,043,043	1,830,539
Woollen.....	"	103,275	374,597
Not specified.....	"	77,210	138,717
Dressing gowns, negligees (see Bathrobes) etc.			
Dressing, salad.....	lb.	8,389,099	2,965,624
Dressings and finishes—leather.....	—	—	632,125
Drilling machines.....	—	—	200,471
Drills, grain and fertilizer.....	No.	3,116	656,682
Drills, grain, press and plain.....	"	10,899	2,815,312
Drills, twist and other.....	—	—	4,319,206
Drills, mining and metallurgical.....	—	—	2,335,721
Drives, V-belts.....	—	—	784,177
Druggists' sundries—			
Hot water bottles.....	doz.	57,658	437,500
Nipples and soothers.....	doz.	601,244	178,578
Ice caps and collars.....	"	4,776	33,338
Not specified.....	—	—	9,568
Drums, veneer and plywood.....	No.	330,548	501,749
Dyeing, finishing, shrinking, etc.†			
Dyeing and finishing of textiles.....	yd.	84,944,696	6,440,732
Dyeing and finishing of yarns.....	lb.	2,665,770	916,803
Dyeing and finishing of other products.....	—	—	205,514
Bleaching, sponging, dyeing, etc. custom.....	—	—	2,426,586
Dyes, blended and packaged.....	—	—	361,227
Dyes and dressings, leather.....	—	—	40,583
Ear muffs.....	—	—	59,800
Eavetrough and pipe.....	—	—	665,919
Economizers.....	—	—	*
Egg cases.....	—	—	1,192,652
Egg substitute, including powdered albumen.....	—	—	21,587
Eggs, frozen.....	—	—	*
Eiderdown (see "Woollen cloth").....	—	—	9,012
Elastic products, not elsewhere specified.....	—	—	440,681
Electric heating elements (sold separately).....	—	—	9,370,713
Electrical apparatus, parts and supplies, not elsewhere specified.....	—	—	6,515,812
Electrical instruments and meters, except ammeters for autos.....	—	—	*
Electrodes, carbon and graphite.....	—	—	3,455,360
Electrotyping and stereotyping.....	—	—	2,104,985
Elevator parts.....	—	—	7,776,409
Elevators, freight and passenger.....	—	—	160,707
Embalming fluid.....	—	—	513,347
Emblems, badges and medals.....	—	—	147,341
Embossing.....	—	—	2,865,611
Embroideries and laces.....	—	—	*
Enamel frit.....	—	—	*
Enamels, oil and synthetic.....	imp. gal.	4,432,029	16,536,414
Engines, auto.....	—	—	*
Engines, auto, parts.....	—	—	*
Engines, gasoline.....	No.	63,546	4,486,095

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

† See footnote on page 165.

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items	Unit of Measure	Quantity	Value
			\$
Engines, steam.....	No.	43	60,377
Engines, diesel and other, not specified.....	—	—	4,035,832
Engine and turbine parts.....	—	—	1,734,805
Engraving (Trade work).....	—	—	304,012
Ensilage cutters.....	No.	500	158,559
Envelopes, made.....	—	—	6,983,230
Envelopes, printed.....	—	—	3,695,425
Ethyl acetate.....	—	—	—
Evaporators, commercial.....	No.	8,968	1,188,799
Eveners.....	—	—	—
Excelsior, paper.....	—	—	*
Excelsior, wood.....	ton	7,133	280,631
Excelsior pads, wrappers, etc.....	No.	13,333,788	252,921
Explosives.....	—	—	10,125,766
Extracts, flavouring (bakers', confectioners' and household, etc.).....	gal.	496,617	3,837,729
Extracts, flavouring, etc. (used for soft drinks).....	—	—	1,203,145
Eyes, artificial.....	—	—	*
Fabrics, coated and impregnated, not elsewhere specified.....	—	—	5,209,507
Fabrics, rubberized and waterproofed.....	—	—	441,414
Fabrics, not specified.....	—	—	428,706
Facing and parting, foundry.....	—	—	230,119
Fanning mills.....	—	—	*
Fans, electric.....	No.	104,332	922,113
Fasteners, zipper.....	—	—	5,443,274
Fasteners of all kinds, n.e.s.....	—	—	381,726
Fats, n.e.s.....	lb.	519,386	84,991
Feathers, millinery.....	—	—	414,229
Feed, chopped grain.....	—	—	69,834,250
Feed mixers.....	No.	2,035	75,590
Feed, stock, poultry, etc. (see Foods)			
Felt, coated and saturated (see Fabrics).....	—	—	—
Felt, cotton.....	lb.	6,142,314	843,814
Felt, hair and iute.....	"	666,246	180,678
Felt, harness and athletic.....	"	541,147	281,575
Felt, for pulp and paper making.....	"	4,522,414	7,090,940
Felt, padding.....	—	—	560,407
Felt, paper (see Paper)—	—	—	—
Felt, insole.....	lb.	268,395	139,928
Felt, shoe and gaiter.....	sq. yd.	568,805	526,423
Felt, not specified.....	—	—	2,083,971
Fences, electrical and equipment.....	—	—	138,236
Fencing, wire.....	ton	22,675	2,542,568
Fencing, chain link.....	"	3,433	298,464
Fencing, snow.....	—	—	756,949
Ferrie chloride.....	—	—	*
Ferro-alloys, (ferro-silicon, ferro-chrome, ferro-manganese, silicon sp., el., etc.).....	ton	226,794	20,264,044
Ferro-phosphorus.....	—	—	*
Fertilizers.....	—	—	22,017,450
Fertilizer sowers.....	No.	830	99,098
Fibre staple (art. silk).....	—	—	*
Files, nail.....	—	—	*
Files and rasps.....	—	—	*
Filing system supplies.....	—	—	1,686,529
Filling, pie, apple, canned.....	lb.	10,525,043	909,208
Filling, pie, apple, other.....	"	676,405	68,100
Filling, pie, other than apple, canned.....	"	607,339	82,929
Filling, pie, other than apple, not canned.....	"	2,220,643	333,632
Filling, pie, powder.....	"	1,700,529	411,983
Film, motion picture.....	—	—	*
Films, photographers'.....	—	—	*
Filters and filter presses.....	—	—	539,642
Fire clay.....	ton	3,960	33,907
Fire extinguishers and supplies.....	—	—	956,074
Fire fighting and fire protection equipment, n.e.s.....	—	—	1,659,614
Fireplaces and furnishings.....	—	—	505,350
Fireworks (see Pyrotechnics)—	—	—	—
Fish, canned.....	lb.	191,597,664	46,964,541
Fish, otherwise prepared.....	—	—	15,833,616
Fish, fresh, marketed for consumption, sold in factories.....	—	—	34,726,593
Fishing nets.....	—	—	1,852,331

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items	Unit of Measure	Quantity	Value
			\$
Fishing tackle.....	—	—	1,850,557
Fittings, ship.....	—	—	162,783
Fixtures, lighting, exterior.....	—	—	1,350,173
Fixtures, lighting, interior.....	—	—	11,740,847
Fixtures, lighting, not specified.....	—	—	385,372
Flags and bunting.....	—	—	212,562
Flashlight cases.....	—	—	328,587
Flatware, electro-silver plated and sterling.....	—	—	6,860,967
Flavourings, tobacco.....	—	—	*
Flax fibre.....	lb.	853,029	295,954
Flax products.....	ton	2,468	457,649
Floor covering, including oilcloths, etc.....	—	—	*
Flooring, hardwood.....	M.ft. b.m.	48,295	7,289,166
Floor tile and joists, steel.....	—	—	*
Flotation machines (mining and metallurgical).....	—	—	15,000
Flour, barley.....	lb.	618,965	34,460
Flour, buckwheat.....	“	4,838,813	221,615
Flour, corn.....	—	—	*
Flour, diabetic.....	—	—	—
Flour, potato (see “Starch and Flour”)	—	—	—
Flour, preparations for sausage fillings.....	lb.	5,919,441	507,246
Flour, prepared and self-raising.....	“	31,736,750	3,310,650
Flour, soya bean.....	“	4,324,254	303,995
Flour, wheat—	—	—	—
Spring, No. 1 patent.....	bbl.	5,993,484	43,803,289
Spring, No. 2 patent.....	“	5,464,146	34,518,386
Spring, No. 3 patent.....	“	14,453,047	117,471,396
Ontario winter, straight.....	“	757,368	4,797,659
Low grade flour.....	“	856,698	4,054,453
All other.....	“	828,955	4,984,583
Flour, graham or whole wheat.....	—	314,191	1,743,192
Flour, rice.....	—	—	*
Flour, rye.....	ton	2,502	276,328
Flowers, artificial.....	—	—	1,151,912
Flue linings.....	—	—	407,153
Fly pads and paper.....	—	—	*
Fly swatters.....	—	—	*
Foil of tin, lead and aluminum.....	—	—	8,643,132
Folding (trade work).....	—	—	180,670
Food drinks, liquid.....	gal.	2,763,005	1,774,443
Food, fox, dog, etc.—	—	—	—
Fox biscuits.....	ton	1,294	144,161
Dog biscuits.....	“	2,045	410,589
Canned dog food.....	“	7,537	1,635,602
Other dog food.....	“	6,818	945,381
Other fox food.....	“	9,580	1,133,425
Rabbit, turtle and other animal food.....	“	8,558	792,152
Food, stock.....	“	809,877	44,929,014
Food, poultry.....	“	857,674	53,917,744
Food, stock and poultry, n.e.s.....	“	172,139	9,855,370
Food, poultry, stock, etc. ingredients.....	—	—	*
Food mixers.....	—	—	—
Food, infant and invalid.....	lb.	4,829,391	1,319,139
Food, infants', canned.....	“	20,280,162	4,736,446
Food products, not specified.....	“	634,623	225,033
Foats, vegetable oil.....	“	2,960,025	95,239
Footwear, leather—	—	—	—
Felt upper—	—	—	—
Babies'.....	pr.	54,778	73,960
Boys'.....	“	103,859	184,137
Children's, including little gents.....	“	86,495	147,564
Men's.....	“	647,524	1,387,558
Youths'.....	“	33,534	58,702
Misses'.....	“	121,716	223,995
Women's and growing girls'.....	“	215,211	333,681
Leather or fabric upper—	—	—	—
Babies'.....	“	2,918,873	3,502,846
Boys'.....	“	1,262,108	3,356,755
Children's.....	“	1,857,354	3,445,144
Misses'.....	“	2,173,416	4,286,967
Men's.....	“	7,949,040	36,178,757
Youths'.....	“	358,623	824,846
Women's and growing girls'.....	“	12,880,234	43,274,361

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items	Unit of Measure	Quantity	Value
			\$
Footwear, shoe packs, larrigans, moccasins, etc.—			
Babies'	pr.	15,180	4,080
Boys'	"	50,616	79,873
Children's	"	5,720	6,758
Men's	"	233,060	557,764
Youth's	"	12,035	17,573
Women's, misses' and growing girls	"	103,064	178,121
Not specified	"	—	4,832
Footwear, rubber—			
Knee and hip boots, all rubber	"	4,346,312	7,866,688
Lumbermen's boots, all rubber	"	1,404,774	2,267,434
Lumbermen's boots, leather tops	"	411,271	1,900,276
Rubbers, light and heavy, incl. Jersey storms	"	5,505,216	4,002,153
Overshoes and galoshes	"	5,968,015	12,189,478
Rubber soled, fabric tops	"	6,303,480	6,549,493
Rubber soled, leather tops	"	277,338	743,886
Rubber bottoms for leather tops	"	247,765	398,962
Not specified	"	4,639	8,956
Forgings, including drop, shell, etc.	—	—	11,109,221
Forks, farm implements	No.	638,644	600,664
Forms, continuous, printed	—	—	5,531,352
Fountains, soda	—	—	885,828
Frames and cases, spectacle	—	—	*
Freezers, ice cream	—	—	*
Fringes, cords and tassels	—	—	518,831
Fruit drinks	—	—	169,064
Fruit juices, canned (see also "Grape juice")	lb.	28,188,056	1,769,288
Fruit concentrate (see "Apple and grape concentrate")	—	—	—
Fruit juices, other	lb.	160,615	51,109
Fruit peel, candied	"	2,987,392	723,310
Fruit pulp	"	679,938	85,939
Fruits, canned—			
Apples, including crab apples	"	15,986,760	1,169,055
Apple sauce	"	11,009,673	1,156,674
Aoricots	"	4,418,264	708,154
Blackberries	lb.	164,134	27,157
Blueberries	"	2,780,853	523,999
Cherries	"	7,373,325	1,483,175
Loganberries	"	295,006	64,871
Peaches	"	34,589,486	5,046,047
Pears	"	23,803,617	3,650,086
Plums	"	19,025,660	1,630,677
Raspberries	"	1,272,647	306,964
Rhubarb	"	1,226,085	81,325
Strawberries	"	3,055,861	683,728
Other fruits not specified, (Grapefruit, pineapple, etc.)	"	2,974,578	680,749
Fruits, fountain	lb.	4,497,850	1,919,828
Fruits, glace	lb.	4,293,149	1,578,087
Fruits for re-processing	"	30,442,904	4,234,863
Fruits, frozen, for re-processing	"	6,089,981	1,005,063
Fruits, frozen, not for re-processing	"	4,284,193	924,781
Fuel, hog	unit	239,322	292,228
Funnels, sheet metal	—	—	45,668
Fur dressing and dyeing	—	—	4,530,478
Fur trimmings	—	—	1,432,070
Fur, remodelling, etc.	—	—	5,853,189
Furnaces, electro-metallurgical	—	—	547,692
Furnaces, hot air	—	—	5,826,549
Furnaces, industrial, other	—	—	145,496
Furnaces, not specified, and furnace parts	—	—	492,242
Furniture—			
Bedroom	—	—	22,227,871
Breakfast room	—	—	3,511,607
Dining room	—	—	4,272,265
Kitchen	—	—	3,338,542
Living room	—	—	22,658,441
Other household	—	—	9,674,110
Office, steel and masonite	—	—	3,349,018
Office and store furniture and fixtures	—	—	9,410,389
Steel and metal, not specified	—	—	552,403
Children's	—	—	1,857,844
School, lodge, church and theatre	—	—	2,602,294
Camp, lawn and verandah	—	—	668,053

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items	Unit of Measure	Quantity	Value
			\$
Furniture— <i>Concluded</i>			
Wicker, fibre, reed and rattan, not specified	—	—	42,867
Furniture, not specified, and other cabinet work	—	—	2,893,156
Furniture frames and parts	—	—	2,688,605
Fuses and fuse wire	—	—	2,326,772
Gaiters, spats and leggings	—	—	142,696
Galvanized ware	—	—	2,120,854
Games, not specified	—	—	643,712
Garages and parts, metal	—	—	20,060
Garage equipment, n.e.s.	—	—	478,638
Gas made—			
Retort coal gas	M. cu. ft.	9,899,523	
Coke oven gas	"	45,770,402	
Producer gas	"	1,364,332	
Water gas	"	7,768,204	
Not specified	"	208,215	
Gas sold	"	22,947,000	22,435,440
Gas used in heating ovens, retorts or gas plants	"	17,862,758	2,663,788
Gas used in associated metallurgical work	"	22,673,155	2,213,138
Gas, otherwise accounted for, but not sold	"	273,097	91,664
Gas, not accounted for	"	2,117,299	995,421
Gas, still, from petroleum refineries	"	11,400,531	4,669,562
Gas, oil, pintsch	—	—	*
Gasoline	imp. gal.	1,074,549,865	143,342,382
Gates	No.	17,682	248,334
Gauges, not specified	—	—	414,483
Gears, wagon	—	—	1,555,454
Gears, transmission	—	—	1,795,758
Gelatine	—	—	*
Generators—			
Alternating current	No.	111	2,140,697
Direct current	—	—	681,742
Generator parts	—	—	80,245
Glass, bent	—	—	53,952
Glass, bevelled and polished edge	—	—	609,604
Glass, chipped or etched	—	—	116,893
Glass, cut	—	—	526,538
Glass, fibre	—	—	*
Glass, flat sheet and window	—	—	*
Glass, leaded, including memorial windows	—	—	182,704
Glass, non-shatterable	—	—	*
Glass, pressed and blown	—	—	22,049,023
Glass vials and chemical glassware	—	—	616,165
Glass products, other, including windshield glass	—	—	1,912,003
Gloves, mittens and gauntlets, fabric—			
Dress—			
Cotton, men's	doz. pr.	33,840	79,603
" women's	"	35,005	415,519
" children's	"	3,343	25,257
Artificial silk and mixtures, all types	"	105,164	893,006
Not specified	"	54,435	380,154
Work—			
Cotton, men's	"	618,520	1,477,861
" women's	"	8,410	19,975
Wool	"	14,936	92,274
Not specified	"	76,702	326,677
Knitted, all kinds	"	255,681	1,906,124
Gloves and mittens, leather, dress—			
Men's, lined	"	83,445	1,531,229
Men's, unlined	"	47,781	1,092,110
Women's and children's, lined	"	39,193	450,694
Women's and children's, unlined	"	84,702	1,911,916
Gloves and mittens, leather, work—			
Men's, lined	"	79,050	967,775
Men's, unlined	"	434,139	4,439,482
Gloves and mittens, leather, and other, not specified	—	—	896,004
(See also: "Sport gloves")			
Gloves and mittens, fur and fur-lined	pr.	25,836	29,659
Gloves, rubber and rubberized	doz. pr.	90,247	573,781
Glucose and dextrose	ton.	35,135	4,741,468
Glue (bone, hide, fish and vegetable)	lb.	43,905,431	5,426,932
Glue stock	"	49,934,345	621,805

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items	Unit of Measure	Quantity	Value
			\$
Gluten feed.....	ton.	37,708	1,590,965
Glycerine, crude.....	lb.	1,679,848	331,232
Glycerine, refined.....	"	9,414,446	2,756,743
Glycerine substitute.....	"	—	*
Goggles, sun.....	—	—	*
Gold alloys.....	—	—	2,350,041
Gold, fine.....	—	—	2,240,256
Gold, leaf.....	—	—	*
Golf supplies, including golf bags, sticks, heads, etc.....	—	—	702,092
Grains, sold wet and dry (breweries and distilleries).....	ton	161,520	1,674,072
Granite, monuments.....	—	—	3,374,304
Granite, for building purposes.....	—	—	230,715
Granules, roofing.....	—	—	*
Grape concentrate.....	—	—	*
Grape juice.....	lb.	5,649,508	875,944
Graphite powder.....	—	—	*
Grate bars and grating.....	—	—	184,398
Gravy preparations.....	—	—	58,688
Grease.....	lb.	41,562,083	2,717,508
Grease, lubricating.....	—	—	*
Grills and hot plates, electric.....	No.	214,545	1,172,323
Grinding machines.....	—	—	363,492
Grinding balls.....	—	—	1,687,451
Guanidine nitrate.....	—	—	*
Gums, unvulcanized.....	lb.	817,701	248,639
Gymnasium supplies, not specified.....	—	—	24,050
Gypsum blocks.....	—	—	*
Hair, animal, raw.....	lb.	6,322,035	2,069,863
Hair cloth.....	—	—	*
Hair nets.....	—	—	158,124
Hair goods.....	—	—	121,971
Hair wavers, curlers, pads, etc.....	—	—	730,219
Halters, leather.....	No.	54,294	107,241
Hammers, forging.....	—	—	*
Hammocks.....	No.	568	10,711
Handkerchiefs.....	doz.	1,201,800	1,411,574
Handles, broom and mop.....	No.	10,498,496	588,421
Handles, long tool and axe.....	"	4,524,245	1,343,461
Handles, small tool.....	"	18,279,206	607,639
Handles, n.s.....	—	—	302,293
Hangers, garment.....	—	—	609,184
Hardware, automobile.....	—	—	2,107,331
Hardware, builders'.....	—	—	5,903,911
Hardware, furniture.....	—	—	848,533
Hardware, harness and saddlery.....	—	—	481,425
Hardware, pole-line.....	—	—	4,388,444
Hardware, not specified.....	—	—	2,792,939
Harness, double.....	set	7,189	428,921
Harness, single.....	"	2,898	109,985
Harness collars.....	No.	83,916	400,735
Harness parts.....	—	—	1,267,267
Harrowes.....	—	—	2,331,823
Hassocks.....	—	—	240,857
Hat blocks.....	—	—	73,852
Hats, cotton—			
Men's.....	doz.	22,471	394,399
Women's and children's.....	"	3,458	42,009
Hats, fur felt—			
Men's.....	"	145,364	7,612,549
Women's.....	"	54,413	2,584,824
Children's.....	"	1,121	14,878
Not specified.....	"	28	3.6
Hats, wool, felt—			
Men's.....	"	41,235	670,475
Women's.....	"	173,315	3,687,572
Children's.....	"	12,682	151,559
Hats, velour felt, women's.....	"	1,828	87,021
Hats, straw—			
Men's.....	"	1,951	38,843
Women's.....	"	82,024	2,399,247
Children's.....	"	20,994	93,446

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items	Unit of Measure	Quantity	Value
			\$
Hats, panama. Included under, "Headwear, not specified".			
Hats, silk and crepe, women's.....	doz.	4,712	152,281
Hats, velvet.....	"	2,699	55,692
Hats, wool, women's and children's.....	"	3,942	51,964
Hats, waterproofed.....	"	2,886	26,436
Hats, not specified—			
Men's.....	"	25,932	293,148
Women's.....	"	36,022	683,826
Children's.....	"	1,856	24,949
Tams, berets, and turbans.....	"	10,642	130,510
Headwear, not specified.....	"	—	437,970
Hats, cleaned and reblocked.....	"	1,815	20,814
Hat bodies.....	"	363,127	3,378,331
Hatters' supplies, incl. hat linings.....	"	—	89,696
Hay loaders.....	No.	4,156	496,397
Hay rakes, dump, tedders, etc.....	"	14,604	1,076,665
Heading, barrel.....	—	—	680,500
Hearing aids.....	—	—	*
Heaters, air, electric.....	—	—	473,318
Heaters, auto and engine.....	No.	158,602	1,532,203
Heaters, boiler, feed, water.....	—	—	303,449
Heaters, water tank, electric.....	No.	120,998	1,089,666
Heaters, water tank, gas.....	"	25,391	862,768
Heaters, water tank, cast iron.....	—	—	268,626
Heaters, not specified.....	—	—	21,990
Heaters, electric, unit.....	—	—	2,978,709
Heating and ventilating equipment, not elsewhere specified.....	—	—	3,981,932
Heels, leather and wood.....	pr.	18,358,377	1,837,944
Heels, rubber and composition.....	"	18,001,442	1,388,164
Helmets.....	—	—	163,697
Hides, all kinds.....	—	—	12,651,767
Hockey pucks.....	doz.	17,016	17,105
Hockey sticks.....	"	74,703	615,638
Hoes, hand.....	No.	313,756	201,193
Hoists.....	—	—	2,536,778
Holders, cigar and cigarette.....	—	—	*
Hollow-ware, sterling silver.....	—	—	346,678
Hollow-ware and spinings, aluminum, brass and copper.....	—	—	23,527
Hollow-ware, electro-silver plated.....	—	—	3,257,099
Hollow-ware, other.....	—	—	284,040
Honey butter.....	lb.	8,905	2,582
Hooks, eyes, notions, etc., not elsewhere specified.....	—	—	117,425
Hoops, wooden.....	M	2,412	64,190
Hoops, steel.....	"	5,518	146,398
Hoops, bands and strips, hot and cold rolled (sold).....	—	—	*
Hooves and horns.....	lb.	1,398,305	54,483
Horseradish, prepared.....	"	255,777	102,747
Horseshoes.....	—	—	576,642
Hose, fire, unlined, linen.....	—	—	*
Hose, rubber.....	—	—	7,360,801
Hosiery—			
Cotton and cotton mixtures—			
Men's Seamless—			
Work socks.....	doz. prs.	187,029	458,149
Fine socks.....	"	386,006	1,488,761
Other (anklets, sports, etc.).....	"	119,426	430,060
Women's Seamless—			
Full length stockings.....	"	435,895	1,547,915
Other (anklet, sports, etc.).....	"	432,012	1,040,164
Children's Seamless—			
Full length stockings.....	"	287,999	894,742
Golfers.....	"	149,250	472,194
Other.....	"	700,459	1,343,152
Full fashioned (all types).....	"	174,884	1,385,893
Silk and silk mixtures, seamless and full-fashioned.....	"	12,457	595,439
Rayon and rayon mixtures—			
Men's, seamless.....	"	56,697	260,846
Women's, seamless.....	"	284,096	1,121,855
Children's, seamless.....	"	167,174	404,197
Full fashioned (all types).....	"	500,632	3,869,387
Synthetic fibres (nylon, etc.)—			
Seamless.....	"	151,596	1,303,061
Full fashioned.....	"	2,134,843	21,874,017

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items	Unit of Measure	Quantity	Value
			\$
Hosiery— <i>Concluded</i>			
Wool and wool mixtures—			
Men's Seamless—			
Work socks.....	doz. prs.	616,679	3,238,605
Fine socks.....	"	863,525	6,726,907
Other.....	"	214,229	1,125,207
Women's Seamless—			
Full length stockings.....	"	95,883	651,830
Other (anklets, etc.).....	"	186,837	721,364
Children's Seamless—			
Full length stockings.....	"	285,345	1,391,509
Golfers.....	"	167,313	1,022,926
Other (half length, anklets, etc.).....	"	124,159	448,563
Full fashioned (all types).....	"	62,835	795,935
Hosiery, not specified.....	—	—	612,099
Houses, pre-fabricated.....	—	—	1,305,752
Humidifiers and air conditioners.....	—	—	57,527
Hydrants.....	—	—	425,694
Hydrogen.....	cu. ft.	72,740,878	240,871
Hydrogen chloride.....	—	—	*
Hydrogen peroxide.....	—	—	*
Hydrol.....	—	—	*
Ice, artificial.....	ton	824,808	4,244,789
Ice cream (factory).....	gal.	21,162,909	27,570,169
Ice cream mix.....	"	1,719,000	2,180,255
Ice cream sundries.....	—	—	56,443
Icings and icing paste, n.e.s.....	lb.	330,794	110,649
Implements, hand, n.e.s.....	—	—	181,037
Incense.....	lb.	8,568	9,311
Incubators and other poultrymen's supplies.....	—	—	794,075
Infants' wear, not specified.....	—	—	2,863,739
Ingots, brass, bronze, etc. (see "Bars and ingots")	—	—	—
Ingots, steel and alloy—			
Quantity made.....	net ton	2,854,779	—
Quantity sold.....	"	66,596	2,925,776
Ink, printing and lithographing.....	lb.	17,843,861	5,883,670
Ink, writing.....	"	780,690	267,348
Ink, not specified.....	—	—	150,779
Insecticides.....	—	—	3,360,341
Instruments, scientific, n.e.s.....	—	—	*
Insulating materials, n.e.s.....	—	—	499,461
Insulators, porcelain, and insulator parts.....	—	—	3,431,670
Iron, pig—			
Quantity made.....	net ton	1,962,848	—
Quantity sold.....	"	458,300	14,172,493
Irons, flat, electric.....	No.	440,538	2,277,188
Irons, commercial, steam.....	—	—	*
Ironers, electric.....	No.	7,941	580,829
Iron and steel products, rolled, n.e.s.....	—	—	1,164,536
Irons, gasoline.....	—	—	*
Iron work, ornamental and architectural.....	—	—	3,709,429
Ironing boards.....	—	—	*
Isobutylene.....	—	—	*
Jacks, auto and other, not specified.....	—	—	679,342
Jams.....	lb.	91,148,345	14,067,198
Javelle water.....	—	—	3,253,038
Jellies.....	lb.	4,445,239	661,963
Jersey cloth (see Knitted fabrics)	—	—	—
Jewellery.....	—	—	9,951,899
Jigs and fixtures.....	—	—	1,027,975
Jointers, woodworking.....	—	—	209,756
Jute, jute paddings and jute yarn.....	—	—	1,404,634
Kapok.....	—	—	*
Kegs, beer.....	—	—	*
Kegs, fish.....	No.	9,797	20,259
Kegs, nail, etc.....	"	1,590,225	713,110
Kerosene.....	imp. gal.	32,449,835	4,446,426

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items	Unit of Measure	Quantity	Value
			\$
Kitchen equipment for hotels, cafeterias, etc.	—	—	982,338
Kitchenware, aluminum, including pressure cookers	—	—	7,671,998
Kitchenware, other	—	—	3,309,614
Knitted fabrics	—	—	6,002,510
Knitted goods, miscellaneous—			
Infants' jackets, booties, etc.	—	—	1,919,623
Knitting, custom	—	—	221,698
Knives, machine	—	—	943,426
Knives, pocket and army knives	—	—	*
Knives, bread, paring, etc.	—	—	39,629
Labels, gummed	—	—	285,072
Labels, fabric	—	—	1,116,206
Laces, shoe, silk, cotton, etc.	—	—	955,584
Laces, shoe, leather	doz. pr.	20,589	20,381
Laces, corset	—	—	85,090
Lacquers	—	—	5,062,075
Lacrosse sticks	—	—	*
Lactose (see "Sugar of milk")	—	—	
Ladders, step, extension, etc.	—	—	732,512
Lamps, incandescent, except therapeutic (bulbs)	No.	92,571,513	8,940,464
Lamps, fluorescent (bulbs)	"	2,899,380	1,522,527
Lamps, table and floor, electric	—	—	3,863,291
Lamps, other	—	—	35,474
Lamp shades and wire frames	—	—	1,295,803
Lamp stands and lamp bases	—	—	206,703
Lamps and lanterns, railway, marine, etc.	—	—	1,866,624
Lard	lb.	52,950,302	11,988,313
Lasts, trees and shoe findings, not elsewhere specified	—	—	885,810
Lathes, metal-working	—	—	1,467,630
Lathes, wood-working	—	—	46,728
Lath, metal	—	—	576,180
Lath, gypsum	sq. ft.	111,092,387	2,282,892
Lath, wood	—	—	1,249,936
Lead, acetate	—	—	*
Lead naphthenate	—	—	*
Lead, refined	lb.	43,194,689	5,648,133
Lead, red	—	—	*
Lead, white, dry	—	—	*
Lead, white, in oil	lb.	8,207,445	1,025,471
Lead, sheet	"	7,088,761	1,036,540
Lead products, n.s.	—	—	1,761,273
Leads for pencils	—	—	123,373
Leather—			
Belting	lb.	655,348	740,516
Bag, garment, pocket-book, trunk, etc.	sq. ft.	30,538,154	9,221,219
Harness	lb.	3,432,363	1,955,888
Lace	"	127,149	139,141
Oil tanned, shoepack	"	190,019	50,832
Sole—			
Chrome	"	301,425	153,860
Hemlock	—	—	*
Oak	lb.	29,520,622	16,250,295
Splits	"	16,471	3,483
Upholstering	sq. ft.	1,327,202	485,388
Upper leather—			
Calf skins	"	18,773,345	13,237,149
Cattle and horse hides	"	41,580,359	15,280,497
Chrome splits	"	12,097,769	2,064,869
Goat skins	—	—	*
Sheep skins	sq. ft.	3,619,911	813,180
Wax splits	—	—	*
Other leather, not specified	—	—	1,338,968
Leather splits, not specified	—	—	1,693,087
Leather, not specified	—	—	1,990,704
Leather, artificial	sq. yd.	1,518,585	1,089,130
Leather goods, not specified	—	—	269,089
Lecithin, soya	—	—	*
Lemon butter	—	—	*
Lenses, optical	—	—	2,499,702
Lenses, contact	—	—	*
Life buoys, jackets, belts, etc.	—	—	103,403

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items	Unit of Measure	Quantity	Value
			\$
Lighter fluid.....	—	—	179,495
Lighters, cigarette and parts.....	—	—	2,424,190
Lightning arresters, n.e.s.....	—	—	590,155
Lightning rods and supplies.....	—	—	319,147
Lime, grey acetate.....	—	—	*
Lime, hydrated.....	—	—	*
Lime, quick.....	—	—	8,850,023
Limestone (buildings and monuments).....	—	—	2,015,932
Line material incl. overhead trolley.....	—	—	439,241
Linings, brake, asbestos.....	ft.	6,391,558	1,644,478
Linings, glove, shoe, etc.....	—	—	1,666,072
Linings, not specified.....	—	—	25,491
Litharge.....	—	—	*
Lithographing (see Printing).....	—	—	*
Locomotives, new, and tenders.....	—	—	5,798,670
Locomotive and car parts.....	—	—	139,127
Looms, weaving.....	—	—	1,351,235
Lubricating systems.....	—	—	14,959,041
Lumber, matched.....	M.ft. b.m.	206,011	108,206,960
Lumber, planed.....	"	1,695,832	250,807,083
Lumber, sawn.....	"	4,771,143	1,288,711
Lumber, not specified.....	—	—	*
Lye.....	—	—	*
Macaroni and cheese.....	—	—	*
Macaroni and spaghetti, canned.....	lb.	34,392,327	3,179,581
Macaroni, vermicelli, spaghetti, etc.....	ton	40,438	5,883,684
Machinery—			
Accounting machines.....	—	—	3,595,857
Adding and other calculating.....	—	—	957,836
Bakers', mixing.....	—	—	533,206
Bakers', not elsewhere specified.....	—	—	311,522
Boring (metal-working).....	—	—	*
Bottlers.....	—	—	950,087
Canning and parts.....	—	—	1,722,749
Cheese factory.....	—	—	73,099
Chlorinating.....	—	—	*
Cleaning and pressing.....	—	—	1,008,866
Coal handling and coal pulverizing.....	—	—	77,215
Concrete and cement making.....	—	—	2,221,764
Dairy.....	—	—	1,452,858
Conveyors.....	—	—	5,654,640
Elevating and conveying, n.e.s.....	—	—	1,689,732
Elevator buckets.....	—	—	402,318
Flax mill.....	—	—	682,234
Flour and grist mill, not elsewhere specified.....	—	—	475,755
Grain grinding, cleaning, etc.....	—	—	983,130
Grain loaders and elevators.....	—	—	5,877,734
Hoisting, except mine hoists.....	—	—	220,200
Kitchen and other household.....	—	—	1,791,155
Laundry.....	—	—	1,616,006
Leather-working, not elsewhere specified.....	—	—	2,152,580
Logging.....	—	—	*
Lumber and shingle drying.....	—	—	41,650
Metal-working, not elsewhere specified.....	—	—	*
Metering equipment.....	—	—	*
Milking.....	—	—	*
Milling (metal-working).....	—	—	3,641,209
Mining and metallurgical, not elsewhere specified, and parts.....	—	—	1,962,121
Office, not elsewhere specified.....	—	—	*
Oil refining.....	—	—	601,607
Plastics.....	—	—	297,392
Printing.....	—	—	10,941,496
Pulp and paper.....	—	—	885,219
Refrigerating.....	—	—	3,465,071
Road and excavating.....	—	—	342,036
Rolling mill.....	—	—	1,458,354
Rubber mill.....	—	—	93,595
Sawing, band, machine.....	No.	301	3,212,798
Saw and planing mill.....	—	—	*
Sewing.....	—	—	2,612,420
Ships', and fittings.....	—	—	75,726
Stone-working.....	—	—	

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items	Unit of Measure	Quantity	Value
			\$
Machinery— <i>Concluded</i>			
Syrup-making	—	—	254,301
Textile, n.e.s.	—	—	654,194
Transmission	—	—	2,631,252
Vulcanizing	—	—	*
Washing machines—			
Electric	—	—	16,809,878
Hand and other	No.	26,571	2,298,128
Parts and accessories	—	—	*
Well-drilling	—	—	183,197
Water softener equipment	—	—	*
Wood-working, n.e.s.	—	—	2,027,946
Other, not specified	—	—	8,793,862
Machinery parts, not specified	—	—	515,053
Magnesia, fused	—	—	*
Magnesium carbonate and stearate	—	—	*
Malt, made for sale	—	—	*
Malt flour	lb.	1,790,204	151,305
Malt extract and syrup	—	—	*
Malt coomings and sprouts	ton	7,070	173,163
Malt, caramel	—	—	*
Manganese naphthenate	—	—	*
Mantles, lamp	—	—	*
Manure spreaders	No.	6,152	862,713
Maple butter	—	—	*
Maps	—	—	419,993
Marble chips and dust	—	—	5,354
Marble, monuments	—	—	432,927
Marble, for building purposes	—	—	267,885
Marine and fishermen's supplies	—	—	399,056
Marmalades	lb.	24,630,379	3,270,361
Match splints and match blocks	—	—	*
Matches (wood-working)	No.	14	83,976
Matches	—	—	4,027,846
Mats and matting, cocoa	—	—	*
Mats and matting, rubber	—	—	1,105,355
Mattresses	No.	1,052,173	14,626,606
Mattresses, air and sponge	—	—	*
Meal, alfalfa	ton	33,750	1,167,015
Meal, barley	—	63,920	2,973,481
Meal, cereal grass	"	11,154	799,272
Meal, oilcake, cocoanut	—	—	*
Meal, corn	lb.	15,202,000	628,849
Meal, fish	—	24,913	2,788,782
Meal, meat, hoof, lung, liver, etc.	"	12,115,532	428,276
Meal, mustard seed and oil cake	—	—	*
Meal, oilcake, linseed	ton	86,116	3,482,908
Meal, peanut oilcake	—	—	*
Meal, rapeseed oil cake	—	—	*
Meal, pea	lb.	277,130	5,457
Meal, rice	—	—	*
Meal, rye	ton	726	59,233
Meal, sunflower	—	—	*
Meal, soybean	ton	54,551	2,879,478
Meat, scrap	lb.	33,662,449	1,086,135
Meats, canned—			
Poultry	"	1,089,091	702,960
Meats, other	"	112,547,254	28,799,231
Meats, cooked all kinds	"	100,500,527	29,340,182
Meats, cured—			
Bacon and sides	"	233,895,520	70,607,120
Beef, salted and cured	"	7,222,354	1,698,911
Hams	"	40,850,867	14,946,481
Pork salted	"	48,243,748	12,194,929
Shoulders	"	32,037,984	11,094,135
Other	"	34,972,883	9,717,688
Meats, sold fresh—			
Beef	"	539,749,986	122,111,907
Fancy meats, not specified	"	38,747,243	5,839,534
Horse	"	6,158,307	383,314
Mutton and lamb	"	34,718,829	8,850,225
Pork	"	141,646,115	36,542,989
Veal	"	67,675,098	15,007,352
Other	"	422,758	92,220

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items	Unit of Measure	Quantity	Value
			\$
Meats, frozen.....	lb.	72,805,992	15,327,202
Medicinal and pharmaceutical preparations—			
Standard.....	—	—	11,298,948
Specialties registered as patent medicines.....	—	—	9,206,408
Specialties sold with ingredients declared.....	—	—	18,256,259
Vitamins, all kinds.....	—	—	8,098,747
Other.....	—	—	473,945
Metal products, not specified.....	—	—	514,433
Meters, gasoline.....	—	—	*
Meters, water.....	—	—	*
Meters, not specified, and meter parts.....	—	—	641,049
Methyl hydrate, crude and refined.....	imp. gal.	376,128	417,794
Mica products.....	—	—	*
Milk, sold in dairy factories.....	gal.	131,355,501	73,152,304
Milk, buttermilk, sold.....	—	—	728,783
Milk, buttermilk, condensed.....	lb.	379,802	12,999
Milk, condensed.....	"	29,075,839	4,538,262
Milk, condensed, skim.....	"	4,239,969	398,036
Milk, evaporated.....	"	211,777,526	20,650,378
Milk, skim.....	—	—	472,616
Milk, skim, evaporated.....	lb.	5,691,830	337,555
Milk products, not specified.....	—	—	673,659
Milk drinks (see Food drinks)	—	—	*
Military and naval equipment, not specified.....	—	—	*
Milling cutters.....	—	—	539,869
Mincemeat.....	lb.	9,700,770	1,505,061
Mine props, wedges, etc.....	—	—	865,046
Mirrors.....	—	—	3,406,361
Modelling clay.....	—	—	*
Molasses.....	—	—	1,276,860
Monochlorobenzene.....	—	—	*
Monuments, lettered only.....	—	—	253,322
Monuments, not elsewhere specified.....	—	—	*
Mops—			
Floor.....	doz.	146,718	998,912
Dust.....	"	32,544	346,484
Dish.....	"	38,461	46,653
Other, not specified, and parts.....	—	—	425,985
Mosquito netting, bars, etc.....	—	—	*
Motors, electric, A.C. and D.C. (except starting motors).....	—	—	23,044,333
Motors, other, and parts.....	—	—	2,467,791
Moulders, wood-working.....	No.	56	104,333
Mouldings.....	—	—	5,097,281
Moulds for bakelite and rubber.....	—	—	*
Mounting (trade work).....	—	—	923,934
Mowers, hay.....	No.	17,861	2,139,976
Mowers, lawn.....	—	—	1,458,865
Mucilage.....	—	—	95,849
Muffs, fur.....	No.	4,470	107,412
Muff beds and cloth muffs.....	doz.	1,173	33,672
Munitions and other war supplies.....	—	—	4,588,565
Music, printed.....	—	—	85,329
Musical instruments, and parts, not elsewhere specified.....	—	—	241,661
Mustard, dry.....	lb.	463,455	77,970
Mustard, prepared.....	gal.	858,504	1,137,618
Mustard compound.....	lb.	164,926	34,945
Nails, aluminum.....	—	—	1,160,006
Nails and spikes, cut from plate—			
Quantity made.....	keg.	18,669	—
Quantity sold.....	—	17,819	143,879
Nails, tacks and brads, wire—			
Quantity made.....	"	1,548,283	—
Quantity sold.....	"	1,523,868	7,446,036
Nails, horseshoe and other, n.e.s.....	—	—	275,512
Napkins, paper.....	—	—	1,392,478
Naphtha V.M. and P. or solvent.....	gal.	27,152,848	4,191,217
Neckties.....	doz.	839,848	7,245,515
Neckwear, women's.....	"	77,382	486,729
Neck pieces, fur.....	No.	41,450	1,165,869
Needles, knitting machine.....	—	—	*
Needles, knitting and other.....	—	—	611,920
Nets and nettings.....	—	—	32,404

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items	Unit of Measure	Quantity	Value
			\$
Nickel salts.....	—	—	*
Nickel-silver, not elsewhere specified.....	—	—	*
Night dresses—			
Cotton and flannelette.....	doz.	78,304	1,152,643
Silk and artificial silk.....	"	62,771	1,635,896
Night dresses, knitted and other, n.s.....	"	16,535	558,066
Nightshirts.....	"	4,496	91,365
Nitrogen.....	—	—	*
Nitrous oxide.....	—	—	*
Non-ferrous alloys, not elsewhere specified.....	lb.	1,316,678	208,772
Novelties, advertising and other, not specified.....	—	—	1,290,134
Novelties, printed.....	—	—	832,244
Nuts, salted, etc.....	lb.	1,638,766	1,841,028
Oars and paddles.....	—	—	163,294
Oats, rolled.....	ton	79,848	9,245,988
Oatmeal.....	"	29,351	2,493,620
Offal, not specified.....	"	113,146	2,950,855
Oil burners and parts.....	—	—	7,608,456
Oilcloth, other than floor.....	—	—	*
Oil, aniline.....	—	—	*
Oil, coconut, crude and processed.....	ton	28,496	10,020,017
Oil, core.....	—	—	635,099
Oil, corn, crude.....	—	—	*
Oil, corn, refined.....	—	—	*
Oil, corn, n.s.....	—	—	*
Oil, cottonseed.....	lb.	30,853	7,713
Oil, creosote.....	imp. gal.	9,947,648	1,999,148
Oil, engine and tractor distillate.....	"	35,400,048	4,451,427
Oils, fish (vitamin).....	lb.	4,243,984	2,942,417
Oils, fish, industrial.....	"	17,436,318	1,950,250
Oil, fish, other.....	—	—	*
Oil, fuel, diesel.....	imp. gal.	182,234,474	14,405,387
Oil, gas and light fuel oil—			
For own use.....	"	136,008	10,361
For sale.....	"	255,440,748	21,682,213
Oil, residual fuel—			
For own use.....	"	115,152,876	6,962,660
For sale.....	"	545,286,306	38,165,884
Oil, fusel (sold).....	"	37,633	27,538
Oil, lard.....	lb.	2,243,008	447,815
Oil, linseed, boiled.....	gal.	927,706	1,380,569
Oil, linseed, raw.....	"	5,650,674	7,903,598
Oil, linseed, special.....	—	—	7,734,043
Oil, lubricating.....	—	—	18,548,676
Oil, neatsfoot.....	lb.	894,572	175,266
Oil, oleo.....	"	1,584,492	227,369
Oil, peanut, processed.....	ton	4,397	2,840,263
Oil, soybean.....	"	14,035	5,400,884
Oil, light, n.e.s.....	imp. gal.	1,357,451	296,936
Oil, rape seed.....	—	—	*
Oil, silk.....	—	—	*
Oil, stand blown, enamel, etc.....	—	—	*
Oil, marine, n.e.s.....	—	—	*
Oil, blended salad.....	—	—	*
Oil, acidless tallow.....	—	—	*
Oil, stove.....	imp. gal.	62,128,306	5,810,840
Oils, sulphonated, textile oils, and other textile chemicals.....	—	—	2,163,374
Oil, sunflower seed.....	ton	4,278	2,220,571
Oils, vegetable, n.e.s.....	lb.	1,933,046	582,043
Oils, other, not specified.....	—	—	1,195,757
Oleo stock.....	—	—	*
Olives, bottled, etc.....	gal.	234,800	1,144,978
Organs, pipe.....	No.	59	296,802
Organs, other, and parts.....	—	—	844,509
Ornaments, not specified.....	—	—	291,097
Ovens, commercial, cooking.....	—	—	570,438
Overalls—			
Men's and boys'.....	doz.	284,978	7,681,588
Children's.....	"	210,695	2,129,416
Not specified.....	"	11,698	204,216
Overall coats, smocks, dusters, etc.....	"	56,382	1,606,452
Oxygen.....	cu. ft.	577,806,032	4,603,919

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items	Unit of Measure	Quantity	Value
			\$
Packing, asbestos.....	—	—	313,718
Packing, rubber.....	lb.	1,453,769	389,630
Packing, not specified.....	—	—	60,648
Pads, electric, heating.....	No.	81,712	354,507
Pads, stamp.....	—	—	64,932
Pads, stair.....	—	—	*
Pads, sweat.....	—	—	131,179
Pads and padding, not specified.....	—	—	573,309
Pails, paper.....	No.	40,158,934	565,364
Pails and tubs, wooden.....	—	—	353,554
Painting equipment, not specified.....	—	—	*
Paint, varnish and enamel removers.....	—	—	279,392
Paints, mixed, ready for use.....	imp. gal.	10,023,399	31,449,632
Paints, cement.....	—	—	219,134
Paints, cold water.....	lb.	14,637,104	1,284,289
Paints, water colour.....	—	—	*
Paints, water resin.....	lb.	2,961,688	532,957
Paints, paste.....	"	7,450,216	1,217,855
Paints, varnishes and cements, coal tar.....	—	—	*
Paints and enamels, not specified.....	—	—	515,128
Panel boards and cabinets.....	—	—	1,928,695
Pants, breeches, etc.—			
Fine pants, men's and youths'—			
Woolen.....	No.	2,046,202	11,803,044
Other.....	—	415,649	1,877,723
Fine pants, boys'—			
Woolen.....	"	863,516	2,293,831
Other.....	"	775,564	1,237,687
Work pants, men's and youths'—			
Woolen and mixtures.....	"	621,576	2,321,803
Cotton.....	"	2,826,036	6,228,813
Work pants, not specified.....	—	—	100,733
Breeches, men's and youths'—			
Woolen and mixtures.....	No.	152,292	587,527
Cotton.....	"	119,100	276,301
Breeches, boys'—			
Woolen and mixtures.....	"	370,044	813,300
Cotton.....	"	45,720	99,108
Pants, not specified—			
Men's and youths'.....	"	1,812	13,603
Boys'.....	"	131,568	74,650
Not specified.....	—	—	127,482
Pants, baby, rubber.....	doz.	137,061	288,900
Pants, rubberized and oiled.....	—	3,572	107,131
Paper—			
Adding machine and cash register.....	roll	2,466,098	185,130
Asbestos.....	—	—	265,783
Blotting, clay coated and enamelled.....	—	—	*
Blue print and photostat.....	—	—	600,699
Book.....	s. ton	77,687	13,330,381
Box cover, colored.....	lb.	4,522,622	919,306
Writing pads, tablets, etc.....	—	—	781,590
Building and roofing paper—			
Asphalt saturated rag, asbestos and solka felt shingles.....	square	2,074,344	12,072,379
Mineral surfaced rag, asbestos and solka felt roofing.....	"	1,684,282	4,824,706
Smooth surfaced rag, asbestos solka felt roll roofing.....	"	1,626,639	3,061,309
Tar and asphalt saturated rag, asbestos and solka, felts, not coated.....	ton	46,115	3,368,648
Tar and asphalt saturated and coated sheathings.....	"	13,142	1,315,798
Other felts and sheathings.....	"	439	73,551
Building papers, n.s.....	"	79,858	5,703,911
Paper, insulated siding.....	—	—	*
Carbon.....	ream	139,990	1,820,796
Cigarette tubes and paper.....	—	—	*
Coated paper, other, n.e.s.....	lb.	32,903,950	4,175,544
Corrugated.....	—	—	590,624
Creped or crinkled.....	lb.	1,428,139	454,693
Fabric.....	—	—	*
Fine.....	s. ton	86,145	20,828,036
Foolscap, not elsewhere specified.....	—	—	112,886
Friction or flint glazed.....	—	—	*
Gummed (in sheets).....	—	—	*
Special industrial.....	s. ton	9,573	1,813,556

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items	Unit of Measure	Quantity	Value
			\$
Paper— <i>Concluded</i>			
Lining, pan, shelf, etc.	—	—	372,064
Parchment, vegetable	—	—	*
Oiled	lb.	1,372,571	158,937
Paper napkins and doilies (see "Napkins" and "Doilies")			
Newsprint paper—			
In sheets, for printing	s. ton	87,897	8,840,619
In rolls, for printing	"	4,356,703	344,720,882
Side runs for pulping	"	29,241	1,940,845
Counter rolls	"	423	38,323
Other	—	—	*
Printing and specialty paper, groundwood	s. ton	46,930	5,568,770
Safety paper, for cheques, etc.	—	—	*
Sanitary	s. ton	46,832	7,356,047
Tissue, converted	—	—	605,577
Tissue, other than sanitary (basic stock)	s. ton	20,674	4,823,609
Toilet, converted	cases	1,010,306	6,074,572
Towels, paper (see "Towels")			
Typewriter, not elsewhere specified	ream	256,590	209,909
Wall paper	—	—	*
Waterproofed, other than waxed, n.e.s.	—	—	*
Waxed, all kinds, including bread wrappers, etc.	lb.	53,272,566	8,249,097
Wrapping paper—			
Unbleached sulphate, Kraft No. 1 and 2	s. ton	145,054	18,378,748
Bleached sulphite and sulphate	"	10,647	2,145,926
Unbleached and semi-bleached sulphate and sulphite	"	9,846	1,629,736
Miscellaneous furnishes	"	17,291	2,235,337
Wrapping, special	"	5,904	1,620,249
Paper, miscellaneous, not elsewhere specified, converted	—	—	563,768
Paper goods, including papeteries	—	—	1,243,431
Paper board—			
Box board	s. ton	371,738	31,590,179
Building, rigid insulating	—	—	8,501,037
Building, other	s. ton	31,280	3,730,128
Container chips	"	6,047	317,514
Corrugating board	"	102,655	8,959,472
Liners	"	175,221	15,971,032
Mounting board	—	—	*
Clay coated and enamelled	—	—	*
Coated, other, not specified	—	—	2,416,802
Wallboard and building board, n.e.s.	sq. ft.	45,272,639	1,422,008
All other board and paper, not specified	—	—	1,474,490
Parachute and parachute equipment	—	—	137,629
Paraldehyde	—	—	*
Paste, adhesive	—	—	404,632
Paste, fish, meat and chicken	lb.	2,627,262	899,896
Paste, flavouring	"	141,865	22,323
Paste, tooth (see "Dentifrices")	—	—	*
Patterns and models, foundry and other, wood and metal	—	—	1,705,247
Patterns, paper	—	—	1,129,195
Patterns, shoe	—	—	59,510
Peanut butter	lb.	20,561,334	6,568,355
Peanuts, roasted and salted (for sale)	"	14,007,612	4,896,426
Peas, split	"	6,557,650	519,411
Peavies, cant hooks and pike poles	—	—	451,007
Pectin (see also Apple juice concentrate)	—	—	*
Pencils, ordinary lead	gr.	576,414	1,836,437
Pencils, adjustable lead	—	—	959,280
Penicillin	units	774,275,140,000	2,594,354
Pennants	—	—	80,388
Pens, fountain	—	—	5,281,002
Pen parts, pen holders and nibs	doz.	168,917	261,923
Pentaxol acetate	—	—	*
Perchloroethylene	—	—	*
Percolators, electric	—	—	*
Perfumes	—	—	1,542,543
Periodicals, printed by publishers—			
Newspapers, daily—			
Gross revenue from advertising	—	—	53,929,642
Subscriptions and sales	—	—	28,321,680
Newspapers, weekly and other—			
Gross revenue from advertising	—	—	5,791,107
Subscriptions and sales	—	—	1,838,765

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items	Unit of Measure	Quantity	Value
			\$
Periodicals, printed by publishers— <i>Concluded</i>			
Magazines and other bound periodicals—			
Gross revenue from advertising.....	—	—	11,722,472
Subscription and sales.....	—	—	5,053,074
Phenol.....	—	—	*
Phenothiazine.....	—	—	*
Phonograph supplies, including records.....	—	—	3,279,803
Phonographs, electrically operated.....	No.	26,726	744,931
Phosphorus.....	—	—	*
Phosphorus sesquisulphide.....	—	—	*
Photo-engraving.....	—	—	6,438,655
Photographic materials, not elsewhere specified (including photo paper).....	—	—	1,927,501
Photography (commercial).....	—	—	451,262
Phthalic anhydride.....	—	—	*
Pianos—			
Grand.....	—	—	*
Upright.....	No.	4,168	1,260,886
Other.....	—	—	*
Pianos in process of manufacture.....	No.	1,159	182,013
Piano strings and other parts.....	—	—	111,538
Pickets.....	M	11,076	409,772
Pickles, relishes and sauces (see also "Tomato catsup").....	—	—	8,871,498
Pictures, framed.....	—	—	387,305
Picture and mirror frames.....	—	—	519,042
Pies, cakes and pastry.....	—	—	57,489,422
Bakery goods (canned).....	—	—	346,504
Pies, meat.....	—	—	601,182
Piling, sheet.....	—	—	*
Pillow cases, bureau runners, scarves, etc.....	—	—	935,590
Pillows.....	—	—	924,514
Pins, plain and hair pins.....	—	—	1,065,057
Pipe and fittings, brass, bronze and copper.....	—	—	485,653
Pipe and fittings, cast iron, soil.....	ton	32,502	4,516,345
Pipe and fittings, cast iron, other.....	"	91,724	8,573,444
Pipe, lead.....	lb.	6,852,799	1,095,699
Pipe and fittings, malleable iron.....	ton	11,877	4,632,085
Pipe, sewer, clay.....	—	—	1,989,589
Pipe, sewer and culvert, cement.....	—	—	2,876,618
Pipe, culvert, n.e.s.....	—	—	2,669,045
Pipe, steel, rivetted, and welded.....	—	—	1,199,588
Pipe and fittings, steel, n.e.s.....	ton	111,987	14,623,932
Pipe and tubing, copper.....	lb.	12,374,351	3,946,575
Pipes, furnace and stove.....	—	—	1,821,025
Pipes, wooden.....	—	—	*
Pipes, other.....	—	—	*
Pipes, tobacco.....	doz.	24,944	222,122
Pipe mouth-pieces.....	—	—	*
Pipe (tobacco) cleaners.....	—	—	*
Piston rings, automobile.....	No.	26,765,251	2,984,479
Pistons, automobile, and piston ring expanders.....	—	—	1,012,593
Pitch.....	ton	75,463	1,890,229
Planers, metal-working.....	—	—	*
Planing, custom.....	M.ft. b.m.	688,675	3,801,100
Planters, corn.....	No.	2,618	192,594
Planters, potato.....	—	—	*
Plastics, moulded (see "Synthetics").....	—	—	*
Plate and tank work, steel, miscellaneous.....	—	—	7,503,913
Plates, sheets and strips, brass, copper, etc.....	lb.	39,297,636	11,133,598
Plates, brass, engraved.....	—	—	6,996
Plates, flats, iron and steel.....	—	—	11,566,700
Plates, metal, license, name, etc.....	—	—	1,142,167
Plates, paper.....	M	72,001	244,598
Plating and galvanized salts.....	lb.	511,786	66,137
Platinum, refined, and other platinum products.....	—	—	559,031
Play ground, track and field equipment.....	—	—	62,522
Ploughs and parts.....	—	—	4,552,612
Ploughs, snow.....	—	—	1,053,300
Plugs, wooden.....	—	—	223,705
Plumbers' supplies, not elsewhere specified (brass, copper, etc.).....	—	—	9,196,733
Plywood.....	M. sq. ft.	403,241	30,243,313
Poison, gopher and rat.....	—	—	155,965
Polish, furniture.....	—	—	303,535
Polish, metal.....	—	—	152,460

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items	Unit of Measure	Quantity	Value
			\$
Polish, shoe.....	—	—	790,166
Polish, stove.....	—	—	61,232
Polishes and waxes, floor.....	—	—	5,617,600
Polishes and dressings, automobile.....	—	—	147,719
Polishes and dressings, leather.....	—	—	23,364
Polishes and dressings, not specified.....	—	—	89,798
Polishers floor, electric and other.....	—	—	410,603
Polishing mitts and cloths.....	—	—	*
Popcorn.....	lb.	3,236,293	1,457,405
Polymer feed stocks.....	—	—	*
Post cards, printed.....	—	—	541,111
Posts, steel.....	ton	4,707	398,207
Posts, other.....	—	—	7,417
Post hole diggers.....	—	—	*
Potassium chlorate.....	—	—	*
Potato chips (factory made).....	lb.	2,394,778	1,019,866
Potato diggers.....	No.	373	57,997
Potato pickers.....	"	135	22,000
Pot holders.....	—	—	9,439
Pot scourers.....	—	—	272,835
Pottery, glazed and unglazed.....	—	—	853,440
Pottery from imported clay.....	—	—	*
Poultry, canned (see "Meats canned").....	—	—	*
Poultry, sold fresh.....	lb.	21,105,314	7,640,156
Powder, baking.....	"	12,367,531	2,231,687
Powder, buttermilk.....	"	4,650,039	415,740
Powder, cream.....	—	—	*
Powder, custard.....	lb.	1,040,508	263,610
Powder, egg.....	"	14,885,635	13,828,853
Powder, food drinks.....	"	4,245,529	1,884,845
Powder, ice cream.....	"	387,570	143,410
Powder, jelly.....	"	9,483,253	2,961,827
Powder, lactogen.....	—	—	*
Powder, whole milk.....	lb.	14,171,103	5,020,619
Powder, malted milk.....	—	—	250,700
Powder, skim milk.....	lb.	53,916,917	6,858,199
Powder, protein.....	—	—	*
Powder, pudding.....	lb.	10,311,873	2,562,870
Powders, edible, not specified.....	"	1,889,486	571,485
Powder, bronze and aluminium.....	"	5,023,891	1,744,257
Powder, sachet.....	—	—	84,481
Powder, talcum and face.....	—	—	2,171,873
Presses.....	—	—	676,549
Press cloths.....	—	—	25,293
Presses, tennis and badminton racquet.....	—	—	*
Presses, hydraulic, and other power.....	—	—	\$00,139
Pressure cookers.....	—	—	*
Printing—	—	—	—
Circular letters.....	—	—	856,284
General, for trade.....	—	—	561,483
Custom printing (paper supplied by customer).....	—	—	1,703,769
Private and personal.....	—	—	1,231,064
Blue prints and photostats.....	—	—	1,144,782
Periodicals printed for publishers.....	—	—	13,612,157
Other printed matter: menus, statements, bank notes, programmes, etc. (See also "Advertising matter").....	—	—	8,412,373
Printing and painting on textile fabrics.....	—	—	2,082,682
Propane.....	gal.	6,232,167	114,833
Propellers and shafts.....	—	—	*
Publications, subscriptions and sales (see "Printing" and "Periodicals").....	—	—	*
Puddings.....	—	—	183,546
Puffs, powder.....	gr.	54,809	284,685
Pulleys, wood and other.....	—	—	275,663
Pulpers and slicers.....	—	—	*
Pulp, fruit (see "Fruit pulp").....	—	—	*
Pulpstones, artificial.....	—	—	*
Pulpwood.....	cord	689,385	17,856,938
Pulp chips.....	units	92,713	841,678
Pulp, wood—	—	—	—
Ground wood—	—	—	—
Quantity made.....	s. ton	4,275,269	20,773,463
Quantity sold.....	"	347,522	

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items	Unit of Measure	Quantity	Value
			\$
Pulp, wood— <i>Concluded</i>			
Sulphate—			
Quantity made	s. ton	689,435	
Quantity sold	"	349,588	39,302,442
Sulphite, bleached—			
Quantity made	"	704,749	
Quantity sold	"	636,761	79,313,364
Sulphite, unbleached—			
Quantity made	"	1,322,783	
Quantity sold	"	563,032	55,033,290
Screenings—			
Quantity made	"	151,588	
Quantity sold	"	73,106	2,024,382
Other			
Quantity made	"	109,847	
Quantity sold	"	33,458	3,314,933
Pumps, centrifugal	—	—	3,293,686
Pumps, hand	No.	45,991	432,970
Pumps, steam	"	1,611	705,198
Pumps, other power	—	—	578,980
Pumps, pumping systems for country homes	—	—	1,909,762
Pumps, gasoline handling	—	—	5,311,427
Pumps, not specified, and pump parts	—	—	3,068,978
Punching machines	—	—	70,229
Purses, pocket-books and folders	—	—	1,313,963
Putty and fillers, n.e.s.	—	—	721,645
Pyjamas—	lb.	12,633,088	
Cotton and flannelette	doz.	292,352	5,542,828
Silk and artificial silk mixtures	"	19,504	703,511
Not specified	"	17,402	425,493
Pyrometers	—	—	*
Pyrotechnics and fireworks	—	—	*
Quilted goods	—	—	507,465
Racquets, tennis, badminton and squash	No.	74,162	292,653
Radar equipment (see Radio communication equipment)—			
Radiators, automobile	—	—	3,660,559
Radiator and boiler compounds	—	—	162,434
Radiators, heating, concealed type	sq. ft.	3,538,895	1,122,536
Radiators, heating, standing type	"	8,224,506	3,404,456
Radio communication equipment	—	—	5,563,548
Radio sets, tubes and accessories	—	—	45,100,326
Rail anchors	—	—	*
Rails, iron or steel—			
Quantity made	net ton	250,049	
Quantity sold	"	242,729	13,236,588
Rail frogs, switches and other track equipment	—	—	4,479,068
Railway car and coach fittings, bearings, etc.	—	—	2,124,600
Railway equipment, n.e.s.	—	—	687,296
Rakes, hand	No.	226,630	134,929
Razor blades	—	—	*
Razors, safety, electric and other, and parts	—	—	1,489,767
Recorders, time	—	—	*
Record players, electrically operated	No.	63,971	1,181,166
Rectifiers for storage battery charging, and parts	—	—	208,249
Reels, wire rope	—	—	*
Refractories—			
Cement, high temperature	lb.	5,188	383,701
Firebrick from domestic clay	—	—	525,451
Firebrick from imported clay	ton	22,475	980,213
Other	—	—	1,855,835
Refrigerators—			
Electric	No.	111,962	20,311,644
Electric, condensing units	—	—	3,268,352
Other	—	—	4,289,007
Refrigerator parts, not specified	—	—	278,207
Registers, cash	—	—	*
Registers and grills, air	—	—	586,457

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items	Unit of Measure	Quantity	Value
			\$
Regulators, not specified.....	—	—	*
Remedies, stock and poultry.....	—	—	1,517,291
Rennet extract.....	—	—	177,725
Repair gums and fabrics.....	lb.	396,562	370,676
Repair kits.....	No.	637,142	78,155
Repair patches, tire and tube.....	—	2,170,146	457,465
Resin film and resin film products.....	—	—	2,548,928
Ribbons.....	—	—	*
Rice, brewers'.....	—	—	*
Rice, cleaned, etc.....	—	—	*
Rifles.....	—	—	*
Rings, fruit jar, rubber.....	lb.	1,207,001	483,193
Rings, fruit jar, zinc.....	—	—	*
Robes, carriage and automobile.....	—	—	10,299
Rockwool.....	—	—	4,966,388
Rods and bars, bronze, and brass.....	lb.	22,639,038	5,520,480
Rods, copper wire.....	"	130,145,891	26,901,210
Rods, iron and steel, wire—			
Quantity made.....	ton	284,795	—
Quantity sold.....	"	108,512	5,310,661
Roll covering, rubber.....	lb.	27,340	45,431
Rollers, land and land packers.....	No.	4,040	213,912
Rollers, printers'.....	—	—	423,826
Rolls, rubber covered.....	No.	296,446	994,772
Rolls, bending and straightening (metal working).....	—	—	114,999
Roofing preparations, n.e.s.....	—	—	446,322
Rope—			
Manilla.....	lb.	6,717,452	2,280,402
Sisal.....	"	10,887,358	2,590,623
Jute and hemp.....	"	524,791	183,704
All other.....	—	—	151,850
Rubber, reclaimed, dispersions and other.....	—	—	*
Rubber and rubber goods, hard.....	lb.	468,368	403,410
Rubber coverings, linings, etc.....	"	293,164	485,001
Rubber goods, moulded.....	"	1,968,281	1,294,691
Rubber goods, plumbers'.....	—	—	612,566
Rubber goods, sanitary, not elsewhere specified.....	doz.	369,367	180,237
Rubber goods, soft and sponge.....	—	—	182,567
Rubber automotive and aeroplane parts.....	lb.	4,056,152	1,676,340
Rubber goods, not specified.....	—	—	1,898,534
Rubber thread.....	lb.	803,312	1,012,680
Rubber, synthetic.....	—	—	*
Rugs, automobile.....	No.	96,510	410,247
Rules, steel.....	—	—	*
Rules, wooden.....	—	—	181,428
Ruling (printing plants).....	—	—	453,651
Rust preventives and removers.....	—	—	115,356
Saddles.....	No.	2,124	106,093
Saddle parts.....	—	—	19,612
Safes, vaults and fittings.....	—	—	2,043,697
Sails.....	—	—	70,915
Salt.....	—	—	5,366,032
Salt, curing.....	lb.	1,789,636	235,896
Sanders, (wood-working).....	—	—	64,305
Sandwich relish and spread.....	lb.	3,850,257	1,445,078
Sanitary ware.....	—	—	7,551,133
Sash, doors and millwork.....	—	—	39,620,144
Sash, steel, brass, etc.....	—	—	2,280,468
Sauces, catsups and relishes (see "Tomato catsup and pickles, sauces, etc.")	—	—	—
Sauerkraut—			
Canned.....	lb.	5,636,282	355,545
Other.....	"	1,821,862	31,129
Sausage casings.....	—	—	3,295,631
Sausage, fresh or cured.....	lb.	69,635,437	19,277,092
Sawdust and waste, sold.....	—	—	1,173,471
Sawing, lumber, custom.....	—	—	115,616
Saws, all kinds.....	—	—	5,692,117
Saw parts and saw benches.....	—	—	2,329,608
Scales.....	No.	35,298	2,907,695
Scarves.....	—	—	3,500,208

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items	Unit of Measure	Quantity	Value
			\$
School supplies, not specified.....	—	—	60,034
Scientific equipment, not specified.....	—	—	571,538
Scissors and shears.....	—	—	*
Scrap, aluminum.....	—	—	*
Scrap, brass, bronze and copper.....	lb.	3,179,038	396,776
Scrap, iron and steel.....	ton	2,133	39,594
Screenings, barley, etc.....	—	42,526	1,436,686
Screens, door and window.....	—	—	82,143
Screen, industrial.....	—	—	424,367
Screws and screw machine products.....	—	—	6,591,349
Scufflers.....	No.	10,560	153,477
Seythes.....	—	—	*
Seals.....	—	—	178,557
Seasoning, dry and liquid.....	—	—	685,244
Seaweed, processed.....	—	—	*
Seed boxes for one-way discs, etc.....	No.	5,138	318,518
Shades, window, shade cloth, and fittings—			
Ordinary shades and blinds.....	—	—	1,782,296
Venetian blinds (factory made).....	—	—	3,772,666
Shade cloth, rollers, etc.....	—	—	717,064
Shanks, shoe.....	—	—	240,363
Shapers, wood-working.....	No.	919	60,298
Shapers, metal-working.....	—	75	260,693
Sharpeners, pencil.....	—	—	*
Sharpening stones and files.....	—	—	233,747
Shawls.....	doz.	5,859	99,818
Shearing machines, metal working.....	—	—	133,534
Sheet forms, commercial, etc., printed.....	—	—	23,079,402
Sheets and sheeting, cotton.....	—	—	4,390,063
Sheets, crib.....	—	—	29,422
Sheets, crib, rubber and rubberized.....	doz.	24,965	190,053
Sheeting and sheets, rubber.....	—	—	81,083
Sheet ironware, not elsewhere specified.....	—	—	*
Sheet metal building materials, not elsewhere specified.....	—	—	1,967,057
Sheet metal freight car roofs.....	—	—	*
Sheets, aluminum.....	—	—	*
Sheets, black incl. hot strip mill production.....	—	—	*
Sheets, corrugated only.....	—	—	2,046,502
Sheets, iron and steel.....	—	—	15,632,954
Sheets, tin mill, black plate, galvanized, etc.....	—	—	9,176,656
Shields, dress.....	—	—	140,475
Shims, railroad and other.....	—	—	129,757
Shingle bands.....	—	—	85,002
Shingles, wooden.....	—	—	24,527,043
Shingles, asbestos.....	—	—	*
Shipbuilding and repairs.....	—	—	125,566,751
Shirts, fine—			
Cotton.....	doz.	707,912	15,303,345
Silk and artificial silk.....	—	9,492	373,096
Shirts, dress.....	—	8,748	241,968
Shirts, work—			
Cotton.....	—	34,448	1,188,114
Wool.....	—	403,217	6,624,401
Shirts, not specified.....	—	50,258	841,951
Shirts, sport, men's, youths' and boys'.....	—	198,735	5,069,788
Shock absorbers, automobile.....	No.	674,679	1,774,386
Shoddy, mungo and wool extract.....	lb.	5,261,184	945,192
Shoe trimmings.....	—	—	90,088
Shoe uppers and tops.....	pr.	200,746	302,651
Shooks, box.....	M.ft. b.m.	155,577	14,852,145
Shortening—			
Containing animal fat and marine oil.....	lb.	95,744,344	20,182,715
Wholly vegetable.....	—	23,726,607	5,318,953
Shortening substitute.....	—	—	*
Shorts and middlings.....	ton	541,339	15,335,662
Shovels, hand.....	—	—	*
Shovels, power.....	—	—	*
Shuttlecocks, badminton.....	—	—	*
Signal systems (traffic, fire alarm, etc.).....	—	—	642,065
Signs, electric, gas, Neon and other luminous.....	—	—	1,971,352
Signs, metal, etc.....	—	—	2,208,992
Silicon carbide.....	ton	51,704	6,359,937
Silico manganese, silico spiegel, etc. (see "Ferro-alloys").....	—	—	—

NORE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items	Unit of Measure	Quantity	Value
			\$
Silk broad—			
All silk and mixtures containing silk.....	yd.	91,580	151,450
All continuous filament synthetic yarn.....	"	58,499,465	36,254,737
Spun rayon and mixtures.....	"	15,762,148	8,931,654
Continuous filament synthetic yarn mixtures.....	"	6,115,202	4,929,687
Woven artificial silk goods, n.e.s.....	"	2,472,549	2,254,539
Silk and artificial silk knitted goods, n.e.s.....	"	—	3,235,420
Silver alloys.....	—	—	205,446
Silver, fine.....	—	—	1,289,028
Silver, sterling, melted, rolled, etc.....	—	—	1,416,644
Size.....	—	—	1,229,365
Skates.....	pr.	545,407	923,489
Skis.....	"	163,830	558,542
Ski poles and fittings.....	—	—	591,209
Skins, calf.....	No.	553,366	2,244,431
Skins, sheep.....	"	1,062,653	1,688,448
Skins, pickled.....	doz.	69,407	769,914
Skins, raw and dressed.....	—	—	2,351,556
Skips and cages.....	—	—	*
Skirts—			
Cotton.....	No.	108,702	175,875
Artificial silk and mixtures.....	"	561,358	1,565,215
Woollen.....	"	921,645	2,877,052
Other.....	"	49,703	164,603
Slabs and edgings.....	cord	842,941	2,687,646
Sleeve protectors.....	—	—	*
Sleighs, horse drawn, etc.....	—	—	617,796
Sleighs, baby.....	No.	32,678	87,717
Sleighs, children's.....	"	131,384	218,816
Sleighs, dog.....	"	369	6,478
Slicers, meat and bread.....	—	—	*
Slippers, cloth, carpet, etc.—			
Babies.....	pr.	68,038	58,430
Boys' and youths.....	"	141,215	142,211
Misses' and children's.....	"	1,063,196	900,819
Men's.....	"	685,407	1,328,004
Women's and growing girls.....	"	2,355,370	2,797,371
Not specified.....	—	—	115,866
Sliver, roving, etc.....	lb.	230,470	113,903
Smelter and refinery products.....	—	—	453,033,942
Smocks, women's.....	doz.	25,804	622,554
Smoke breeching.....	—	—	51,104
Smoker sets.....	—	—	229,005
Smokestacks, steel.....	—	—	156,119
Snaths, scythe.....	—	—	*
Snowmobiles and parts.....	—	—	*
Snow removing equipment.....	—	—	698,895
Snow shoes.....	—	—	*
Soap—			
Household, laundry and chips.....	lb.	37,567,550	5,717,751
Liquid, not specified.....	—	—	731,603
Polishing or scouring.....	lb.	215,353	26,818
Powder.....	"	87,859,515	11,306,407
Soft.....	"	2,346,717	262,683
Textile and mill.....	"	3,342,270	466,253
Toilet, bars and liquid.....	"	41,769,725	9,696,674
Shaving, incl. shaving creams.....	"	—	1,486,970
Hard, all other.....	"	37,966,779	4,284,387
Soap, not specified.....	"	5,173,991	576,575
Soap stock.....	ton	63,464	25,953
Sodium azide.....	—	—	*
Sodium carbonate.....	—	—	3,834,411
Sodium carboxymethyl cellulose.....	—	—	*
Sodium chlorate.....	—	—	*
Sodium hydroxide.....	—	—	*
Sodium hypochlorite.....	—	—	*
Sodium metabisulphite.....	—	—	*
Sodium metasilicate.....	—	—	*
Sodium phosphate, disodium and tri-sodium.....	lb.	16,605,375	843,100
Sodium pyrophosphate.....	—	—	*
Sodium silicate.....	—	—	*
Sodium sulphate and sulphite.....	—	—	*
Sodium thiosulphite.....	—	—	*

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items	Unit of Measure	Quantity	Value
			\$
Solder.....	lb.	10,153,577	3,104,615
Soling, rubber—			
Rubber and composition soles.....	pr.	1,779,855	385,682
Rubber and composition half-soles.....	pr.	599,962	130,820
Soling and slabs for heels.....	lb.	1,156,388	342,766
Soles, not elsewhere specified.....	pr.	1,218,199	399,061
Soles, felt and other (insoles).....	—	—	611,623
Soup, canned.....	lb.	159,597,901	22,753,883
Soup dehydrated.....	—	—	*
Soup mixtures.....	lb.	3,736,844	2,102,804
Soya bean products, n.e.s.....	—	—	*
Spades and shovels.....	No.	981,970	936,906
Spark plugs.....	—	17,629,186	4,230,519
Speed reducer units.....	—	—	1,463,717
Spice compound.....	lb.	915,999	223,223
Spices, mixed, whole or ground.....	—	4,513,492	1,885,382
Spikes, railway.....	—	—	*
Spikes, ship and drift.....	—	—	66,127
Spinning and weaving, custom.....	—	—	1,905,164
Spinning wheels.....	No.	1,482	14,764
Spinnings, metal, etc.....	—	—	*
Spirits, produced during the year but placed in bond for maturing—			
Whiskey, rye type.....	pr. gal.	6,338,077	4,648,283
Whiskey, scotch type.....	—	1,480,604	964,775
Whiskey, other.....	—	5,740,494	4,126,188
Gin.....	—	822,882	1,054,323
Other beverage spirits.....	—	2,471,327	2,087,719
Spirits, beverages, net sales—			
Whiskey, scotch type.....	—	579,040	4,408,450
Whiskey, rye type.....	—	6,097,970	39,144,969
Whiskey, other types.....	—	144,571	229,833
Gin.....	—	981,331	4,659,090
Brandy and rum.....	—	139,225	1,151,291
Liqueurs, cordials and cocktails.....	—	47,065	516,477
Other beverage spirits.....	—	865,063	560,503
Spools, bobbins and shuttles.....	—	—	1,726,543
Sport gloves and mitts.....	—	—	287,822
Sporting goods, not specified.....	—	—	670,502
Sprayers, hand.....	No.	7,824	90,444
Sprayers, power.....	—	432	169,560
Sprayers, not specified.....	—	880	132,969
Spray guns, insecticide.....	—	—	*
Springs, automobile.....	—	—	3,674,875
Springs, bed and upholstering—			
Box.....	No.	42,943	1,061,868
Coil.....	—	3,952	20,667
Cable.....	—	152,704	999,825
Link.....	—	102,361	868,904
Slat.....	—	173,836	1,641,067
Bed and upholstering, not specified.....	—	—	4,336,325
Springs for cars and locomotives.....	—	—	1,189,875
Springs, other.....	—	—	2,354,381
Squares, hardwood.....	M.ft. b.m.	32,788	2,902,854
Stabilizers, ice cream, etc.....	lb.	39,138	50,081
Stains.....	imp. gal.	555,127	1,157,606
Stampings, metal, not specified.....	—	—	5,827,441
Stamps, rubber.....	—	—	537,702
Stamps, not specified.....	—	—	336,163
Stamps, postage, revenue, etc.....	—	—	751,756
Staples, wire.....	keg.	40,105	223,433
Starch, corn, edible.....	—	—	*
Starch, corn, laundry.....	—	—	*
Starch and flour, potato.....	ton	6,287	926,191
Starch, wheat.....	—	—	*
Starch, paper mill, etc.....	—	—	*
Starch, blended.....	—	—	*
Starches, n.e.s.....	—	—	*
Stationery goods, not specified.....	—	—	343,758
Statues and art goods.....	—	—	625,397
Staves, barrel.....	M	68,143	1,853,685
Steam traps, etc.....	—	—	331,607
Stearine.....	lb.	1,074,747	125,272

Note.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items	Unit of Measure	Quantity	Value
			\$
Steel shapes erected—			
Bridges.....	ton	8,101	1,956,164
Buildings.....	"	121,622	23,468,390
Transmission towers.....	"	14,368	3,156,606
Steel shapes, structural, unfabricated, etc.—			
Quantity made.....	"	180,226	
Quantity sold.....	"	175,386	10,995,147
Steel shapes, structural, plain material.....	—	—	7,895,886
Steel shapes, structural, fabricated.....	ton	6,200	1,169,337
Steel, miscellaneous.....	—	—	7,353,691
Steel wool.....	—	—	*
Stellite.....	—	—	*
Stencils, paper (office machine).....	—	—	*
Stencils.....	—	—	49,942
Stockinette (See "Knitted fabric").....	—	—	
Stocking dryers.....	—	—	31,087
Stokers, mechanical.....	—	—	1,416,109
Stoker parts.....	—	—	666,614
Stone, artificial.....	—	—	522,752
Store fixtures, n.s.....	—	—	345,509
Stoves:—			
Coal and wood.....	No.	266,992	10,107,152
Electric and combination coal and electric.....	"	116,944	9,384,609
Gas and combination coal and gas.....	—	—	5,677,005
Gasoline and oil.....	No.	104,555	2,644,865
Plates, stove, stove parts, etc.....	—	—	2,113,234
Straps, leather.....	doz.	332,145	501,096
Straws, drinking.....	M	547,236	293,898
Streptomycin.....	—	—	*
Strings, racquet.....	—	—	*
Styrene.....	—	—	*
Sugar butter.....	lb.	2,730,070	503,532
Sugar, granulated—			
Beet.....	"	150,492,000	65,368,978
Cane.....	"	761,263,196	
Sugar, brown or yellow.....	"	118,124,797	7,602,154
Sugar, grape.....	—	—	*
Sugar, invert.....	lb.	4,471,908	321,342
Sugar, loaf.....	"	13,879,645	1,217,795
Sugar, maple (factory made).....	—	—	*
Sugar of milk.....	lb.	507,197	79,099
Sugar, pulverized or icing.....	"	41,122,080	3,265,362
Suits—			
Men's and boys'.....			
Boys', woollen.....	No.	350,905	3,365,645
Men's and youths'.....	"	1,726,469	46,029,457
Other, men's and boys'.....	"	53,832	552,183
Sport, men's, youths' and boys'.....	"	37,206	397,519
Women's and misses'—			
Cotton.....	"	10,476	42,767
Silk and artificial silk.....	"	11,320	173,322
Woollen.....	"	636,243	12,756,528
Other, not specified.....	"	35,925	976,541
Children's, all kinds.....	"	1,042,004	1,166,067
Knitted, women's and children's.....	"	8,760	191,704
Sulphur dioxide, liquid.....	—	—	*
Sulphur monochloride.....	—	—	*
Superheaters.....	—	—	1,088,094
Superphosphate.....	—	—	*
Surfactors wood-working.....	—	—	*
Surgical and orthopaedic appliances, and surgical dressings—			
Surgical bandages and dressings.....	—	—	*
Surgical belts.....	doz.	8,120	805,051
Surgical stockings, elastic.....	"	6,734	119,552
Orthopaedic corsets.....	pr.	715	7,090
Artificial limbs.....	No.	1,377	186,521
Foot eazers, arch supports, knee caps, etc.....	—	—	314,911
Trusses.....	No.	53,954	201,125
Other surgical supports.....	—	—	532,042
Surgical instruments and orthopaedic appliances, not specified.....	—	—	552,988
Suspenders, supporters, and garters.....	—	—	2,232,953
Swathers.....	No.	6,560	2,309,871
Sweaters, jackets, etc.....	doz.	945,029	20,738,248

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items	Unit of Measure	Quantity	Value
			\$
Sweeping compounds.....	—	—	252,550
Switch gear and protective equipment (except telephone switch-boards).....	—	—	9,764,263
Switches, enclosed safety type.....	—	—	2,199,618
Synthetic and plastic products, n.e.s.....	—	—	13,445,721
Syringes, fountain, and attachments.....	doz.	35,806	129,157
Syrup, corn.....	—	—	2,129,122
Syrup and fruit juices, fountain.....	—	—	96,562
Syrup, maple (factory made).....	gal.	51,199	698,531
Syrups, table.....	—	—	4,369,815
Syrups from cane, (not incl. molasses).....	ton	7,750	—
Syrups for soft drinks (for sale).....	imp. gal.	2,453,020	—
Table cloths and napkins.....	—	—	581,057
Table cloths, plastic.....	—	—	149,485
Tableware, plastic.....	—	—	508,120
Tableware, pottery.....	—	—	*
Tacks, cut wire.....	—	—	911,266
Tags and labels, shipping.....	—	—	12,687,525
Tags and tickets, printed.....	—	—	2,168,383
Tags, not specified.....	—	—	19,648
Tailors' supplies, n.e.s.....	—	—	3,777,863
Tallow.....	—	—	7,697,733
Tankage, animal, wet (See also, "Cracklings").....	lb.	15,179,107	266,038
Tanks, steel, storage, black, galvanized, etc.....	—	—	7,381,991
Tanks, pressure, n.e.s.....	—	—	644,355
Tanks, steel, pneumatic.....	—	—	529,924
Tanks, steel, septic.....	—	—	229,045
Tanks, other, not specified.....	—	—	2,647,479
Tanners' bate.....	—	—	*
Tape, rubber and friction.....	lb.	2,117,078	1,133,763
Tape, paper, gummed.....	"	15,940,652	2,522,902
Tape, telegraph.....	—	—	*
Tapes, fabric.....	—	—	1,238,140
Tapes, measuring, steel, etc.....	—	—	*
Tapestries and other upholstering materials.....	yds.	3,142,758	4,591,100
Tapioca.....	—	—	*
Tar, coal and crude.....	imp. gal.	32,575,317	2,548,138
Tar, refined.....	—	3,557,346	406,100
Tar from petroleum refineries.....	—	—	*
Targets, clay.....	—	—	*
Tea, blended, etc.....	lb.	48,004,063	38,635,685
Telephone material.....	—	—	22,156,591
Tenoners and mortisers, wood-working.....	No.	95	45,089
Tents.....	—	—	789,619
Thermit.....	—	—	*
Thermometers, all kinds.....	—	—	*
Thickeners, mining and metallurgical.....	—	—	*
Thinners, pyroxylin.....	gal.	1,256,204	1,517,011
Thread, cotton.....	—	—	6,995,854
Thread, artificial silk, linen, etc. (See also "Yarn and Thread").....	—	—	252,450
Threading machines.....	No.	1,329	51,004
Threshers and reaper-threshers, combined.....	"	15,543	19,414,802
Ties, wooden.....	"	7,061,288	10,421,267
Tile, asphalt and other, n.s.....	—	—	2,382,368
Tile, drain (from domestic clay).....	M	19,725	843,855
Tile, floor (from domestic clay).....	—	—	56,845
Tile, floor and wall (from imported clay).....	—	—	*
Tile, roofing, and hollow blocks.....	—	—	2,460,329
Tiling, rubber.....	lb.	173,936	79,542
Tin alloys.....	"	15,559	9,167
Tin.....	"	99,555	67,013
Tinned plate and scrap.....	ton	9,199	86,471
Tinsel garlands and ribbons.....	—	—	235,966
Tinware, japanned or not.....	—	—	585,558
Tire braids, auto.....	—	—	*
Tire fabrics.....	lb.	24,836,912	15,526,741
Tires and tubes—	—	—	—
Balloon, casings.....	No.	4,812,898	91,789,002
High pressure, casings.....	"	33,853	277,262
High pressure and balloon inner tubes.....	"	4,359,083	10,570,461
Bicycle tubes and tires.....	"	1,699,902	1,396,806
Aeroplane tires.....	"	418	31,274

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items	Unit of Measure	Quantity	Value
			\$
Tires and tubes— <i>Concluded</i>			
Aeroplane tubes.....	No.	610	5,693
Motorcycle tires.....	"	23,296	179,359
Tires, implement and tractor.....	"	489,676	8,350,895
Tires, rubber, not specified.....	"	—	503,305
Tires, rebuilt.....	"	—	*
Tires, railway car.....	"	—	*
Tissues, cleansing.....	"	—	*
Toasters, electric.....	"	—	1,225,525
Tobacco—			
Chewing, cut and twist.....	lb.	197,456	312,419
Chewing, plug.....	"	2,184,789	3,291,720
Smoking, leaf.....	"	163,771	117,550
Smoking, cut.....	"	24,899,583	42,318,048
Smoking, plug.....	"	340,685	532,383
Snuff.....	"	977,700	2,074,361
Stems and cuttings.....	"	—	7,213
Tobacco, raw leaf, processed.....	lb.	120,092,223	54,514,489
Tobacco curing equipment.....	—	—	*
Tobacco pouches.....	—	—	58,174
Tobogans.....	—	—	172,166
Toilet preparations, not elsewhere specified—			
Bath salts and bath oils.....	—	—	357,807
Brilliantine, solid.....	—	—	17,280
Compacts and lipsticks.....	—	—	1,062,482
Creams, solid or liquid, all kinds.....	—	—	2,225,054
Shampoos and hair rinses.....	—	—	1,506,199
Bay rum, hair tonics, brilliantine, liquid.....	—	—	1,374,181
Toilet water and lotions.....	—	—	3,504,029
All other.....	—	—	3,706,832
Toilets, chemical.....	—	—	*
Toiletware, plastic.....	—	—	209,484
Toiletware, silver.....	—	—	442,197
Toluene.....	—	—	*
Tomato, catsup, canned.....	lb.	4,374,856	461,436
Tomato catsup, other.....	"	24,385,270	5,091,648
Tomato juice.....	"	91,702,698	5,852,570
Tomato paste and puree.....	"	17,819,504	1,892,428
Tomato pulp.....	"	4,871,550	269,179
Tools, carpenters' and mechanics', other than files.....	—	—	3,628,095
Tools, machine, n.e.s.....	—	—	2,193,136
Tools, small, cutting.....	—	—	2,021,843
Tools, not elsewhere specified.....	—	—	4,820,469
Toothpicks.....	—	—	*
Toppings, for ice cream and cake.....	—	—	696,547
Tow, green.....	lb.	11,859,175	749,752
Towels and towelling—			
Towelling.....	yd.	3,812,264	867,046
Bath mats and sets.....	doz.	25,185	230,586
Towels, all kinds.....	"	1,456,325	4,885,219
Face cloths.....	"	718,922	755,922
Towels, sanitary, all kinds.....	—	—	5,505,357
Towels, paper.....	cases*	426,871	1,405,700
Toys—			
Metal.....	—	—	784,529
Wooden.....	—	—	712,025
Toy vehicles including doll carriages.....	—	—	810,999
Miscellaneous, not specified, including model aeroplanes.....	—	—	3,536,104
Tractors.....	—	—	7,340,799
Trade work, n.e.s. (printing plant).....	—	—	1,432,315
Transfers, paper, decalcomania.....	—	—	1,187,436
Transfers, paper, dry.....	—	—	110,606
Transformers.....	—	—	20,438,847
Transformer parts.....	—	—	569,163
Transmission towers, electric (see "Steel shapes")			
Traps and fittings, lead.....	lb.	1,498,075	430,869
Traps, mouse and rat.....	—	—	*
Traps, other.....	—	—	*
Travs, display and other.....	—	—	40,328
Trichlorethylene, refined.....	—	—	*
Trimmings, not specified.....	—	—	828,950
Trophies.....	—	—	169,632
Trucks, factory, and other hand trucks.....	—	—	1,369,989

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items	Unit of Measure	Quantity	Value
			\$
Trucks and bodies, farm.....	—	—	168,848
Trunks, all kinds.....	No.	144,971	1,046,659
Tubes, collapsible.....	—	—	1,342,795
Tubes, vacuum, X-ray tubes.....	—	—	*
Tubing, brass, bronze, and aluminum.....	—	—	2,542,788
Tubing, Neon.....	—	—	*
Tubing, rubber.....	lb.	302,197	163,988
Tubing, steel.....	—	—	8,258,066
Tubing and wristing, knitted.....	lb.	362,999	426,068
Tubs, laundry, cement.....	No.	10,796	117,490
Turbines and water wheels.....	—	—	1,986,945
Turpentine.....	—	—	*
Twine and cordage—			
Binder twine, all sisal and chiefly sisal.....	lb.	65,279,450	8,758,981
Other twine, all hemp and all flax.....	"	228,738	157,148
Other twine, all jute.....	"	4,626,395	1,625,685
Other twine, all sisal.....	"	5,076,972	1,193,434
Other twine and cordage, not specified.....	—	—	3,981,522
Type and type metal.....	lb.	7,761,868	1,376,819
Typesetting (trade composition).....	—	—	2,901,495
Typewriter ribbons.....	doz.	229,927	816,317
Typewriters.....	No.	74,286	5,546,448
Typewriter supplies, n.e.s.....	—	—	40,393
Umbrellas.....	doz.	33,878	1,212,229
Undertakers' supplies, not specified.....	—	—	267,727
Underwear—			
Cotton and cotton mixtures, separate, knitted—			
Fleece—Men's.....	doz.	76,002	782,336
Women's.....	"	48,416	335,848
Children's.....	"	76,693	447,305
Summer ribs—Men's.....	"	323,414	1,868,037
Women's.....	"	86,763	412,173
Children's.....	"	119,848	420,988
Winter ribs—Men's.....	"	107,634	1,200,598
Women's.....	"	188,149	1,035,361
Children's.....	"	232,811	904,022
Balbriggans—Men's.....	"	49,527	324,242
Women's.....	"	79,856	392,129
Children's.....	"	61,357	164,196
Cotton and cotton mixtures, combination, knitted—			
Fleece—Men's.....	"	60,637	1,144,731
Women's.....	"	37	1,320
Children's.....	"	29,691	359,641
Summer ribs—Men's.....	"	50,646	447,384
Women's.....	"	1,711	22,798
Children's.....	"	6,982	49,270
Winter ribs—Men's.....	"	86,429	1,873,084
Women's.....	"	1,734	24,397
Children's.....	"	47,111	484,661
Balbriggans—Men's.....	"	61,858	681,676
Women's.....	"	24	850
Children's.....	"	16,534	99,795
Silk, artificial silk and mixtures, knitted—			
Combination—Men's.....	"	5,780	56,150
Women's.....	"	72	468
Separate, Men's.....	"	9,895	104,475
Women's.....	"	377,098	2,241,591
Children's.....	"	12,699	54,833
All wool, combination, knitted—			
Men's.....	"	73,977	2,126,805
Women's and children's.....	"	10,940	136,771
Wool mixtures, combination, knitted—			
Men's.....	"	48,372	1,559,018
Women's and children's.....	"	8,008	143,964
All wool, separate, knitted—			
Men's.....	"	35,121	790,918
Women's.....	"	8,531	101,578
Children's.....	"	1,633	27,811
Wool mixture, separate, knitted—			
Men's.....	"	22,839	377,415
Women's.....	"	70,397	927,474
Children's.....	"	45,146	406,208

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items	Unit of Measure	Quantity	Value \$
Underwear— <i>Concluded</i>			
Knitted, not specified—			
Men's and youths'	doz.	3, 479	38, 683
Women's and misses'	"	494, 287	2, 363, 813
Children's	"	230, 214	854, 675
Shorts, woven and flat	"	139, 484	1, 097, 433
Woven, not specified—			
Women's and misses'	"	178, 117	1, 500, 355
Children's	"	74, 358	250, 561
Not specified	"	19, 307	152, 803
Underslips—			
Artificial silk	"	308, 023	4, 926, 643
Artificial silk and mixtures	"	106, 425	1, 808, 569
Cotton	"	45, 680	420, 023
Not specified	"	119, 994	1, 936, 656
Uniforms, woollen	No.	104, 876	2, 258, 942
Cotton, nurses', maids, etc.	—	—	1, 268, 038
Upholstering materials, (See tapestries)			
Valves, brass and bronze	—	—	4, 723, 072
Valves, iron	—	—	2, 336, 127
Valves, steel	—	—	1, 192, 802
Valves, tire	—	—	*
Valves, not specified	—	—	394, 935
Varnishes	—	—	7, 705, 677
Vaults, burial, cement and other ..	—	—	151, 510
Vegetables, canned—			
Asparagus	lb.	4, 228, 940	982, 005
Beans, baked	"	90, 904, 428	8, 551, 866
Beans, green or wax	"	40, 132, 736	3, 516, 480
Beans, lima	"	4, 659, 747	483, 207
Beets	"	2, 857, 299	257, 691
Carrots	"	1, 151, 582	60, 989
Carrots and peas	"	5, 321, 452	542, 726
Corn, cream of, whole grain, etc.	"	41, 101, 118	4, 598, 995
Mushrooms	"	469, 756	177, 059
Peas	"	87, 657, 871	8, 572, 401
Pumpkin	"	7, 991, 956	458, 163
Spinach	"	1, 142, 410	105, 484
Tomatoes	"	61, 009, 329	5, 851, 779
Vegetables, mixed	"	7, 807, 425	659, 965
Vegetables, other	"	3, 291, 074	340, 772
Vegetables, evaporated and dehydrated ..	"	303, 567	159, 517
Vegetables, in brine	"	2, 657, 204	174, 091
Vegetables, frozen or cold pack	"	6, 521, 706	1, 087, 347
Vegetable juices, canned	—	—	*
Vegetable peelers and slicers	—	—	*
Vehicles, children's	—	—	3, 106, 613
Vehicles, farm	—	—	559, 184
Veils and veiling	—	—	259, 106
Velvets	—	—	*
Veneer	—	—	7, 620, 380
Veneer logs	M.ft. b.m.	21, 533	1, 091, 479
Veneers on lumber cores	—	—	*
Ventilators	—	—	1, 447, 066
Vests, woollen	No.	34, 099	243, 204
Vests, other	"	4, 151	21, 115
Vinegar—			
Spirit	imp. gal.	5, 456, 064	2, 545, 087
Cider	"	539, 887	240, 084
Malt	"	614, 422	335, 939
Waffle irons	No.	27, 204	147, 372
Wagons (see "Carriages and wagons") ..			
Wall board, gypsum	sq. ft.	213, 701, 430	6, 210, 912
Wall plaster, gypsum	—	—	1, 738, 283
Wall plaster, other	—	—	524, 247
Wardrobes, wall board	—	—	509, 732
Washboards	No.	180, 900	73, 012
Washers, leather	doz.	1, 394, 371	103, 591
Washers and gaskets, iron, steel, etc.	—	—	816, 432

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items	Unit of Measure	Quantity	Value
			\$
Washing compounds.....	—	—	573,451
Waste, cotton, wool and jute.....	—	—	4,985,206
Waste, wood.....	ton	103,930	373,694
Waste, other, not specified.....	—	—	395,408
Watches, watch cases, etc.....	—	—	1,944,093
Water, distilled.....	imp. gal.	159,774	30,962
Water, aerated.....	"	69,413,261	48,115,917
Water, mineral, natural.....	"	602,729	94,526
Waterproofing of fabrics.....	—	—	267,565
Waterproofing preparations.....	—	—	*
Wax and wax compounds, all kinds.....	—	—	4,814,106
Wax, sealing.....	—	—	*
Weatherstrip.....	—	—	276,946
Weaving, custom.....	—	—	1,070,322
Webbing, elastic and non-elastic.....	—	—	2,543,794
Weeders.....	No.	2,992	258,193
Weed killer.....	—	—	1,052,238
Welding apparatus with control equipment and accessories.....	—	—	2,328,684
Welding compounds and fluxes.....	—	—	40,192
Welding rods and welding wires.....	—	—	1,274,560
Wetling.....	yd.	13,073,817	1,030,125
Wheat germ.....	—	—	*
Wheelbarrows and parts.....	—	—	519,606
Wheels, automobile.....	—	—	*
Wheels, railway car.....	—	—	4,669,396
Wheels, not specified.....	—	—	181,251
Whey.....	—	—	3,529
Whips.....	No.	46,178	27,293
Whiskies (See "Spirits").....	—	—	*
Whisks.....	doz.	53,294	175,412
White, satin.....	—	—	*
Windmills.....	—	—	*
Wine, sold during the year.....	gal.	4,976,060	10,712,855
Wine, produced and placed in storage for maturing.....	"	6,088,004	4,296,189
Wine, not specified.....	—	—	*
Wine, spirits.....	—	—	*
Wiping cloths and rags, washed and sterilized.....	lb.	11,285,683	2,424,607
Wiping cloths and rags, other.....	—	—	627,485
Wire, barbed—	—	—	—
Quantity made.....	ton	10,585	—
Quantity sold.....	"	10,382	1,106,127
Wire, cold rolled, flat, all sizes—	—	—	—
Quantity made.....	"	1,703	—
Quantity sold.....	"	1,048	192,309
Wire, galvanized—	—	—	—
Quantity made.....	"	65,205	—
Quantity sold.....	"	26,631	3,017,452
Wire, plain—	—	—	—
Quantity made.....	"	238,301	—
Quantity sold.....	"	56,482	5,417,045
Wire, iron and steel, other, coated—	—	—	—
Quantity made.....	"	4,723	—
Quantity sold.....	"	2,873	343,236
Wire, strand, twisted—	—	—	—
Quantity made.....	"	2,186	—
Quantity sold.....	"	2,160	480,464
Wire and cables, electrical.....	—	—	78,126,740
Wire rope and cable, not specified.....	—	—	8,699,785
Wire, brass and copper.....	—	—	5,649
Wire, gold filled and alloys.....	—	—	968,526
Wire cloth, brass and bronze.....	sq. ft.	4,259,511	3,237,953
Wire cloth, iron and steel, including screen cloth.....	—	—	2,465,124
Wire cloth, monel metal.....	—	—	*
Wire mesh, steel, woven, welded, etc.....	ton	8,649	1,233,867
Wire goods, not specified.....	—	—	3,327,652
Wiring devices, not elsewhere specified.....	—	—	9,994,230
Wooden products, not specified.....	—	—	2,530,911
Wood flour.....	ton	794	17,838
Woodenware, kitchen.....	—	—	93,047
Woodenware, not specified.....	—	—	453,213
Wood preservation.....	—	—	*
Wood preservatives.....	—	—	303,919
Wood turning, not specified.....	—	—	711,407

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1947—Con.

Items	Unit of Measure	Quantity	Value
			\$
Woodwork, sanitary and other.....	—	—	428,949
Wool, raw and unmanufactured.....	lb.	12,635,517	5,525,036
Woollen cloth, woven—			
All wool, woollen.....	yd.	16,956,615	32,021,541
All wool, worsted.....	"	5,696,485	16,107,195
Woollen and worsted, mixed.....	"	1,114,719	2,421,266
Cotton warp, worsted.....	"	52,124	114,342
Cotton warp, woollen.....	"	1,241,356	1,075,050
Other woollen and mixtures.....	"	2,757,414	4,359,013
Woven goods, not specified.....	—	—	756,155
Wrappers, waxed (see "Paper, waxed")	—	—	—
Wrappers, paper, other than waxed.....	—	—	1,294,002
Wrappers, printed.....	—	—	2,991,291
Wringers, clothes.....	No.	106,847	830,463
Xylenols, high boiling.....	—	—	*
Yarns, spun for sale—			
Cotton—			
Grey, knitting.....	lb.	17,377,042	10,722,724
Grey, weaving, singles.....	"	8,075,695	4,727,724
Grey, weaving, plied.....	"	8,820,200	5,602,419
Bleached, knitting.....	"	246,445	203,178
Bleached, other.....	"	187,404	140,167
Coloured, knitting.....	"	3,047,039	2,452,948
Coloured, other.....	"	1,828,621	1,266,677
Other.....	"	1,793,453	1,317,772
Cotton and wool mixed—			
Grey.....	"	470,994	438,204
Other.....	"	1,448,495	807,003
Silk and mixtures.....	"	135,654	89,093
Artificial silk or nylon singles.....	"	16,952,277	16,451,635
Artificial silk, thrown.....	"	3,098,645	3,111,420
Nylon, thrown.....	"	1,030,137	3,482,861
Spun rayon and mixtures.....	"	4,355,691	3,029,275
Woollen—			
Hand knitting.....	"	936,172	1,556,920
Machine knitting.....	"	4,546,038	3,122,853
Weaving.....	"	2,097,035	1,445,905
Carpet.....	"	1,018,220	616,027
Worsteds, oil spun—			
Hand knitting.....	"	3,677,426	7,785,815
Machine knitting.....	"	6,197,190	10,296,539
Weaving.....	"	727,170	1,163,856
Carpet.....	"	232,861	248,818
Worsteds, dry spun—			
Knitting.....	—	—	1,803,990
Worsteds, not specified.....	lb.	651,397	1,274,374
Yarns, not specified.....	"	760,972	689,384
Yeast, dry.....	"	2,535,160	1,214,683
Yeast, fresh (for sale).....	"	20,218,461	3,900,390
Yeast, made for own use in breweries.....	"	2,501,011	—
Yeast food, bread improver, etc.....	"	5,330,873	571,788
Yoghourt.....	gal.	226	506
Zinc, refined, zinc alloys, etc.....	lb.	7,623,389	1,008,149
Zinc chloride.....	—	—	*
Zinc naphthenate.....	—	—	*
Zinc oxide and zinc dust.....	—	—	*
Zinc white, ground in oil.....	—	—	*
Zinc products, not specified.....	—	—	113,789
Manufactured food products, packaged only.....	lb.	12,504,325	2,246,050
Amount received by clothing contractors.....	—	—	10,051,542
Inter-company transfers.....	—	—	4,462,132

NOTE —The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1947—Contc.

Items	Unit of Measure	Quantity	Value
			\$
All other products not specified—			
Vegetable products group.....	—	—	2,391,190
Animal products group.....	—	—	4,760,616
Textile products group.....	—	—	2,683,702
Wood and paper products group.....	—	—	5,190,734
Iron and steel products group.....	—	—	86,748,165
Non-ferrous metal products group.....	—	—	18,207,830
Non-metallic mineral products group.....	—	—	9,948,074
Chemicals and chemical products group.....	—	—	9,071,741
Miscellaneous products group.....	—	—	2,840,781
Custom work and repairs—			
Vegetable products group.....	—	—	679,293
Animal products group.....	—	—	1,385,453
Textile products group.....	—	—	5,870,939
Wood and paper products group.....	—	—	6,855,559
Iron and steel products group.....	—	—	111,653,447
Non-ferrous metal products group.....	—	—	3,865,141
Non-metallic mineral products group.....	—	—	286,582
Miscellaneous products group.....	—	—	8,275,308
Products which were reported by only one or two firms and for which figures cannot be shown separately.....	—	—	384,000,054
Total value of products listed.....	—	—	10,389,250,528
Adjustments due to valuation of intermediate products, excise taxes, etc.....	—	—	308,223,948
Total.....			10,681,026,580

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

† Footnote for page 136: Does not include fabrics dyed or bleached by firms maintaining a dyeing and finishing department of their own.

CANADA

LIST OF PUBLICATIONS, CENSUS OF MANUFACTURES; 1947.

- (1) General—General Report on the Manufacturing Industries of Canada with appendix giving Alphabetical List of Products, Geographical Distribution of the Manufacturing Industries of Canada; also Reports for the Provinces and Leading Cities; Quantity of Manufacturing Production in Canada, 1923-29. Weekly Earnings of Male and Female Wage-Earners in the Manufacturing Industries of Canada. Monthly Report on Inventories.
- (2) Manufactures of Vegetable Products—Biennial General Report on Manufactures of Vegetable Products. Annual Bulletins as follows: (*a*) Coffee, Tea, Spices and Miscellaneous Foods; (*b*) Fruit and Vegetable Preparations, including Canning, Evaporating and Preserving, and Pickles, Sauces, Vinegar and Cider; (*c*) Flour and Feed Mill Products; (*d*) Bread and other Bakery Products; (*e*) Biscuits; (*f*) Confectionery, including Cocoa and Chocolate; (*g*) Macaroni, Vermicelli, etc.; (*h*) Distilled Liquors; (*i*) Breweries; (*j*) Wine; (*k*) Rubber Goods, including Rubber Boots and Shoes; (*l*) Prepared Breakfast Foods; (*m*) Sugar Refineries; (*n*) Tobacco Products; (*o*) Vegetable Oil Mills; (*p*) Canned Foods; (*q*) Ice Cream; (*r*) Pack of Fruits and Vegetables, preliminary by completed packs; (*s*) Aerated Waters; (*t*) Stock and Poultry Feeds. Quarterly Reports: (*a*) Stocks of Unmanufactured Tobacco; (*b*) Stocks of Canned Fruits and Vegetables; (*c*) Processed Foods. Monthly Reports: (*a*) Production, Consumption and Inventories of Rubber; (*b*) Production of Rubber Footwear; (*c*) Shipments and Stocks of Prepared Stock and Poultry Feeds.
- (3) Animal Products and their Manufacture—Annual Reports and Bulletins as follows: (*a*) The Dairy Factory Industry; (*b*) Processed Cheese; (*c*) Fish Processing (contained in annual Fisheries Statistics); (*d*) Slaughtering and Meat Packing and Sausage and Sausage Casings; (*e*) Leather Tanneries; (*f*) Leather Belting, Boot and Shoe Findings and Miscellaneous Leather Goods; (*g*) Leather Boots and Shoes; (*h*) Leather Gloves and Mittens; (*i*) Fur Goods, Fur Dressing. Monthly Bulletin on Leather Footwear Production.
- (4) Textiles and Allied Industries—Biennial General Report on the Textile Industries of Canada. Annual Bulletins as follows: (*a*) Cotton Textiles (cloth, yarn, thread and waste); (*b*) Woollen Textiles (cloth, yarn, waste, carpets and woollen goods, n.e.s.); (*c*) Silk and Artificial Silk; (*d*) Men's Factory Clothing incl. Men's Furnishings; (*e*) Women's Factory Clothing; (*f*) Hats and Caps; (*g*) Hosiery and Knitted Goods; (*h*) Oiled and Waterproofed Clothing; (*i*) Cordage, Rope and Twine; (*j*) Corsets; (*k*) Cotton and Jute Bags; (*l*) Dyeing and Finishing of Textiles; (*m*) Awnings, Tents and Sails. Quarterly Report on the Production of Clothing.
- (5) Manufactures of Forestry Products—Annual Reports: (*a*) Lumber; (*b*) Pulp and Paper; (*c*) Wood-Using Industries; (*d*) Planing Mills and Sash and Door Factories; (*e*) Hardwood Flooring; (*f*) Furniture; (*g*) Veneers and Plywoods; (*h*) Printing Trades (comprising the following industries, Printing

- and Publishing; Printing and Bookbinding; Lithographing; Engraving, Stereotyping and Electrotyping; Trade Composition and Blue Printing); (*i*) Paper Boxes and Bags; (*j*) Roofing Paper. Stencilled annual bulletins: (*a*) Lumber (series of 10 provincial summaries); (*b*) Boxes and Baskets; (*c*) Carriages, Sleighs and Vehicle Supplies; (*d*) Cooperage; (*e*) Coffins and Caskets; (*f*) Boatbuilding; (*g*) Lasts, Trees and Wooden Shoe Findings; (*h*) Wood-turning; (*i*) Woodenware; (*j*) Excelsior; (*k*) Beekeepers' and Poultrymen's Supplies (*l*) Wooden Refrigerators; (*m*) Miscellaneous Wood-Using Industries; (*n*) Miscellaneous Paper Goods. Monthly Reports; (*a*) Production, Shipments and Stocks on Hand of Sawmills East of the Rockies; (*b*) Production, Shipments and Stocks on Hand of Sawmills in British Columbia. Monthly Bulletins: (*a*) Asphalt Roofing Production and Sales; (*b*) Rigid Insulating Board Production and Sales; (*c*) Asphalt Floor Tiles Production and Sales.
- (6) Iron and Steel and their Products—Biennial Report. Annual Bulletins as follows: Preliminary Summary on the Iron and Steel Industry. (*a*) Primary Iron and Steel; (*b*) Iron Castings; (*c*) Heating and Cooking Apparatus (except boilers and radiators); (*d*) Boilers, Tanks and Plate Work; (*e*) Farm Implements and Machinery; (*f*) Machinery; (*g*) Automobiles; (*h*) Automobile Parts; (*i*) Bicycles; (*j*) Railway Rolling Stock; (*k*) Wire and Wire Goods; (*l*) Sheet Metal Products; (*m*) Hardware, Tools and Cutlery; (*n*) Bridge Building and Structural Steel Work; (*o*) Shipbuilding and Ship Repairs; (*p*) Aircraft, (*q*) Miscellaneous Iron and Steel Products. Commodity Bulletins on Washing Machines; Cream Separators; Warm Air Furnaces; Stoves, etc. Monthly Bulletins: (*a*) Pig Iron, Steel Ingots and Castings; (*b*) Steel Ingots; (*c*) Motor Vehicle Shipments; (*d*) Domestic Washing Machines; (*e*) Wire Nails; (*f*) Steel Wire; (*g*) Wire Fencing; (*h*) Primary Iron and Steel.
- (7) Manufactures of Non-Ferrous Metals— Biennial Report. Annual Bulletins as follows: Preliminary Summary on Manufactures of Non-Ferrous Metals. (*a*) Aluminium Products; (*b*) Brass and Copper Products; (*c*) White Metal Alloys; (*d*) Jewellery and Silverware; (*e*) Electrical Apparatus and Supplies; (*f*) Non-Ferrous Metal Smelting and Refining; (*g*) Miscellaneous Non-Ferrous Metal Goods. Monthly Reports on: (*a*) Sales of Radio Sets; (*b*) Sales of Storage Batteries; (*c*) Domestic Electric Refrigerators; (*d*) Dealers' Report on Non-Ferrous Scrap Metal; (*e*) Ingot Makers' Monthly Report. Commodity Bulletins on the Production of Vacuum Cleaners; Specified Electrical Appliances and Domestic Electric Refrigerators.
- (8) Manufactures of the Non-metallic Minerals— Biennial Report. Annual Bulletins as follows: Preliminary Summary on Manufactures of Non-Metallic Minerals: (*a*) Asbestos Products; (*b*) Cement; (*c*) Cement Products; (*d*) Coke and Gas; (*e*) Glass Products; (*f*) Lime; (*g*) Petroleum Products; (*h*) Clay Products; (*i*) Salt; (*j*) Sand-lime Brick; (*k*) Stone; (*l*) Artificial Abrasives; (*m*) Gypsum and Gypsum Products; (*n*) Miscellaneous Non-Metallic Mineral Products, including Carbon Electrodes—Mica Products—Non-Metallic Minerals, n.e.s. Also Special Reports on: (*a*) The Consumption of Coke in Canada (*b*) Consumption of Petroleum Fuels in Canada; (*c*) Sales of Lubricating Oils in Canada. Monthly bulletins on: (*a*) Coal and Coke Statistics; (*b*) Sales of Manufactured and Natural Gas; (*c*) Rock Wool Sales; (*d*) Gypsum Products; (*e*) Concrete Blocks and Concrete Pipe; (*f*) Refined Petroleum Products.

- (9) Chemicals and Allied Products—Biennial Report. Annual Bulletins as follows: Preliminary Summary on Chemicals and Allied Products: (*a*) Coal Tar Distillation; (*b*) Acids, Alkalies and Salts; (*c*) Compressed Gases; (*d*) Fertilizers; (*e*) Medicinal and Pharmaceutical Preparations; (*f*) Paints and Varnishes; (*g*) Soaps, Cleaning Preparations and Washing Compounds; (*h*) Toilet Preparations; (*i*) Inks; (*j*) Adhesives; (*k*) Polishes and Dressings; (*l*) Primary Plastics; (*m*) Miscellaneous Chemical Products, including Boiler Compounds; Insecticides; Sweeping Compounds; Hardwood Distillation; Disinfectants; Matches; Dyes and Colours; Explosives, ammunition and fireworks; Chemical Products, n.e.s. Special Reports on the Fertilizer Trade in Canada. Monthly Report on Sales of Paints, Varnishes and Lacquers. Commodity Bulletins on Sulphuric Acid, Ammonium Sulphate, etc. Special Report—Directory of Chemical Industries in Canada. Special Report on the Consumption of Chemicals in Municipal Waterworks. Special Report on Sales of Pest Control Products.
- (10) Miscellaneous Manufactures—General Report. Annual Bulletins as follows: (*a*) Brooms, Brushes and Mops; (*b*) Musical Instruments (including pianos, organs and phonographs) and Musical Instrument Materials and Parts; (*c*) Buttons; (*d*) Bed Springs and Mattresses; (*e*) Sporting Goods.

Doc 31-201

Government
Publications

GENERAL REVIEW OF
The

MANUFACTURING INDUSTRIES OF CANADA, 1948



DOMINION BUREAU OF STATISTICS
DEPARTMENT OF TRADE AND COMMERCE, OTTAWA,
CANADA

CANADA
DOMINION BUREAU OF STATISTICS
INDUSTRY AND MERCHANDISING DIVISION
GENERAL MANUFACTURES SECTION

The Manufacturing Industries of Canada, 1948

Published by Authority of the Rt. Hon. C. D. Howe,
Minister of Trade and Commerce

*Reprinted from the
Canada Year Book—
Supplementary
Tables included.*

Price 75 cents

TABLE OF CONTENTS

	PAGE
Part I.—General Analyses of Manufacturing.....	5
Section 1. Growth of Manufacturing.....	7
1. Summary of Statistics of Manufactures, 1917-48.....	7
2. Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-48.....	8
3. Summary Statistics of Manufactures, by Industrial Groups, Significant Years, 1917-48....	10
4. Significant Statistics of Manufactures for certain Years, 1917-48.....	12
5. Consumption of Manufactured Products, 1928-48 and by Industrial Groups, 1948.....	14
Section 2. Value and Volume of Manufactured Products.....	14
6. Indexes of the Volume of Manufacturing Production, According to Component Material and Purpose Classifications, 1923-46.....	16
7. Indexes of the Volume of Manufacturing Production for Individual Industries of the Purpose Classification Groups, Significant Years, 1923-46.....	17
Section 3. Production by Industrial Groups and Individual Industries.....	17
Subsection 1. Manufactures Grouped by Chief Component Materials.....	17
8. Percentage Variation in Employment, Salaries and Wages, and Gross Value of Products in the Main Industrial Groups, Compared for Significant Years, 1933-48.....	18
9. Establishments, Employees, Salaries and Wages, Power, Fuel, Materials, and Values of Products of Manufacturing Industries, 1948.....	20
Subsection 2. Manufactures Classified on the Standard Classification Basis.....	26
10. Principal Statistics of the Manufacturing Industries, Classified on the Standard Classification Basis 1945-48.....	26
11. Principal Statistics of Individual Manufacturing Industries, Classified on the Standard Classification Basis, 1948.....	27
Subsection 3. Manufactures Classified by Principal Purpose of the Products.....	31
12. Principal Statistics of the Manufacturing Industries, Classified According to Purpose of Principal Product, by Main Groups, Significant Years, 1922-48 and in Detail for 1948	32
13. Quantities and Values of the Principal Commodities Produced by the Manufacturing Industries, Grouped by Purpose, 1948.....	34
Subsection 4. Manufactures Classified by Origin of the Materials.....	36
14. Principal Statistics of the Manufacturing Industries, Classified According to the Origin of the Materials Used, by Main Groups, Significant Years, 1924-48.....	37
Subsection 5. Manufactures Classified by Type of Ownership.....	39
15. Percentage Distribution of Establishments in the Manufacturing Industries, Classified by Type of Ownership, by Provinces and Industrial Groups, 1948.....	41
16. Percentage Distribution of Employment in the Manufacturing Industries, Classified by Type of Ownership, by Provinces and Industrial Groups, 1948.....	41
17. Percentage Distribution of Employment in the Forty Leading Industries, by Type of Ownership, 1948.....	42
18. Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Type of Ownership, 1948.....	42
19. Principal Statistics of the Manufacturing Industries Classified by Industrial Groups, and by Type of Ownership, 1948.....	44
Subsection 6. Leading Manufacturing Industries.....	45
20. Principal Statistics of the Forty Leading Industries of Canada, Ranked According to the Gross Value of the Products, 1947.....	46
21. Principal Statistics of the Forty Leading Industries of Canada, Ranked According to the Gross Value of the Products, 1948.....	47
Section 4. Principal Factors in Manufacturing Production.....	48
Subsection 1. Capital Employed.....	48
22. Capital, Repair and Maintenance Expenditures by the Manufacturing Industries, by Provinces and Industrial Groups, 1948, with Totals for 1944-47.....	49
23. Capital, Repair and Maintenance Expenditures by the Manufacturing Industries, by Industrial Groups, 1944-48.....	50
Subsection 2. Employment in Manufactures.....	52
24. Wage-Earners Employed in the Manufacturing Industries, by Months and Sex, Significant Years, 1922-48.....	52
25. Wage-Earners Employed in the Manufacturing Industries, by Months, Sex and Provinces, 1947 and 1948.....	53
26. Wage-Earners Employed in the Manufacturing Industries, by Months, Sex and Industrial Groups, 1947 and 1948.....	55
27. Wage-Earners in Manufacturing Working Specified Numbers of Hours per Week in the Month of Highest Employment, 1938-45.....	57
28. Wage-Earners in Manufacturing Working Specified Numbers of Hours During the Last Week in November, 1946-48.....	58

TABLE OF CONTENTS—concluded

	PAGE
Part I.—General Analyses of Manufacturing —concluded	
Subsection 3. Salaries and Wages in Manufacturing Industries.....	59
29. Salaries and Wages Paid in Manufacturing Industries, by Provinces and Industrial Groups, 1948, with Totals for Significant Years 1917-47.....	60
30. Salaries and Wages in the Forty Leading Industries, 1948, with Comparative Figures of Average Salaries and Wages Paid in 1947.....	61
31. Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners Employed in the Manufacturing Industries, 1934-48.....	63
32. Average Annual, Weekly and Hourly Earnings of All Wage-Earners in the Manufacturing Industries, by Provinces, 1938-48.....	64
33. Average Annual, Weekly and Hourly Earnings of All Wage-Earners in the Manufacturing Industries, by Industrial Groups, 1938-48.....	66
34. Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners in the Manufacturing Industries, by Provinces, 1938-48.....	67
35. Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners in the Manufacturing Industries, by Industrial Groups, 1938-48.....	69
36. Average Yearly Earnings, and Index Numbers of Earnings, Cost of Living and Real Wages of Wage-Earners, in Manufacturing Industries, 1931-48.....	71
37. Percentages of Salaries and Wages Paid to the Total Net Values of Manufacturing Production, 1924-48.....	72
Subsection 4. Size of Manufacturing Establishment.....	72
38. Manufacturing Establishments Classified According to Gross Values of Products, 1929, 1939, 1944 and 1948.....	73
39. Manufacturing Establishments Classified by Number of Employees, by Provinces, 1948.....	74
40. Manufacturing Establishments Classified by the Number of Employees per Establishment, 1929, 1939, 1944 and 1948.....	74
41. Percentage Importance of Establishments, Each Employing 200 or more Persons, in the Twenty-five Leading Industries, 1948.....	74
42. Principal Statistics of the Twenty-five Leading Industries, Grouped According to Number of Employees per Establishment, 1948.....	76
Subsection 5. Power and Fuel.....	81
43. Power Equipment Installed in the Manufacturing Industries, 1931-47, with Details by Provinces and Industrial Groups, 1948.....	82
44. Fuel and Electricity Used in the Manufacturing Industries, 1932-47, with Details by Provinces and Industrial Groups, 1948.....	84
Part II.—Provincial and Local Distribution of Manufacturing Production	86
1. Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1948.....	86
2. Concentration of Manufacturing Production in Each Province, 1948.....	89
3. Principal Statistics of the Manufacturing Industries of Canada and Each Province, Classified by the Number of Employees per Establishment, 1948.....	89
Section 1. The Manufactures of the Maritime Provinces, 1948.....	91
4. Statistics of the Leading Industries of the Maritime Provinces, 1948.....	91
Section 2. The Manufactures of Quebec, 1948.....	92
5. Statistics of the Leading Industries of the Province of Quebec, 1948.....	93
Section 3. The Manufactures of Ontario, 1948.....	94
6. Statistics of the Leading Industries of the Province of Ontario, 1948.....	94
Section 4. The Manufactures of the Prairie Provinces, 1948.....	95
7. Statistics of the Leading Industries of the Prairie Provinces, 1948.....	96
Section 5. The Manufactures of British Columbia, 1948.....	97
8. Statistics of the Leading Industries of the Province of British Columbia, 1948.....	98
Section 6. Manufacturing Industries in Urban Centres.....	98
9. Cities and Towns with a Gross Manufacturing Production of over \$1,000,000 each, Number of Establishments and Total Gross Production in such Cities and Towns as a Percentage of the Grand Total, by Provinces, 1948.....	99
10. Principal Statistics of the Manufacturing Industries of the Six Leading Manufacturing Cities of Canada, 1933-48.....	99
11. Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, Grouped according to the number of Employees per Establishment, 1948.....	100
12. Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1948.....	102
13. Principal Statistics of the Manufacturing Industries of Canada by Counties and Census Divisions, 1948.....	106
Appendix I—	
Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1948.....	111
Appendix II—	
Alphabetical List of Products Manufactured in Canada, 1948.....	128
List of Publications on the Census of Manufactures.....	171

THE MANUFACTURING INDUSTRIES OF CANADA

1948

In this report the manufacturing industries of Canada are dealt with in two Parts. Part I gives general analyses including the historical development of manufacturing; detailed treatment of current production under various groupings and by individual industries; and principal factors in manufacturing production such as capital, employment, salaries and wages, size of establishment, and power and fuel. Part II deals with the provincial and local distribution of manufacturing production.

With regard to historical development, it is impossible to give absolutely comparable statistics over a long period of years. From 1870 to 1915 statistics were collected only in connection with decennial or quinquennial censuses, and there was inevitably some variation in the information collected. The annual Census of Manufactures was instituted in 1917 and, while numerous changes have been made since then in the information collected and the treatment of the data, an effort has been made to carry all major revisions, in so far as possible, back to 1917, so that the figures for the period since then are on a reasonably comparable basis.

Canada ranks among the important manufacturing countries of the world, and holds a dominant position in the export of many manufactured products. The forward movement in development has been the result of three great influences: first, the opening of the west at the beginning of the present century which greatly increased the demand for manufactured goods of all kinds, especially construction materials; secondly, World War I which left a permanent imprint upon the variety and efficiency of Canadian manufacturing plants; and thirdly, World War II with its insatiable demands for food and manufactured products of all kinds. The situation created during World War II as a result of Canada's strategic position as a source of food and armaments had far-reaching effects on the magnitude and diversification of Canadian manufacturing production, and Canada, with greatly increased skills and plant capacity, has now entered a new era in manufacturing development.

In 1948 manufacturing industries established a new record in gross value of production with a total of \$11,876,790,012. This represents an increase of \$1,795,763,432 or 17·8 p.c. over the previous year, and \$2,803,097,493 or 31 p.c. over the wartime high attained in 1944. In terms of the actual physical output, however, the record is not so impressive. The increase of 17·8 p.c. in the gross value of production is accounted for in large part by an increase in the wholesale prices of partly and fully manufactured products; only about 3 p.c. represents an advance in physical volume of production.

Manufacturing establishments in 1948 numbered 33,447. They furnished employment to 1,156,006 persons who received \$2,409,809,791 in salaries and wages and produced goods with a selling value at the factory of \$11,876,790,012 from materials costing \$6,632,881,628. The value added by manufacture amounted to \$4,940,369,190.

From the point of view of employment, which more closely reflects changes in the physical volume of production than any other factor, the non-metallic mineral products group with an increase of 4.4 p.c. reported the greatest increase. The non-ferrous metal products group came second with an increase of 4.0 p.c., followed by textiles and textile products with 3.6 p.c., wood and paper products 3.4 p.c., chemicals and allied products 2.7 p.c., iron and its products 2.4 p.c., and animal products 0.7 p.c. The vegetable products and miscellaneous industries groups reported declines of 2.4 p.c. and 3.0 p.c., respectively.

* Of the total increase in employment of 24,256 in 1948, the forty leading industries accounted for 23,389. Twenty-nine industries reported an increase of 33,052 and eleven reported a decline of 9,663. The agricultural implements industry with an increase of 3,098 recorded the greatest gain. This was followed by railway rolling-stock with an increase of 2,845, women's factory clothing 2,447, primary iron and steel 2,434, non-ferrous smelting and refining 2,252, pulp and paper 1,978, planing mills 1,920, synthetic fibres and silk 1,369, printing and publishing 1,338, sawmills, 1,331, men's factory clothing 1,275, iron castings 1,187, electrical apparatus and supplies 1,137, hosiery and knitted goods 1,123, furniture 1,112, butter and cheese 1,067, etc. Of the eleven industries reporting declines in employment the following were the most severely affected: shipbuilding and repairs reported a loss of 2,720, rubber goods 1,772, flour and feed mills 1,161, automobile supplies 1,099, breweries 971, and miscellaneous foods 565. Declines in the other five industries were only moderate.

Percentage changes in manufacturing production of each province from 1944 (the wartime high) to 1948 and from 1947 to 1948 were as follows:—

Province	1948 Compared with 1944			1948 Compared with 1947		
	Number of Employees	Salaries and Wages	Gross Value of Products	Number of Employees	Salaries and Wages	Gross Value of Products
Prince Edward Island.....	- 1.5	+22.4	+65.3	- 7.7	+ 7.0	+35.0
Nova Scotia.....	-19.7	-12.3	+20.4	+ 0.2	+14.0	+20.5
New Brunswick.....	+ 5.0	+35.8	+54.2	+ 0.6	+11.0	+12.6
Quebec.....	- 9.5	+13.2	+22.9	+ 1.2	+14.1	+19.3
Ontario.....	- 2.3	+24.2	+32.3	+ 2.6	+16.6	+17.1
Manitoba.....	- 0.9	+26.4	+31.2	+ 3.0	+15.0	+20.6
Saskatchewan.....	-11.4	+18.8	+26.2	+ 6.6	+ 7.0	+12.7
Alberta.....	+15.8	+49.7	+44.7	+ 7.3	+20.6	+23.7
British Columbia.....	- 9.8	+ 8.6	+50.3	+ 4.2	+16.0	+14.8
TOTALS.....	- 5.5	+18.7	+30.9	+ 2.1	+15.5	+17.8

PART I.—GENERAL ANALYSES OF MANUFACTURING

Section 1.—Growth of Manufacturing

Tables 1 to 3 give a picture of the growth of manufacturing, in general, as shown by comparable principal statistics, i.e., establishments, capital, employees, salaries and wages paid, cost of materials and values of products. A number of interesting comparisons are made in Table 4 and figures of consumption are given in Table 5.

1.—Summary Statistics of Manufactures, 1917-48

NOTE.—Statistics of manufacturing from 1870 have been published, but between that year and 1917 they are not on a comparable basis to the series given below. They will be found in Table 1 in the 1942 edition of this report. Statistics of the non-ferrous metal smelting industries were included in manufactures for the first time in 1925.

Year	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
1917.....	21,845	2,333,991,229	606,523	497,801,844	1,539,678,811	1,281,131,980	2,820,810,791
1918.....	21,777	2,518,197,329	602,179	567,991,171	1,827,631,548	1,399,794,849	3,227,426,397
1919.....	22,083	2,670,559,435	594,066	601,715,668	1,779,056,765	1,442,400,638	3,221,457,403
1920.....	22,532	2,923,667,011	598,893	717,493,876	2,085,271,649	1,621,273,348	3,706,544,997
1921.....	20,848	2,697,858,073	438,555	497,399,761	1,365,292,885	1,123,694,263	2,488,987,148
1922.....	21,016	2,667,493,290	456,256	489,397,230	1,272,651,585	1,103,266,106	2,375,197,691
1923.....	21,080	2,788,051,630	506,203	549,529,631	1,456,595,367	1,206,332,107	2,662,927,474
1924.....	20,709	2,895,317,508	487,610	534,467,675	1,422,573,946	1,075,458,459	2,570,561,931
1925 ²	20,981	3,065,730,916	522,924	569,944,442	1,571,788,252	1,167,936,726	2,816,864,958
1926 ²	21,301	3,208,071,197	559,161	625,682,242	1,712,519,991	1,305,168,549	3,100,604,637
1927 ²	21,501	3,454,825,529	595,052	662,705,332	1,741,128,711	1,427,649,292	3,257,214,876
1928 ²	21,973	3,804,062,566	631,429	721,471,634	1,894,027,188	1,597,887,676	3,582,345,302
1929 ²	22,216	4,004,892,009	666,531	777,291,217	2,029,670,813	1,755,386,937	3,883,446,116
1930 ²	22,618	4,041,030,475	614,696	697,555,378	1,664,787,763	1,522,737,125	3,280,236,603
1931.....	23,083	3,705,701,893	528,640	587,566,990	1,221,911,982	1,252,017,248	2,555,126,448
1932.....	23,102	3,380,475,509	468,833	473,601,716	954,381,097	955,960,724	1,980,471,543
1933.....	23,780	3,279,259,838	468,658	436,247,824	967,788,928	919,671,181	1,954,075,785
1934.....	24,209	3,249,348,864	519,812	503,851,055	1,229,513,621	1,087,301,742	2,393,692,729
1935.....	24,034	3,216,403,127	556,664	559,467,777	1,419,146,217	1,153,485,104	2,653,911,209
1936.....	24,202	3,271,263,531	594,359	612,071,434	1,624,213,996	1,289,592,672	3,002,403,814
1937.....	24,834	3,465,227,831	660,451	721,727,037	2,006,926,787	1,508,924,867	3,625,459,500
1938.....	25,200	3,485,683,018	642,016	705,668,589	1,807,478,028	1,428,286,778	3,337,681,366
1939.....	24,805	3,647,024,449	658,114	737,811,153	1,836,159,375	1,531,051,901	3,474,783,528
1940.....	25,513	4,095,716,836	762,244	920,872,865	2,449,721,903	1,942,471,238	4,529,173,314
1941.....	26,293	4,905,503,966	961,178	1,264,862,643	3,296,547,019	2,605,119,788	6,076,308,126
1942.....	27,862	5,488,785,545	1,152,091	1,682,804,842	4,037,102,725	3,309,973,758	7,553,794,972
1943.....	27,652	6,317,166,727	1,241,068	1,987,292,384	4,690,493,083	3,816,413,541	8,732,860,999
1944.....	28,483	³	1,222,882	2,029,621,370	4,832,333,356	4,015,776,010	9,073,692,519
1945.....	29,050	³	1,119,372	1,845,773,449	4,473,668,847	3,564,315,899	8,250,368,866
1946.....	31,249	³	1,058,156	1,740,687,254	4,358,234,766	3,467,004,980	8,035,692,471
1947.....	32,734	³	1,131,750	2,085,925,966	5,534,280,019	4,292,055,802	10,081,026,580
1948.....	33,447	³	1,156,006	2,409,809,791	6,632,881,628	4,940,369,190	11,876,790,012

¹ For 1924 and subsequent years the net value of production is computed by subtracting the cost of fuel and electricity and the cost of materials from the gross value. Figures prior to 1924 are not comparable because statistics for cost of electricity are not available. ² A change in the method of computing the number of wage-earners in the years 1925 to 1930, inclusive, increased the number somewhat over that which the method otherwise used would have given. In 1931, however, the method in force prior to 1925 was re-adopted. ³ Not collected.

2.—Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-48

Province and Year	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
Prince Edward Island—							
1917.....	411	2,008,082	1,556	663,251	3,087,621	1,750,135	4,837,756
1920.....	370	2,328,686	1,287	855,210	4,164,223	2,135,857	6,300,080
1929 ²	263	2,646,354	2,074	727,286	2,862,725	1,466,446	4,408,608
1933.....	249	2,256,307	991	529,684	1,590,834	1,126,826	2,775,787
1937.....	240	2,637,472	1,062	607,547	2,386,091	1,117,298	3,566,991
1939.....	222	2,682,900	1,088	617,945	2,239,117	1,243,979	3,543,681
1942.....	243	3,367,368	1,261	842,061	4,789,315	1,973,540	6,855,344
1943.....	230	3,881,832	1,552	1,298,112	6,432,079	3,021,848	9,577,446
1944.....	241	3	1,786	1,694,763	6,993,510	3,570,835	10,713,644
1945.....	234	3	1,851	1,679,212	8,242,949	3,178,434	11,592,753
1946.....	246	3	1,755	1,651,469	7,582,046	3,469,435	11,200,310
1947.....	260	3	1,906	1,938,467	8,610,332	3,849,353	12,653,451
1948.....	254	3	1,759	2,073,985	12,634,785	4,217,680	17,074,084
Nova Scotia—							
1917.....	1,337	124,357,851	25,252	18,838,051	102,415,215	57,565,703	159,980,918
1920.....	1,345	135,679,188	23,425	25,625,089	85,724,785	61,371,243	147,096,028
1929 ²	1,094	118,951,398	19,986	16,905,885	50,725,562	35,676,421	89,787,548
1933.....	1,277	92,004,624	12,211	9,604,680	25,354,319	19,988,257	47,912,432
1937.....	1,135	94,756,601	18,088	16,727,338	46,964,053	33,146,796	84,393,656
1939.....	1,083	101,954,082	17,627	16,651,685	43,332,195	35,885,563	83,139,572
1942.....	1,332	152,668,789	31,318	41,273,942	85,193,680	63,615,890	155,931,264
1943.....	1,278	179,363,703	37,445	55,205,712	96,551,817	84,909,686	188,463,688
1944.....	1,281	3	37,812	59,940,411	103,463,123	93,376,638	204,421,064
1945.....	1,297	3	33,423	51,703,245	107,860,539	84,358,189	199,775,177
1946.....	1,397	3	29,724	43,060,259	100,354,480	71,738,873	178,793,420
1947.....	1,480	3	30,285	46,113,036	111,354,221	84,935,517	204,219,433
1948.....	1,440	3	30,348	52,553,200	140,761,593	95,774,483	246,111,683
New Brunswick—							
1917.....	943	60,300,907	19,710	12,893,014	32,380,621	27,027,725	59,408,346
1920.....	901	101,216,395	19,007	19,266,821	60,812,641	45,803,164	106,615,805
1929 ²	803	91,376,948	17,952	15,127,716	39,800,366	26,640,786	68,145,012
1933.....	747	90,148,317	11,336	9,308,100	20,442,421	18,166,713	41,345,622
1937.....	805	89,797,597	15,612	14,563,310	36,983,284	28,770,727	69,479,207
1939.....	803	91,171,323	14,501	13,659,162	35,617,614	27,041,195	66,058,151
1942.....	867	105,056,835	22,182	26,546,806	64,891,227	53,920,484	123,839,475
1943.....	862	111,287,910	23,225	30,451,181	76,711,513	58,956,676	140,934,876
1944.....	937	3	23,164	32,345,080	83,993,599	62,258,478	152,106,577
1945.....	889	3	22,503	32,408,048	87,235,347	63,380,075	156,623,378
1946.....	993	3	22,732	33,151,919	96,389,299	67,783,377	170,753,741
1947.....	1,061	3	24,181	39,583,393	116,491,443	83,487,154	208,366,438
1948.....	1,067	3	24,325	43,918,687	134,410,529	91,404,180	234,579,684
Quebec—							
1917.....	7,032	662,012,975	188,043	141,008,616	385,212,984	380,882,409	766,095,393
1920.....	7,530	878,859,638	183,748	202,516,550	553,558,520	499,643,217	1,053,201,737
1929 ²	6,948	1,246,208,650	206,580	225,226,808	537,270,055	537,796,395	1,108,592,775
1933.....	7,856	1,035,339,591	157,481	134,696,386	292,560,568	288,504,782	604,496,078
1937.....	8,518	1,117,727,721	219,033	216,971,207	562,889,160	445,885,666	1,046,470,796
1939.....	8,373	1,122,538,441	220,321	223,757,767	536,823,039	470,385,279	1,045,757,585
1942.....	9,342	1,833,353,668	399,017	536,329,170	1,193,445,432	1,059,873,943	2,333,303,012
1943.....	9,372	2,230,620,386	437,247	658,323,620	1,483,627,797	1,280,097,615	2,852,191,853
1944.....	9,656	3	424,115	668,156,053	1,494,253,053	1,350,519,134	2,929,685,183
1945.....	10,038	3	384,031	607,473,443	1,307,534,193	1,149,390,919	2,531,903,880
1946.....	10,818	3	357,276	565,986,105	1,297,009,099	1,125,991,843	2,497,971,521
1947.....	11,223	3	379,449	662,837,614	1,601,055,849	1,324,397,690	3,017,049,422
1948.....	11,122	3	383,966	756,216,134	1,954,111,943	1,534,214,660	3,599,306,033
Ontario—							
1917.....	9,061	1,157,850,643	299,389	258,393,065	794,556,502	662,174,261	1,456,730,763
1920.....	9,113	1,464,097,346	295,674	362,941,317	1,071,843,374	792,267,562	1,864,110,936
1929 ²	9,348	1,986,736,556	328,533	406,622,627	1,056,530,202	916,971,816	2,020,492,433
1933.....	9,542	1,587,947,947	224,816	220,530,088	464,544,563	465,103,842	958,776,858
1937.....	9,796	1,674,806,201	321,743	373,018,048	1,025,871,741	804,703,114	1,880,388,108
1939.....	9,824	1,762,571,669	318,871	378,376,209	907,011,461	791,428,569	1,745,674,787
1942.....	10,711	2,632,519,471	542,958	840,783,705	2,056,746,983	1,671,130,314	3,817,396,404
1943.....	10,587	2,994,953,988	570,017	956,399,212	2,278,871,511	1,844,651,587	4,221,101,063
1944.....	10,731	3	564,392	975,038,060	2,310,347,858	1,930,043,913	4,339,797,784
1945.....	10,869	3	518,056	882,483,387	2,148,290,603	1,720,938,199	3,965,069,021
1946.....	11,424	3	498,120	845,216,547	2,001,900,592	1,659,284,622	3,754,523,701
1947.....	11,860	3	537,581	1,037,976,714	2,651,697,573	2,136,014,184	4,903,472,526
1948.....	12,127	3	551,658	1,210,640,212	3,118,084,345	2,486,867,987	5,743,140,851

¹ See footnote 1, Table 1.² See footnote 2, Table 1.³ Not collected.

2.—Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-48

—concluded

Province and Year	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
Manitoba—							
1917.....	732	82,566,858	18,939	16,513,423	69,715,149	42,280,801	111,995,950
1920.....	747	94,424,145	23,728	32,372,081	92,729,271	62,776,912	155,506,183
1929 ²	861	121,363,898	24,012	31,224,596	87,832,324	63,925,015	155,266,294
1933.....	1,010	100,074,404	18,871	18,687,430	44,579,998	37,390,275	83,934,777
1937.....	1,043	119,363,026	23,706	27,198,978	87,634,514	49,950,465	140,805,451
1939.....	1,087	119,659,365	23,910	28,444,798	82,408,293	48,810,544	134,293,595
1942.....	1,287	175,902,477	37,519	51,605,139	159,248,309	94,856,679	259,554,350
1943.....	1,245	173,752,507	37,003	53,841,825	200,464,756	99,146,670	304,867,912
1944.....	1,290	4	40,937	62,758,081	226,234,925	120,339,926	352,334,594
1945.....	1,302	4	38,367	59,814,109	216,114,576	117,775,126	339,821,283
1946.....	1,357	4	38,367	61,018,345	223,096,935	122,780,805	351,887,099
1947.....	1,413	4	39,378	68,972,653	236,936,343	139,373,521	383,130,291
1948.....	1,400	4	40,557	79,303,876	296,606,269	157,646,732	462,201,180
Saskatchewan—							
1917.....	560	24,372,585	6,230	5,403,332	22,040,674	13,894,179	35,934,853
1920.....	554	24,640,520	6,709	9,571,175	34,894,105	22,610,861	57,504,966
1929 ²	594	43,925,797	7,025	9,105,597	51,003,566	23,002,952	75,368,605
1933.....	673	38,688,433	4,782	4,848,763	19,124,030	11,478,634	31,559,387
1937.....	689	39,279,080	6,107	6,758,154	43,782,999	17,068,655	62,205,884
1939.....	737	37,654,095	6,475	7,346,127	38,782,135	20,283,273	60,650,589
1942.....	966	45,013,677	9,801	12,543,065	84,208,201	33,933,836	120,256,733
1943.....	976	60,674,093	11,683	16,445,866	111,193,185	37,895,459	152,123,360
1944.....	1,054	4	12,361	17,703,103	131,215,017	40,833,333	175,349,234
1945.....	926	4	11,617	16,905,606	126,279,202	38,275,127	167,688,133
1946.....	955	4	11,957	17,956,317	126,595,761	38,459,630	168,356,619
1947.....	1,001	4	11,723	19,661,970	151,449,021	41,480,520	196,452,199
1948.....	926	4	10,950	21,038,911	172,423,275	45,053,786	221,363,603
Alberta—							
1917.....	636	49,146,241	9,461	8,662,417	42,632,212	23,883,673	66,515,885
1920.....	666	48,310,655	10,955	15,210,623	56,139,646	29,812,891	85,952,537
1929 ²	736	81,875,952	12,216	14,585,734	62,500,175	36,824,969	100,966,196
1933.....	874	69,604,563	9,753	9,573,468	29,425,975	18,876,929	49,395,514
1937.....	895	70,804,070	12,524	13,903,062	55,898,599	25,923,995	86,225,069
1939.....	961	73,284,225	12,712	14,977,700	53,151,149	32,618,153	87,474,080
1942.....	1,115	101,401,133	18,397	23,992,613	117,617,500	57,479,536	178,103,011
1943.....	1,133	111,682,419	20,613	29,494,369	142,057,051	65,796,813	211,159,142
1944.....	1,165	4	22,186	33,227,729	172,082,537	77,415,753	252,949,894
1945.....	1,157	4	21,486	32,760,326	166,198,136	78,547,626	248,287,504
1946.....	1,315	4	22,649	34,939,088	169,425,176	83,735,011	257,031,867
1947.....	1,382	4	23,941	41,246,171	202,324,036	89,289,825	296,054,129
1948.....	1,568	4	25,692	49,737,761	253,754,967	107,134,881	366,090,082
British Columbia—							
1917 ³	1,133	171,375,087	37,943	35,426,675	87,637,833	71,673,094	159,310,927
1920 ³	1,306	174,110,438	34,360	49,135,005	125,405,084	104,851,641	230,256,725
1929 ²	1,569	311,806,456	48,153	57,764,968	141,145,838	113,082,137	260,418,645
1933 ³	1,552	263,195,652	28,417	28,469,225	70,166,220	59,034,923	133,879,330
1937 ³	1,713	256,011,093	42,576	51,979,393	144,466,346	99,359,051	251,924,258
1939.....	1,710	274,969,502	42,554	53,881,994	136,655,872	103,263,292	247,948,600
1942.....	1,990	388,649,300	89,570	148,782,053	270,823,072	272,926,065	558,137,606
1943.....	1,961	450,360,048	102,221	185,711,773	294,445,005	341,699,478	652,046,313
1944.....	2,116	4	96,062	178,639,118	303,560,016	337,137,197	655,844,689
1945.....	2,326	4	87,974	160,419,133	305,759,836	307,954,519	628,903,124
1946.....	2,731	4	75,484	137,506,645	335,708,533	293,352,652	644,527,898
1947.....	3,040	4	83,161	167,282,667	453,670,677	388,702,178	858,284,592
1948.....	3,526	4	86,614	193,930,805	549,275,003	417,675,306	985,592,702
Yukon and N.W.T.—							
1939.....	5	538,847	55	97,766	138,500	92,054	242,968
1942.....	9	852,827	63	106,275	139,006	263,471	417,773
1943.....	8	559,841	62	120,714	138,369	237,709	395,943
1944.....	12	4	67	118,972	189,718	280,803	489,256
1945.....	12	4	64	126,940	153,466	217,685	704,663
1946.....	13	4	92	200,560	172,845	403,727	646,295
1947.....	14	4	145	313,281	690,533	525,030	1,344,109
1948.....	17	4	137	346,220	818,919	379,525	1,330,110

¹ See footnote 1, Table 1. collected.² See footnote 2, Table 1.³ Includes Yukon.⁴ Not

3.—Summary Statistics of Manufactures, by Industrial Groups, Significant Years, 1917-48

Industrial Group and Year	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
Vegetable Products—							
1917.....	4,151	279,627,827	62,777	45,915,557	367,214,061	183,782,501	550,996,562
1920.....	4,549	402,383,047	74,241	77,750,189	536,828,044	239,328,371	776,156,415
1929 ²	5,350	581,820,861	91,032	95,853,121	431,595,751	341,688,938	783,706,883
1933.....	5,916	522,389,736	75,416	68,535,349	226,879,373	196,820,952	432,315,617
1937.....	5,068	539,531,357	94,258	94,632,901	395,491,147	266,869,693	672,540,163
1939.....	5,872	539,446,225	99,447	104,248,785	356,726,153	292,129,840	659,624,014
1942.....	5,985	656,756,413	115,476	145,000,211	552,791,525	396,956,313	965,896,035
1943.....	5,913	684,292,303	117,243	157,733,379	635,042,582	410,340,183	1,062,561,932
1944.....	5,941	"	130,679	183,943,948	763,606,750	485,551,491	1,270,518,297
1945.....	5,862	"	135,311	196,010,688	802,367,469	529,112,219	1,352,986,147
1946.....	5,916	"	137,170	206,893,681	871,436,061	575,963,454	1,649,914,130
1947.....	6,032	"	144,290	241,154,208	1,102,727,365	654,939,477	1,782,339,081
1948.....	5,912	"	140,785	264,371,792	1,172,108,404	702,724,107	1,902,985,965
Animal Products—							
1917.....	5,486	207,165,245	46,994	35,753,133	320,302,039	124,103,990	444,406,029
1920.....	4,823	221,792,457	48,687	54,291,606	400,496,354	152,995,130	553,491,484
1929 ²	4,490	243,825,065	67,670	62,081,423	345,351,882	127,929,857	477,761,855
1933.....	4,496	201,993,642	53,111	46,453,188	179,429,948	87,629,444	271,068,210
1937.....	4,435	230,312,163	67,996	64,816,361	326,537,087	118,117,971	441,983,708
1939.....	4,362	250,335,831	69,358	68,231,871	333,647,306	122,821,410	469,983,262
1942.....	4,392	322,045,016	87,038	103,620,997	649,160,318	203,152,956	861,190,126
1943.....	4,380	324,811,863	88,037	114,467,581	750,435,541	211,149,715	971,190,128
1944.....	4,388	"	94,195	129,215,389	835,586,247	246,064,720	1,092,015,647
1945.....	4,470	"	98,267	138,405,263	839,885,434	261,069,677	1,112,929,735
1946.....	4,528	"	102,844	151,517,837	849,242,804	271,279,430	1,132,233,759
1947.....	4,457	"	102,106	166,221,365	929,179,962	316,673,669	1,259,170,471
1948.....	4,323	"	102,817	186,776,617	1,203,694,769	342,913,582	1,562,378,976
Textiles and Textile Products—							
1917.....	1,067	191,338,745	76,978	47,764,436	131,225,032	109,904,530	241,129,562
1920.....	1,304	302,758,185	87,730	84,433,609	256,233,300	173,741,035	429,974,335
1929 ²	1,534	360,762,584	103,881	94,969,433	217,954,088	180,469,064	403,205,809
1933.....	1,740	298,730,436	95,707	72,813,424	143,184,861	131,065,992	279,475,267
1937.....	1,941	322,204,180	121,677	105,056,051	219,813,775	174,076,945	400,383,726
1939.....	1,930	347,248,927	121,022	107,117,035	203,618,197	181,927,898	392,657,759
1942.....	2,369	464,161,573	165,478	185,731,313	441,718,052	341,475,081	793,304,750
1943.....	2,384	455,065,029	157,987	191,805,628	446,136,675	334,242,717	790,659,927
1944.....	2,481	"	153,122	195,805,681	419,988,642	351,186,488	781,771,688
1945.....	2,740	"	158,148	207,629,471	429,208,436	367,980,705	807,722,241
1946.....	3,082	"	164,737	228,018,323	459,664,221	418,263,665	888,658,943
1947.....	3,216	"	176,065	268,104,889	560,634,708	488,983,044	1,062,041,265
1948.....	3,204	"	182,408	315,273,042	645,183,100	578,579,691	1,238,128,962
Wood and Paper Products—							
1917.....	7,263	536,320,247	152,277	113,359,997	148,277,935	245,372,487	393,650,422
1920.....	7,881	774,937,232	144,391	172,368,578	309,813,724	417,256,115	727,069,839
1929 ²	7,392	1,151,465,962	164,572	192,088,948	313,797,201	381,485,477	724,972,308
1933.....	7,891	892,652,622	105,080	102,218,652	134,663,641	184,233,540	341,336,701
1937.....	8,497	927,070,757	147,254	165,298,485	256,269,941	306,961,553	597,061,878
1939.....	8,538	960,804,712	144,782	165,287,455	246,292,820	303,662,441	579,892,183
1942.....	10,222	1,080,457,129	186,106	252,179,776	428,526,286	488,433,355	961,842,906
1943.....	9,774	1,103,984,216	183,865	264,844,792	447,399,954	508,835,982	1,001,563,243
1944.....	10,452	"	189,674	284,436,559	497,656,158	550,826,986	1,093,725,822
1945.....	10,653	"	199,373	306,179,416	551,143,890	586,057,023	1,184,650,720
1946.....	11,994	"	224,121	366,049,562	679,343,485	749,055,011	1,484,436,122
1947.....	12,985	"	248,450	460,371,358	895,117,041	991,750,398	1,954,298,347
1948.....	13,806	"	256,938	534,656,794	1,013,842,292	1,124,398,167	2,215,985,062
Iron and Its Products—							
1917.....	1,495	695,677,552	161,745	161,875,424	378,193,116	371,792,489	749,985,605
1920.....	1,789	726,371,335	164,087	231,595,911	377,499,131	411,875,057	789,374,191
1929 ²	1,224	826,063,942	142,772	203,740,658	405,818,468	367,465,582	790,726,338
1933.....	1,334	614,632,403	73,348	72,296,179	98,793,191	109,198,169	216,828,992
1937.....	1,345	651,398,528	127,148	163,261,130	325,091,063	280,165,582	624,819,877
1939.....	1,394	697,893,720	121,041	158,559,728	262,292,781	275,774,796	553,468,880
1942.....	1,931	1,446,215,017	360,845	639,330,901	985,960,237	1,084,424,334	2,112,822,237
1943.....	2,044	1,852,506,052	435,744	833,383,684	1,131,858,008	1,396,768,112	2,575,976,547
1944.....	2,192	"	411,944	818,452,454	1,104,083,922	1,390,703,087	2,540,992,974
1945.....	2,188	"	321,719	637,335,990	887,425,621	1,046,097,484	1,975,310,083
1946.....	2,358	"	249,279	475,812,983	635,344,199	735,459,371	1,405,542,865
1947.....	2,469	"	263,482	559,968,501	871,965,295	939,220,774	1,854,915,562
1948.....	2,548	"	269,776	652,953,714	1,076,895,019	1,123,685,663	2,253,777,033

¹ See footnote 1, Table 1.² See footnote 2, Table 1.³ Not collected.

3.—Summary Statistics of Manufactures, by Industrial Groups, Significant Years, 1917-48—concluded

Industrial Group and Year	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
Non-ferrous Metal Products—							
1917.....	296	69,421,911	18,220	15,898,890	46,445,469	41,039,351	87,484,820
1920.....	324	109,382,033	23,162	27,895,343	48,434,120	52,847,178	101,281,298
1929 ²	408	298,721,106	39,867	54,501,806	124,900,632	150,415,215	283,545,666
1933.....	478	266,266,443	25,273	28,099,026	71,990,608	88,427,984	164,765,604
1937.....	526	306,522,643	44,614	57,722,728	282,532,128	182,968,223	482,440,562
1939.....	526	346,489,890	44,563	59,684,858	242,063,177	155,808,806	416,060,459
1942.....	596	612,513,064	90,937	146,690,366	505,122,844	355,005,408	901,569,437
1943.....	597	674,802,402	109,522	186,874,396	615,283,895	369,005,912	1,034,390,379
1944.....	635	"	104,314	182,909,292	549,317,062	399,498,519	992,345,975
1945.....	683	"	88,350	158,358,737	429,913,071	316,572,975	779,984,900
1946.....	740	"	84,853	150,366,178	413,022,247	278,461,262	719,191,106
1947.....	799	"	96,080	194,937,584	596,648,463	402,021,896	1,034,580,717
1948.....	817	"	99,921	230,892,260	736,583,447	489,559,766	1,270,323,433
Non-metallic Mineral Products—							
1917.....	1,075	145,423,082	20,795	18,224,724	36,994,392	58,092,396	95,086,788
1920.....	846	215,281,921	25,500	32,351,764	69,856,558	80,205,472	150,062,030
1929 ²	843	316,692,818	29,257	38,958,390	112,573,103	99,065,847	229,774,300
1933.....	770	295,139,543	16,975	19,282,401	69,077,701	52,817,078	131,325,706
1937.....	823	287,473,542	23,837	30,389,958	115,938,578	77,667,225	208,205,148
1939.....	809	290,865,285	23,026	30,067,934	107,979,292	85,511,631	208,166,781
1942.....	782	329,401,312	30,707	48,702,880	191,143,787	141,216,996	358,075,414
1943.....	747	351,164,254	30,994	53,282,340	215,139,225	146,460,170	388,713,942
1944.....	748	"	31,590	56,130,338	234,714,319	152,525,053	416,268,879
1945.....	789	"	32,525	57,193,679	231,341,920	145,197,043	405,736,477
1946.....	910	"	36,493	63,848,640	240,485,869	173,638,196	446,484,682
1947.....	943	"	39,212	79,146,075	323,687,397	199,351,736	563,119,918
1948.....	1,009	"	40,956	93,582,722	441,612,794	231,961,750	724,110,218
Chemicals and Allied Products—							
1917.....	539	175,836,690	56,153	51,505,484	99,068,092	131,381,995	230,450,087
1920.....	464	122,123,730	17,653	22,193,421	62,644,608	65,183,212	127,827,820
1929 ²	564	165,886,912	16,694	22,639,449	55,184,337	78,785,911	138,545,221
1933.....	696	159,900,930	15,367	18,738,629	34,271,854	55,394,284	92,820,761
1937.....	754	161,165,068	21,968	28,612,719	64,460,947	79,290,240	148,973,220
1939.....	808	172,459,365	22,595	31,567,555	65,230,839	89,046,832	159,536,984
1942.....	928	471,679,779	93,030	134,345,942	233,386,894	252,390,766	501,656,123
1943.....	945	759,864,951	92,288	146,677,194	368,111,343	379,453,873	765,217,887
1944.....	981	"	81,822	137,422,977	360,412,749	355,260,598	739,569,232
1945.....	973	"	60,723	106,017,985	212,197,636	249,701,603	478,532,689
1946.....	1,017	"	37,278	66,538,532	159,308,350	203,639,442	376,288,264
1947.....	1,031	"	38,491	77,479,719	205,541,145	228,786,192	449,959,792
1948.....	1,026	"	39,548	89,325,771	293,041,874	268,818,222	579,827,509
Miscellaneous Industries—							
1917.....	473	33,179,930	10,584	7,504,199	11,958,675	15,662,241	27,620,916
1920.....	552	48,637,071	13,442	14,613,455	23,465,807	27,841,778	51,307,585
1929 ²	421	59,654,759	10,786	12,457,989	22,495,351	28,081,046	51,207,736
1933.....	459	33,554,083	8,351	7,810,976	9,497,751	14,083,738	24,138,927
1937.....	545	39,549,593	11,699	11,936,704	17,792,121	22,807,435	41,251,081
1939.....	566	41,480,534	12,280	13,045,929	18,308,810	24,368,247	43,393,206
1942.....	657	105,556,242	22,474	27,202,456	49,292,782	46,918,549	97,437,944
1943.....	668	110,684,657	25,388	38,723,390	81,085,860	60,156,877	142,587,014
1944.....	665	"	25,542	41,304,732	66,967,507	84,159,068	152,484,005
1945.....	692	"	24,956	38,642,220	90,185,370	62,527,170	154,115,874
1946.....	704	"	21,381	31,641,518	50,387,530	61,245,149	112,942,600
1947.....	802	"	23,574	38,542,267	48,778,643	70,328,616	120,601,427
1948.....	802	"	22,857	41,977,079	49,919,929	77,728,242	129,272,854

¹ See footnote 1, Table 1.² See footnote 2, Table 1.³ Not collected.

4.—Significant Statistics of Manufactures for Certain Years, 1917-48

Item	1917	1920	1929 ¹	1933	1939	1944	1947	1948
Establishments.....	21,845	22,532	22,216	23,780	24,805	28,483	32,734	33,447
Capital.....	2,333,991,229	2,923,667,011	4,004,892,009	3,279,259,838	3,647,024,449	2	2	2
Averages, per establishment.....	106,843	129,756	180,271	137,900	147,028	—	—	—
Averages, per employee.....	3,848	4,882	6,009	6,997	5,542	—	—	—
Averages, per wage-earner.....	4,309	5,610	6,633	8,584	6,838	—	—	—
Totals, employees.....	606,523	598,893	666,531	468,658	638,114	1,222,882	1,131,750	1,156,006
Averages, per establishment.....	27.8	26.6	30.0	18.7	26.5	42.9	34.6	34.6
Totals, salaries and wages.....	497,801,844	717,493,876	777,291,217	436,247,834	737,811,153	2,029,621,370	2,085,925,066	2,409,809,701
Averages, per establishment.....	22,788	31,843	34,988	18,345	29,744	71,257	63,724	72,049
Averages, per employee.....	821	1,198	1,166	931	1,121	1,600	1,843	2,085
Employees on salaries.....	64,918	78,334	88,841	86,636	124,772	192,558	191,100	198,279
Averages, per establishment.....	3.0	3.5	4.0	3.6	5.0	6.8	5.8	5.9
Salaries.....	85,353,667	141,837,361	175,553,710	139,317,946	217,839,334	418,065,594	474,693,800	532,702,476
Averages, per establishment.....	1,315	1,811	1,976	1,608	1,746	2,171	2,484	2,687
Employees on wages.....	541,605	520,559	577,690	382,022	533,342	1,030,324	940,650	957,727
Averages, per establishment.....	24.8	23.1	26.0	16.1	21.5	36.2	28.7	28.6
Wages.....	412,448,177	575,656,515	601,737,507	296,929,878	519,971,819	1,611,555,776	1,611,232,166	1,877,107,315
Averages, per wage-earner.....	762	1,106	1,042	777	975	1,564	1,713	1,960
Cost of materials.....	1,539,678,811	2,085,271,649	2,029,670,813	967,788,928	1,836,159,375	4,832,333,356	5,534,280,019	6,632,881,628
Averages, per establishment.....	70,482	92,547	91,361	40,698	74,024	189,657	169,068	198,310
Averages, per employee.....	2,589	3,482	3,045	2,065	2,790	3,952	4,890	5,738
Values added in manufacture ²	1,281,131,980	1,621,273,343	1,755,386,937	919,671,181	1,531,051,901	4,015,776,010	4,292,055,802	4,940,369,190
Averages, per establishment.....	58,646	71,934	79,015	38,674	61,734	140,989	131,119	147,707
Averages, per employee ³	2,112	2,707	2,634	1,962	2,326	3,284	3,792	4,374
Averages, per wage-earner.....	2,820,810,791	3,706,544,997	3,883,446,116	1,954,075,785	3,474,733,528	9,073,692,519	10,081,026,580	11,876,790,012
Gross value of products.....	129,128	164,501	174,804	82,173	140,084	318,565	307,968	358,083
Averages, per establishment.....	4,651	6,189	5,286	4,170	7,420	8,907	8,907	8,907
Averages, per employee.....	1,658,475	2,008,875	3,555,648	4,135,008	5,045,287	6,468,439	7,399,169	8,159,414
Power employed.....	h.p.	92	174	174	203	227	226	244
Averages, per establishment.....	3.06	3.97	6.67	10.82	9.46	6.28	7.87	8.52
Averages, per wage-earner.....	“	“	“	“	“	“	“	“

¹ A change in the method of computing the number of wage-earners in the years 1925 to 1930, inclusive, increased the number somewhat over that which the method otherwise used would have given. There was, therefore, a proportionate reduction in the averages for 1925-30 per employee and wage-earner, as compared with what these averages would have been under the other method. In 1931, however, the method in force prior to 1925 was re-adopted. The figures for 1931 and later years are therefore comparable with those for 1924 and earlier years.

² Not collected.

³ Net values of products; see footnote 1, Table 1.

The figures in Table 4 trace the tendencies in Canadian manufacturing industries as clearly as possible from 1917 to 1948. In analysing statistics of production and materials used, price changes should be borne in mind, particularly the inflation of values in the years immediately following World War I, the drop in prices of commodities during the depressions following 1921 and 1930, and the increases again in the recent war and post-war period. The figure that shows most clearly the trend of development is concerned with the use of power. The total horse-power employed increased from 1,658,475 in 1917 to 8,159,414 in 1948, an advance of about 392 p.c. in 31 years. In the same period, horse-power per wage-earner showed an interrupted trend from 3.06 to 10.82 in 1933 and 9.46 in 1939. With the large increase in the number of wage-earners on war production, and the more efficient utilization of the equipment available, the horse-power per wage-earner dropped to 6.28 in 1944; the increasing installation of power machinery and the decline in employment after the War resulted in a rise to 8.52 in 1948. The significant feature is the increase in both the absolute figures of power employed and the averages per wage-earner during the depression years as compared with 1929, although the large numbers of persons again finding employment since 1933 reduced the averages for the years 1934 to 1937 and again for 1940 to 1945. Other interesting comparisons are the trend of value added by manufacture, per employee, and of average salaries and wages paid since 1929.

Consumption of Manufactured Products.—One of the beneficial results of adopting the same classification for external trade and for production is exhibited in Table 5, where the value of commodities made available for consumption in Canada is derived from these statistics. For example, the value of all manufactured commodities made available in 1948 was \$11,487,244,645, a figure obtained by adding to the value of manufactured products the value of the imports of manufactured and partly manufactured goods and deducting the value of the exports. In this table more accurate statistics could be presented were it possible to exclude from the gross value of manufactured products the duplications involved when the products of one manufacturing establishment become the material worked upon in another. Iron, vegetable, textile, animal, and wood and paper were, in that order, the leading groups in the value of finished products made available for consumption in 1948. Vegetable, animal, wood and paper, and non-ferrous metal products were manufactured in Canada in greater quantities than required for home consumption, providing export balances in these groups.

On balance, Canada in the past imported large quantities of iron and steel, textile and non-metallic mineral products in spite of large home production. The expansion of the iron and steel, chemical and non-ferrous metals industries will enable Canada to meet more of her requirements for home consumption and to export greater quantities in the future.

5.—Consumption of Manufactured Products, 1928-48, and by Industrial Groups, 1948

Year	Value of Products Manufactured	Manufactured and Partly Manufactured Goods ¹		Value of Manufactured Products Available for Consumption
		Value of Net Imports	Value of Domestic Exports	
	\$	\$	\$	\$
1928.....	3,582,345,302	954,387,551	698,376,615	3,838,356,238
1929.....	3,883,446,116	939,130,201	686,876,071	4,135,700,246
1930.....	3,280,236,603	675,828,233	490,108,470	3,465,956,366
1931.....	2,555,126,448	423,519,849	347,456,198	2,631,190,099
1932.....	1,980,471,543	281,855,757	267,765,614	1,994,561,686
1933.....	1,954,075,785	298,068,344	365,232,113	1,886,912,016
1934.....	2,393,692,729	357,320,284	419,094,297	2,331,918,716
1935.....	2,653,911,209	385,597,041	582,041,141	2,457,467,109
1936.....	3,002,403,814	468,455,981	676,890,803	2,793,968,992
1937.....	3,625,459,500	566,876,483	781,099,407	3,411,236,576
1938.....	3,337,681,366	472,193,253	587,758,795	3,222,115,824
1939.....	3,474,783,528	542,364,930	646,853,938	3,370,294,520
1940.....	4,529,173,316	807,636,948	913,049,979	4,423,760,285
1941.....	6,076,308,124	1,123,994,913	1,292,855,603	5,907,447,434
1942.....	7,553,794,972	1,283,884,068	2,056,368,079	6,781,310,961
1943.....	8,732,860,999	1,305,838,746	2,444,862,298	7,593,837,447
1944.....	9,073,692,519	1,302,413,996	2,668,575,781	7,707,530,734
1945.....	8,250,368,866	1,117,544,874	2,352,441,796	7,015,471,944
1946.....	8,035,692,471	1,390,123,100	1,701,677,026	7,724,138,545
1947.....	10,081,026,580	1,928,250,119	2,124,740,343	9,884,536,356
Industrial Group, 1948				
Vegetable products.....	1,902,985,965	189,390,195	227,109,205	1,865,266,955
Animal products.....	1,562,378,976	44,972,214	189,607,572	1,417,743,618
Textiles and textile products.....	1,238,128,962	254,626,567	44,092,162	1,448,663,367
Wood and paper products.....	2,215,985,062	68,900,295	891,019,398	1,393,865,959
Iron and its products.....	2,253,777,033	753,394,675	276,163,964	2,731,007,744
Non-ferrous metal products.....	1,270,323,433	131,505,584	350,987,075	1,050,841,942
Non-metallic mineral products.....	724,110,218	200,639,165	59,383,562	865,365,821
Chemicals and allied products.....	579,827,509	116,713,207	79,840,361	616,700,355
Miscellaneous industries.....	129,272,854	109,560,187	141,044,157	97,788,884
Totals, 1948.....	11,876,790,012	1,869,702,089	2,259,247,456	11,487,244,645

¹ Figures for the years 1928-38 are for the fiscal years ended Mar. 31 of the following years; for 1939-48 they are for the calendar year. Net imports are total imports less foreign products re-exported.

Section 2.—Value and Volume of Manufactured Products

Value of Manufactured Products.—In the interpretation of manufacturing values over a number of years, variations in the level of prices must be borne in mind. The index number of wholesale prices, on the 1926 base, stood at 114.3 in 1917, 155.9 in 1920, 97.3 in 1922, 95.6 in 1929, 67.1 in 1933, 84.6 in 1937, 75.4 in 1939 and 153.4 p.c. in 1948. Index numbers of the prices of fully or chiefly manufactured goods were: 113.5 in 1917, 156.5 in 1920, 100.4 in 1922, 93.0 in 1929, 70.2 in 1933, 80.5 in 1937, 75.3 in 1939 and 140.3 p.c. in 1948.

Volume of Manufacturing Production.—Since real income is ultimately measured in goods and services, the growth of the volume of manufacturing production, as distinguished from its value, becomes a matter of great significance. The important thing to know is whether consumers are getting more goods and services, not whether they are expending more dollars and cents.

The indexes of volume (Table 6) are based on quantities of manufactured products reported and the industry indexes are weighted according to the values added by manufacture. The indexes for the years 1923-31 are based on the values added in 1926. The weights and products used were changed in 1931, 1936 and then again in 1941. By thus changing the construction of the index every five years, current changes in production are reflected more accurately.

The physical volume of manufacturing production increased 50 p.c. from 1923 to 1929. When it is recalled that the population of Canada is estimated to have increased only 11 p.c. during the same period, the growth of manufacturing production is indeed remarkable. Of this advance, the part resulting from an increase in the domestic demand due to growth of population would therefore be about 11 p.c. Exports of partly and fully manufactured goods increased from \$591,830,000 in the fiscal year ended Mar. 31, 1924, to \$686,876,000 in the fiscal year 1929-30, the increase in exports representing about 3.6 p.c. of the 1923 production. The remainder of the increase in production by 1929, or a margin equal to roughly 35 p.c. of the volume of manufactures of 1923, was, therefore, apparently absorbed by increases in capital equipment and by the rise in the standard of living of the population of Canada.

A similar analysis of the volume of manufactures since 1929, in relation to population and exports shows that the decline in the depression preceding World War II was due chiefly to reduced exports and a cessation in production of capital equipment. As a result of expansion during the War, the physical volume of production in 1943, when production was at an all-time high, was 77 p.c. above 1939 and 85 p.c. above 1929. The chemical and allied products group, with an increase of 262 p.c., reported the greatest expansion in output from 1939 to 1943. This was followed by the iron and its products group with an increase of 222 p.c., non-ferrous metal products 130 p.c., miscellaneous industries 68 p.c., non-metallic mineral products 56 p.c., animal products 40 p.c., textiles and textile products 34 p.c., vegetable products 25 p.c., and wood and paper products 21 p.c. There was also an increase in the volume of consumer goods. As was to be expected, the increase was not so great as that for the output of equipment and supplies needed by the Armed Forces. Drink and tobacco increased by 51 p.c., food 27 p.c. and clothing 25 p.c.

In 1946 the index of the physical volume of production at 150.3 represented a drop of 19.9 p.c. from the high mark attained in 1943. Chemicals and allied products had the sharpest decline of 65.2 p.c., followed by iron and its products with 44.7 p.c.; non-ferrous metal products 39.1 p.c.; miscellaneous industries 9.3 p.c.; and textiles and textile products 4.4 p.c. The wood and paper, vegetable, non-metallic mineral and animal products groups on the other hand reported an increase in the volume of production. The volume of consumer goods continued to rise with the books and stationery group reporting an increase of 28.3 p.c., followed by drink and tobacco with 26.3 p.c., personal utilities 25.4 p.c., house furnishings 15.8 p.c., food 11.9 p.c. and clothing 5.0 p.c. Industrial equipment and producers materials were both down with declines of 25.7 and 15.1 p.c. respectively. Vehicles and vessels had the greatest decline of 52.1 p.c.

The indexes for 1947 and 1948 have not yet been compiled. This will be done as soon as the indexes for 1940 to 1946 have been revised in accordance with supplementary information now available.

6.—Indexes of the Volume of Manufacturing Production, According to Component Material and Purpose Classifications, 1923-46

(1935-39=100)

NOTE.—The indexes for 1940 to 1946 are being revised in the light of supplementary information now available.

Year	COMPONENT MATERIAL CLASSIFICATION GROUPS									
	Vegetable	Animal	Textiles	Wood and paper	Iron	Non-ferrous metal	Non-metallic mineral	Chemicals	Miscellaneous	All Industries
1923.....	62.6	75.0	64.3	65.1	81.5	42.7	81.8	59.2	99.5	67.5
1924.....	67.8	80.4	62.1	64.0	86.6	46.4	78.9	60.5	95.0	66.3
1925.....	75.1	84.8	66.5	69.0	79.9	52.5	80.3	64.8	94.5	72.5
1926.....	80.2	92.2	75.8	78.1	102.6	58.6	89.6	70.5	104.4	82.5
1927.....	84.9	90.0	81.4	84.1	104.1	67.6	102.3	75.2	114.2	87.9
1928.....	93.5	92.9	87.0	92.5	117.1	75.3	116.3	82.7	110.5	95.8
1929.....	96.4	87.9	86.1	99.6	133.4	81.3	137.1	84.8	105.6	101.4
1930.....	91.6	85.3	80.0	92.1	108.6	76.8	122.9	74.9	87.8	91.9
1931.....	83.4	77.4	78.2	76.6	82.8	73.1	105.6	69.2	80.0	79.9
1932.....	74.1	76.7	74.6	68.0	53.5	58.9	75.1	66.0	75.8	67.6
1933.....	72.8	79.6	81.1	69.6	50.2	57.6	68.8	69.9	71.9	67.7
1934.....	82.4	86.5	89.5	81.5	67.6	70.8	82.5	79.3	85.2	79.6
1935.....	87.0	91.3	94.5	89.5	83.4	81.2	88.1	87.2	91.1	87.9
1936.....	95.9	98.7	99.9	98.4	93.5	91.5	96.8	93.6	91.7	96.2
1937.....	104.5	102.7	106.0	109.6	118.1	110.1	111.3	107.3	106.6	108.9
1938.....	102.4	100.3	94.5	97.8	102.8	106.0	101.6	102.9	105.3	100.8
1939.....	109.0	107.2	104.9	104.4	101.9	111.1	105.1	108.9	110.7	106.3
1940.....	117.9	118.7	124.8	117.8	141.2	133.2	127.8	130.2	116.3	125.2
1941.....	137.2	138.2	143.1	131.3	217.1	165.4	148.8	219.6	157.4	155.9
1942.....	136.4	145.0	152.4	131.2	289.2	213.7	157.6	369.6	180.2	179.9
1943.....	135.8	150.5	140.2	126.7	328.3	255.4	163.5	394.8	186.0	187.7
1944.....	155.0	155.9	136.2	129.1	300.5	229.6	166.5	338.8	192.0	180.8
1945.....	159.0	159.9	134.7	136.2	247.7	177.6	165.6	257.2	195.6	165.3
1946.....	166.6	157.0	134.1	155.5	181.7	155.6	176.2	137.3	168.7	150.3

Year	PURPOSE CLASSIFICATION GROUPS									
	Food	Clothing	Drink and tobacco	Personal utilities	House furnishings	Books and stationery	Producer materials	Industrial equipment	Vehicles and vessels	All Industries
1923.....	73.7	69.2	50.1	85.1	62.1	56.1	69.3	64.3	77.4	67.5
1924.....	79.0	69.3	57.4	81.2	69.4	46.8	65.8	64.2	67.4	66.3
1925.....	84.0	74.4	61.0	87.0	67.7	54.8	71.9	69.6	83.3	72.5
1926.....	87.0	83.5	65.9	99.6	78.7	60.3	81.6	84.3	108.3	82.5
1927.....	85.0	89.0	75.8	105.9	95.0	67.0	86.6	91.7	115.2	87.9
1928.....	90.2	96.0	86.0	106.5	98.3	74.1	95.7	101.6	122.6	95.8
1929.....	89.4	95.8	92.6	101.5	108.3	79.3	101.8	109.2	142.6	101.4
1930.....	91.0	88.5	86.3	84.1	98.8	78.7	90.7	97.0	115.6	91.9
1931.....	83.4	85.1	78.0	78.2	85.9	75.0	76.4	82.0	82.7	79.9
1932.....	80.6	77.8	67.0	70.3	70.7	76.9	61.2	63.7	56.8	67.6
1933.....	79.9	81.7	63.4	70.7	68.7	73.5	63.6	59.2	57.7	67.7
1934.....	87.8	87.7	72.7	79.5	79.1	83.6	77.3	73.8	76.6	79.6
1935.....	90.5	92.2	82.5	87.6	85.9	93.4	86.2	84.7	90.5	87.9
1936.....	98.8	97.9	90.9	94.3	95.4	96.3	97.0	94.9	94.3	96.2
1937.....	101.5	103.9	107.6	106.7	110.5	101.7	111.8	113.3	118.0	108.9
1938.....	102.4	97.9	107.5	103.0	101.6	103.8	98.0	102.0	99.9	100.8
1939.....	107.0	108.2	111.6	108.5	106.5	104.7	106.9	105.1	97.4	106.3
1940.....	115.0	119.9	129.7	115.1	120.5	102.8	128.7	138.7	129.5	125.2
1941.....	131.7	136.0	149.5	140.0	140.4	112.8	151.1	184.9	230.8	155.9
1942.....	130.6	142.7	171.2	144.6	149.4	106.6	172.3	222.8	310.2	179.9
1943.....	135.7	134.9	167.9	141.7	149.7	107.2	172.7	257.0	373.0	187.7
1944.....	147.5	135.7	193.0	143.9	153.6	110.7	164.4	237.6	369.5	180.8
1945.....	149.0	136.7	203.5	158.9	156.1	120.4	152.8	208.6	289.4	165.3
1946.....	151.9	141.6	212.0	177.7	173.3	137.5	146.6	191.0	178.6	150.3

7.—Indexes of the Volume of Manufacturing Production for Individual Industries of the Purpose Classification Groups, Significant Years, 1923-46

(1935-39=100)

Group and Classification	1923	1929	1933	1939	1943	1945	1946
Food	73.7	89.4	79.9	107.0	135.7	149.0	151.9
Breadstuffs.....	81.0	98.7	84.3	106.9	138.7	144.5	151.3
Fish.....	108.5	114.1	86.7	98.8	131.9	161.5	156.8
Fruit and vegetable preparations.....	32.9	70.8	64.5	109.9	107.0	133.7	175.4
Meats.....	72.7	78.5	76.2	106.0	165.3	176.4	159.2
Milk products.....	69.8	77.2	78.7	107.3	145.5	148.7	141.2
Oils and fats.....	52.0	40.9	41.9	156.4	314.0	336.6	356.7
Sugar.....	79.2	88.5	82.5	109.4	83.3	95.0	92.8
Infusions.....	64.4	75.0	82.5	105.8	156.2	195.5	196.0
Miscellaneous.....	46.5	67.4	66.5	110.4			
Clothing	69.2	95.8	81.7	108.2	134.9	136.7	141.6
Boots and shoes.....	73.0	100.6	80.0	113.4	107.9	129.9	140.5
Fur goods.....	41.1	97.6	81.0	118.3	169.7	195.0	206.9
Garments and personal furnishings.....	75.3	94.2	80.2	103.1	153.9	144.4	145.6
Gloves and mittens.....	59.2	84.0	76.4	100.4	167.1	172.5	170.7
Hats and caps.....	58.6	95.3	74.3	104.5	130.9	123.9	133.8
Knitted goods.....	64.8	86.1	83.1	112.4	118.2	120.4	125.8
Waterproofs.....	48.9	89.8	65.7	100.4	250.0	160.9	159.3
Drink and Tobacco	50.1	92.6	63.4	111.6	167.9	203.5	212.0
Beverages, alcoholic.....	49.5	105.9	60.5	102.8	165.8	229.5	258.2
Beverages, non-alcoholic.....	35.9	61.3	54.9	136.4	178.6	171.8	187.8
Tobacco.....	55.3	90.7	77.1	111.3	170.6	210.1	189.2
Personal Utilities	85.1	101.5	70.7	108.5	141.7	158.9	177.7
Jewellery and time-pieces.....	78.4	88.5	67.7	108.1	140.0	167.6	207.2
Recreational supplies.....	193.3	176.7	48.2	114.1	152.4	189.2	218.6
Personal utilities.....	56.1	79.8	78.1	107.5	142.6	152.5	160.6
House Furnishings	62.1	108.3	68.7	106.5	149.7	156.1	173.3
Books and Stationery	56.1	79.3	73.5	104.7	107.2	120.4	137.5
Producers Materials	69.3	101.8	63.6	106.9	172.7	152.8	146.6
Farm materials (fertilizers).....	8.0	13.4	51.7	124.8	204.5	236.3	303.2
Manufacturers materials.....	58.7	88.1	64.4	105.6	169.1	146.8	141.1
Building materials.....	109.3	152.9	58.8	111.2	154.8	162.7	188.4
General materials.....	86.0	120.3	69.3	108.5	190.0	202.8	206.9
Industrial Equipment	64.3	109.2	59.2	105.1	257.0	208.6	191.0
Farming equipment.....	97.7	144.7	45.3	85.1	240.7	211.0	204.8
Manufacturing equipment.....	66.5	101.3	44.9	107.6	293.5	244.1	243.7
Trading equipment.....	55.2	77.2	80.0	107.7	Nil	Nil	Nil
Service equipment.....	67.7	75.8	72.5	100.4	317.8	220.9	152.0
Light, heat and power equipment.....	46.6	104.8	61.7	105.0	220.7	199.7	193.9
General equipment.....	74.2	114.4	58.5	106.4	292.8	217.3	191.2
Vehicles and Vessels	77.4	142.6	57.7	97.4	373.0	289.4	178.6
Miscellaneous	45.0	66.2	59.9	115.5	405.1	257.8	105.9
Totals, All Manufactures	67.5	101.4	67.7	106.3	187.7	165.3	150.3

Section 3.—Production by Industrial Groups and Individual Industries

For the purposes of the Census of Manufactures, the main detailed analysis is made under a classification in which industries are grouped according to the chief component materials of the goods manufactured. This is, therefore, the grouping used in Table 9, where the statistics of individual industries are presented in detail and in the historical series shown in Table 3. However, there are also less detailed analyses given under the standard classification grouping in Tables 10 and 11, the purpose grouping in Table 12 and origin grouping in Table 13.

Subsection 1.—Manufactures Grouped by Chief Component Materials

Recent Changes in Manufacturing Production.—Table 8 shows the recovery after the depression and the impact of World War II upon the main groups of industries with regard to the numbers employed, the salaries and wages paid,

and the gross value of products. Owing to the price decline during the depression, money values of both wages and products were naturally affected more than number of employees. Furthermore, during periods of curtailed production there is a tendency for wage-earners to be put on part time, while the number of salaried employees responds less quickly to reduction in output than that of wage-earners. Therefore, there are several reasons why the variation in number of employees should be less than that of money values. The figures of Table 8 are to be compared with those of Table 6 which shows changes in volume of production. The number of employees in 1944 increased by 86 p.c. over 1939 as compared with an increase of 70 p.c. in the physical volume of production. Salaries and wages paid were 175 p.c. higher and the gross value of production 161 p.c. higher. Another significant change is the increase in the proportion of women engaged in manufacturing. Whereas in 1939, there were 281 females to every 1,000 males employed, in 1944 this figure jumped to 403.

8.—Percentage Variations in Employment, Salaries and Wages, and Gross Value of Products in the Main Industrial Groups, Compared for Significant Years, 1933-48

Industrial Group	1939 Compared with 1933			1944 Compared with 1939		
	Em- ployees	Salaries and Wages	Gross Value of Pro- ducts	Em- ployees	Salaries and Wages	Gross Value of Pro- ducts
Vegetable products.....	+31.9	+52.1	+52.6	+ 31.4	+ 76.4	+ 92.6
Animal products.....	+30.6	+ 46.9	+ 70.4	+ 35.8	+ 89.4	+136.4
Textiles and textile products.....	+26.5	+ 47.1	+ 40.5	+ 26.5	+ 82.8	+ 99.1
Wood and paper products.....	+37.8	+ 61.7	+ 69.9	+ 31.0	+ 72.1	+ 88.6
Iron and its products.....	+65.0	+119.3	+155.3	+240.3	+416.2	+359.1
Non-ferrous metal products.....	+76.3	+112.4	+152.5	+134.1	+206.5	+138.5
Non-metallic mineral products.....	+35.6	+ 55.9	+ 58.5	+ 37.2	+ 86.7	+100.0
Chemicals and allied products.....	+46.7	+ 68.5	+ 71.9	+262.1	+335.3	+359.8
Miscellaneous products.....	+47.0	+ 67.0	+ 79.8	+108.0	+216.6	+251.4
Averages, All Industries.....	+40.4	+ 69.1	+ 77.8	+ 85.8	+175.1	+161.1

Industrial Group	1948 Compared with 1944			1948 Compared with 1947		
	Em- ployees	Salaries and Wages	Gross Value of Pro- ducts	Em- ployees	Salaries and Wages	Gross Value of Pro- ducts
Vegetable products.....	+ 7.7	+ 43.7	+ 49.8	- 2.4	+ 9.6	+ 6.8
Animal products.....	+ 9.2	+ 44.5	+ 43.1	+ 0.7	+12.4	+24.1
Textiles and textile products.....	+19.1	+ 61.0	+ 58.4	+ 3.6	+17.6	+16.6
Wood and paper products.....	+35.5	+ 88.0	+102.6	+ 3.4	+16.1	+13.4
Iron and its products.....	-34.5	-20.2	-11.3	+ 2.4	+16.6	+21.5
Non-ferrous metal products.....	- 4.2	+26.2	+28.0	+ 4.0	+18.4	+22.8
Non-metallic mineral products.....	+29.6	+ 66.7	+74.0	+ 4.4	+18.2	+28.6
Chemicals and allied products.....	-51.7	-35.0	-21.0	+ 2.7	+15.3	+28.9
Miscellaneous industries.....	-10.5	+ 1.6	-15.2	- 3.0	+ 8.9	+ 7.2
Averages, All Industries.....	- 5.5	+18.7	+30.9	+ 2.1	+15.5	+17.8

Significant changes in the nature of manufacturing production took place after the cessation of hostilities in 1945. Industries engaged in war production operated at a substantially lower level, while industries producing consumer goods stepped up their production. From the point of view of employment the chemical and allied products group with a drop of 52 p.c. experienced the greatest decline in production between 1944 and 1948. Iron and its products was second with a drop of 35 p.c., followed by miscellaneous industries with 10 p.c. and non-ferrous

metal products 4 p.c. The wood and paper products group reported the greatest gain with an increase in employment of 36 p.c., followed by non-metallic mineral products with 30 p.c., textiles 19 p.c., animal products 9 p.c. and vegetable products 8 p.c. For manufacturing as a whole there was a drop of 6 p.c. in the number of employees with an increase of 19 p.c. in the amount of salaries and wages paid. Although there was a drop in the physical volume of production the gross value of products made was 31 p.c. higher. This was due to the rise in the wholesale prices of fully and partly manufactured products.

Detailed Statistics by Groups and Individual Industries.—Table 9 presents for the year 1948 detailed statistics regarding the individual industries under which all industrial plants in Canada are classified. The industries are further assembled under nine main groups according to the principal component material of their products.

In interpreting the statistics of individual industries it should be remembered that the figures on employment, production, etc., do not refer to individual products but to all the products made in an industry. For example, the value of production of the confectionery industry amounting to \$102,686,263 does not imply that this was the value of confectionery produced. What it means is that the firms whose principal product is confectionery, had a value of production of \$102,686,263. This figure, in addition to confectionery, includes all the subsidiary products made by these firms, such as ice cream which was valued at \$2,475,034, and bread and other bakery products valued at \$1,961,933. Confectionery is also produced as a subsidiary product by firms credited to other industrial classifications. For total production figures of individual products, reference should be made to "The Alphabetical List of Products" published annually as Appendix II to this report.

The incidence of the War resulted in a rearrangement in the rank of many industries. Industries producing supplies and equipment for the Armed Forces naturally advanced while those industries producing for the domestic consumer market declined in importance. To supply the raw materials needed by the industries engaged principally in war production, it became necessary to restrict or prohibit the manufacture of many products such as automobiles, radios, washing machines, electrical equipment, household appliances, agricultural implements, etc. Though these industries were forced to change over to wartime production, the changes did not affect the value of their output and consequently their importance as producers of manufactured goods did not alter drastically. To analyse the effects of the War and the conversion to peace-time production on any industry, it is necessary to compare the nature of the products made before and during the War with that of the present. This should be borne in mind in making industrial comparisons of the war years and the present. For example, the number of employees engaged in the agricultural implements industry increased by 8,248 between 1939 and 1945; this in spite of the fact that the output of agricultural implements remained at about the same level. The increase was due to a change-over of some of the plants to war production. It is therefore impossible to trace industrial trends from the principal statistics alone, as published in this report.

9.—Establishments, Employees, Salaries and Wages, Power, Fuel,

		Province, Industry and Group	Estab- lish- ments	Employees on Salary			Employees on	
				Male	Female	Salaries	Male	Female
			No.	No.	No.	\$	No.	No.
PROVINCE								
	Prince Edward Island.....	254	360	99	580,421	936	364	
1	Nova Scotia.....	1,440	3,453	955	8,972,592	22,228	3,712	
2	New Brunswick.....	1,067	2,593	810	7,501,798	16,858	4,064	
3	Quebec.....	11,122	45,216	16,936	167,764,686	231,553	90,261	
4	Ontario.....	12,127	66,976	31,345	276,827,306	354,044	99,293	
5	Manitoba.....	1,400	5,005	1,806	17,459,496	25,871	7,875	
6	Saskatchewan.....	926	2,080	738	5,457,306	7,019	1,113	
7	Alberta.....	1,568	3,936	1,159	10,811,198	17,462	3,135	
8	British Columbia.....	3,526	11,433	3,337	37,249,702	62,903	8,941	
9	Yukon and Northwest Territories.....	17	30	12	77,971	82	13	
10	Totals.....	33,447	141,082	57,197	532,702,476	738,956	218,771	
INDUSTRIAL GROUP								
	Vegetable products.....	5,912	16,894	7,148	61,595,029	79,356	37,387	
1	Animal products.....	4,323	13,560	5,030	45,104,529	60,995	23,232	
2	Textiles and textile products.....	3,204	13,323	8,280	66,109,581	67,293	93,512	
3	Wood and paper products.....	13,806	38,276	12,235	120,279,473	182,792	23,635	
4	Iron and its products.....	2,548	30,031	11,051	121,402,848	218,077	10,617	
5	Non-ferrous metal products.....	817	13,496	6,048	55,260,536	64,998	15,379	
6	Non-metallic mineral products.....	1,009	5,120	1,558	18,485,358	32,197	2,081	
7	Chemicals and allied products.....	1,026	7,549	4,189	32,879,151	22,308	5,502	
8	Miscellaneous industries.....	802	2,833	1,658	11,585,971	10,940	7,426	
9	1.—Vegetable Products							
1	Aerated and mineral waters.....	458	1,196	377	3,961,725	4,835	275	
2	Biscuits and crackers.....	49	443	238	1,819,429	2,127	2,863	
3	Bread and other bakery products.....	2,859	3,565	1,177	9,058,682	19,960	6,841	
4	Breweries.....	61	1,078	368	5,300,518	6,786	175	
5	Confectionery, cocoa, etc.....	196	643	495	3,268,437	3,611	5,327	
6	Distilleries.....	18	722	266	3,104,738	2,139	1,086	
7	Flour and feed mills.....	924	1,519	390	4,039,900	5,052	163	
8	Foods, breakfast.....	20	125	73	533,521	603	339	
9	Foods, stock and poultry.....	318	754	323	2,449,558	3,139	108	
10	Foods, miscellaneous.....	294	1,024	720	4,508,367	2,188	2,508	
11	Fruit and vegetable preparations.....	499	1,678	824	5,884,489	7,592	6,550	
12	Macaroni, vermicelli, etc.....	17	50	35	229,570	383	208	
13	Malt and malt products.....	13	82	36	406,980	555	3	
14	Rubber goods, including rubber footwear.....	56	2,513	1,121	10,176,160	13,333	4,786	
15	Starch and glucose.....	10	149	65	651,553	668	82	
16	Sugar refineries.....	11	310	101	1,500,930	2,541	315	
17	Tobacco, cigars and cigarettes.....	62	695	452	3,263,427	2,664	5,148	
18	Tobacco processing and packing.....	17	208	31	704,679	704	557	
19	Wine.....	28	119	53	632,959	401	91	
20	All other industries.....	2	21	3	99,407	75	12	
	Totals, Vegetable Products.....	5,912	16,894	7,148	61,595,029	79,356	37,387	
2.—Animal Products								
1	Animal oils and fats.....	9	30	7	130,710	170	1	
2	Belting, leather.....	14	41	18	148,369	141	14	
3	Boot and shoe findings, leather.....	24	53	25	217,346	432	103	
4	Boots and shoes, leather.....	292	1,699	733	6,846,986	10,436	8,397	
5	Butter and cheese.....	1,951	4,072	1,733	9,827,533	14,652	1,367	
6	Cheese, processed.....	21	89	28	305,476	370	326	
7	Condensed milk.....	37	188	92	663,807	1,492	111	
8	Dairy products, other.....	81	136	45	373,519	443	155	
9	Fish curing and packing.....	600	1,192	325	3,087,618	7,294	3,432	
10	Fur dressing and dyeing.....	21	123	37	596,035	1,124	318	
11	Fur goods.....	615	1,193	340	4,154,725	2,747	2,163	
12	Gloves and mittens, leather.....	81	174	86	725,354	746	1,409	
13	Hair goods, animal and human.....	21	32	9	104,035	140	30	
14	Leather tanneries.....	73	400	140	2,120,628	3,967	341	
15	Miscellaneous leather goods.....	273	576	237	2,060,929	2,169	1,954	
16	Sausage and sausage casings.....	70	124	27	337,098	350	140	
17	Slaughtering and meat packing.....	140	3,438	1,148	13,404,361	14,322	2,971	
	Totals, Animal Products.....	4,323	13,560	5,030	45,104,529	60,995	23,232	

Materials, and Values of Products of Manufacturing Industries, 1948

Wages	Total Employees	Total Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Net Value of Products	Gross Value of Products	
Wages							
\$	No.	\$	\$	\$	\$	\$	
1,493,564	1,759	2,073,985	221,619	12,634,785	4,217,680	17,074,084	1
43,580,608	30,348	52,553,200	9,575,607	140,761,593	95,774,483	246,111,683	2
36,416,889	24,325	43,918,687	8,765,005	134,410,529	91,404,150	234,579,684	3
588,451,448	383,966	756,216,134	110,979,430	1,954,111,943	1,534,214,660	3,599,306,033	4
933,812,906	551,658	1,210,640,212	138,188,519	3,118,084,345	2,486,867,987	5,743,140,851	5
61,844,380	40,557	79,303,876	7,948,179	296,606,269	157,646,732	462,201,180	6
15,581,605	10,950	21,038,911	3,886,542	172,423,275	45,053,786	221,363,603	7
38,926,563	25,692	49,737,761	5,200,234	253,754,967	107,134,881	366,090,082	8
156,731,103	86,614	193,980,805	18,642,393	549,275,003	417,675,306	985,592,702	9
268,249	137	346,220	131,666	818,919	379,525	1,330,110	10
1,877,107,315	1,156,006	2,409,809,791	303,539,194	6,632,881,628	4,940,369,190	11,876,790,012	
202,776,763	140,785	264,371,792	28,153,454	1,172,108,404	702,724,107	1,902,985,965	1
141,672,088	102,817	186,776,617	15,770,625	1,203,694,769	342,913,582	1,562,378,976	2
249,163,461	182,408	315,273,042	14,366,171	645,183,100	578,579,691	1,238,128,962	3
414,377,321	256,938	534,656,794	77,744,603	1,013,842,292	1,124,398,167	2,215,985,062	4
531,550,866	269,776	652,933,714	53,196,351	1,076,895,019	1,123,685,663	2,253,777,033	5
175,631,724	99,921	230,892,260	44,180,220	736,583,447	489,559,766	1,270,323,433	6
75,097,364	40,956	93,582,722	50,535,674	441,612,794	231,961,750	724,110,218	7
56,446,620	39,548	89,325,771	17,967,413	293,041,874	268,818,222	579,827,509	8
30,391,108	22,857	41,977,079	1,624,683	49,919,929	77,728,242	129,272,854	9
8,053,118	6,683	12,014,843	1,522,212	24,809,777	40,715,736	67,047,725	1
7,122,509	5,671	8,941,938	628,691	25,895,963	24,884,774	51,409,428	2
44,348,678	31,543	53,407,360	6,048,647	94,383,761	87,500,925	187,933,333	3
15,952,050	8,407	21,252,568	2,160,727	34,995,002	89,783,407	126,939,136	4
11,958,991	10,076	15,227,428	935,236	56,396,133	45,354,894	102,686,263	5
6,311,592	4,213	9,416,330	2,054,163	34,418,708	44,972,176	81,445,407	6
10,015,751	7,124	14,055,651	2,225,185	269,249,436	39,294,079	310,768,700	7
1,837,132	1,140	2,370,653	229,684	8,146,467	6,902,676	15,278,827	8
6,022,912	4,324	8,472,470	1,127,714	110,950,503	18,868,510	130,946,727	9
6,935,102	6,440	11,443,469	810,312	99,667,103	32,807,509	133,284,924	10
19,566,472	16,644	25,450,961	2,396,047	98,326,213	64,783,043	165,505,303	11
1,059,504	676	1,289,074	120,986	4,827,220	2,805,352	7,753,558	12
1,326,864	676	1,733,844	834,307	19,339,300	6,646,775	26,820,382	13
38,096,855	21,703	48,273,015	2,888,534	84,223,731	106,999,669	194,111,934	14
1,359,346	964	2,010,899	816,568	12,616,693	4,136,379	17,569,640	15
6,161,388	3,267	7,662,318	2,753,831	88,031,106	22,725,610	113,510,547	16
13,864,021	8,959	17,127,448	322,921	53,617,566	53,136,323	107,076,810	17
1,718,436	1,500	2,423,115	152,287	42,233,705	4,530,640	46,916,632	18
888,509	664	1,521,468	116,347	4,833,917	5,279,952	10,230,216	19
177,533	111	276,940	9,055	5,146,100	595,678	5,750,833	20
202,776,763	140,785	264,371,792	28,153,454	1,172,108,404	702,724,107	1,902,985,965	
369,870	208	500,580	125,837	1,578,942	918,559	2,623,338	1
273,681	214	422,050	17,550	1,224,561	851,129	2,093,240	2
872,678	613	1,090,024	129,963	1,565,777	1,590,322	3,286,062	3
25,666,286	21,265	32,513,272	534,481	56,073,584	48,731,578	105,339,643	4
28,088,954	21,824	37,916,487	5,938,887	299,188,542	73,102,643	378,230,072	5
1,102,479	813	1,407,955	82,415	15,828,609	5,705,210	21,616,234	6
2,935,298	1,883	3,599,105	1,540,693	47,009,285	11,716,306	60,266,284	7
904,652	779	1,278,171	191,610	5,024,595	3,241,474	8,457,679	8
13,953,755	12,243	17,041,373	1,782,210	74,587,525	39,468,334	115,838,169	9
2,523,432	1,602	3,119,467	118,207	1,135,650	4,872,675	6,126,532	10
9,327,690	6,443	13,482,415	187,853	43,938,122	22,258,110	66,384,085	11
2,266,104	2,415	2,991,458	49,194	5,308,902	4,831,322	10,189,418	12
260,233	211	364,268	10,831	990,876	457,558	1,459,305	13
8,382,062	4,848	10,502,690	1,122,049	39,716,815	19,143,257	59,982,121	14
5,542,440	4,936	7,603,369	138,328	10,929,594	11,800,095	22,868,017	15
778,321	641	1,115,419	114,994	6,062,572	1,895,262	8,072,628	16
38,424,153	21,879	51,828,514	3,685,523	593,530,918	92,329,708	689,546,149	17
141,672,088	102,817	186,776,617	15,770,625	1,203,694,769	342,913,582	1,562,378,976	

9.—Establishments, Employees, Salaries and Wages, Power, Fuel,

	Province, Industry and Group	Estab- lish- ments	Employees on Salary			Employees on	
			Male	Female	Salaries	Male	Female
		No.	No.	No.	\$	No.	No.
3.—Textiles and Textile Products							
1	Awnings, tents and sails.....	101	231	98	753,656	538	498
2	Bags, cotton and jute.....	35	157	69	754,134	398	736
3	Batting and wadding.....	7	29	8	220,966	306	85
4	Carpets, mats and rugs.....	18	127	65	642,539	801	548
5	Clothing, men's factory.....	563	2,522	1,480	12,462,249	8,393	18,697
6	Clothing, women's factory.....	1,160	2,841	1,991	15,010,999	6,943	21,641
7	Clothing contractors, men's.....	157	260	50	763,158	1,147	2,888
8	Clothing contractors, women's.....	85	111	27	343,932	201	1,233
9	Cordage, rope and twine.....	10	114	50	574,215	846	460
10	Corsets.....	37	213	325	1,534,885	308	2,308
11	Cotton and wool waste.....	30	68	35	374,189	249	205
12	Cotton textiles, miscellaneous.....	121	294	141	1,272,536	408	1,593
13	Cotton thread.....	6	93	55	434,030	203	685
14	Cotton yarn and cloth.....	47	985	657	5,035,855	14,198	8,973
15	Dyeing and finishing of textiles.....	45	286	155	1,391,683	1,958	314
16	Flax fibre.....	27	44	5	107,517	235	1
17	Gloves and mittens, fabric.....	14	41	31	157,979	104	586
18	Hats and caps.....	164	451	264	2,246,598	1,780	2,219
19	Hosiery and knitted goods.....	271	1,546	1,213	8,008,179	7,907	16,968
20	Miscellaneous textiles.....	16	302	131	1,630,816	1,311	272
21	Narrow fabrics, laces, etc.....	41	201	147	919,149	838	895
22	Oiled and waterproofed clothing.....	13	33	32	158,083	99	207
23	Synthetic textiles and silk.....	45	1,314	649	5,808,237	9,298	4,836
24	Woollen cloth.....	90	593	340	3,024,216	5,109	3,853
25	Woollen goods, miscellaneous.....	38	175	88	1,061,797	1,616	435
26	Woollen yarn.....	58	286	168	1,395,411	2,058	2,328
27	All other industries.....	5	6	6	22,573	41	48
Totals, Textiles and Products.....		3,204	13,323	8,280	66,109,581	67,293	93,512
4.—Wood and Paper Products							
1	Beekeepers' and poultrymen's supplies.....	12	20	9	47,544	98	27
2	Boat building.....	238	330	53	594,437	1,157	29
3	Boxes and bags, paper.....	172	1,168	614	5,494,359	5,786	4,789
4	Boxes, wooden.....	189	377	95	1,076,105	3,585	422
5	Carriages, wagons and sleighs.....	55	96	12	205,079	430	4
6	Coffins and caskets.....	55	155	39	443,414	956	172
7	Cooperage.....	66	92	30	242,018	710	12
8	Engraving, stereotyping and electrotyping.....	114	574	314	2,821,942	2,568	718
9	Excelsior.....	10	20	7	61,488	107	27
10	Flooring, hardwood.....	25	119	46	477,228	1,351	20
11	Furniture.....	1,128	2,816	936	9,799,812	20,151	1,990
12	Lasts, trees and shoe findings.....	17	59	36	215,832	355	187
13	Lithographing.....	59	382	319	2,506,031	2,296	1,110
14	Miscellaneous paper products.....	205	961	599	4,487,536	4,139	2,784
15	Miscellaneous wooden products.....	357	595	149	1,639,703	2,626	583
16	Planing mills, sash and door factories.....	1,391	2,573	508	6,445,699	14,518	195
17	Printing and bookbinding.....	1,500	3,331	1,489	12,078,448	11,168	5,219
18	Printing and publishing.....	781	7,032	3,888	24,087,125	11,446	2,077
19	Pulp and paper.....	117	6,171	1,895	30,459,864	43,125	733
20	Refrigerators, other than electric.....	15	62	25	216,466	428	5
21	Roofing paper, etc.....	23	418	209	1,387,245	1,784	151
22	Sawmills.....	7,035	10,071	640	12,087,369	45,393	652
23	Trade composition.....	42	86	45	407,367	464	15
24	Veneer and plywood.....	44	366	133	1,625,739	4,599	1,237
25	Woodenware.....	38	69	15	160,720	560	179
26	Wood turning.....	84	178	54	504,395	1,313	166
27	All other industries.....	34	155	76	706,508	1,679	132
Totals, Wood and Paper Products.....		13,806	38,276	12,235	120,279,473	182,792	23,635
5.—Iron and its Products							
1	Agricultural implements.....	69	2,241	819	8,253,086	15,570	481
2	Aircraft and parts.....	11	1,848	557	6,935,128	5,480	164
3	Automobiles.....	11	3,105	1,141	14,500,808	20,272	185
4	Automobile parts.....	137	1,781	787	8,218,259	11,792	2,028
5	Bicycles.....	12	102	28	347,318	593	72
6	Boilers, tanks and platework.....	50	942	289	3,819,308	4,464	69
7	Bridge and structural steel work.....	27	1,255	310	5,410,019	5,810	32
8	Castings, iron.....	225	1,401	584	5,980,170	17,015	354
9	Hardware, tools and cutlery.....	287	1,545	897	6,763,665	10,155	2,068
10	Heating and cooking apparatus.....	92	795	385	3,053,882	6,796	216
11	Iron and steel products, miscellaneous.....	239	835	255	3,106,710	4,820	307
12	Machinery.....	339	4,674	2,024	18,504,946	21,940	1,325
13	Machine shops.....	514	1,187	269	3,391,563	4,212	71

Materials, and Values of Products of Manufacturing Industries, 1948—con.

Wages	Total Employees	Total Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Net Value of Products	Gross Value of Products	
Wages	No.	\$	\$	\$	\$	\$	
1,518,642	1,365	2,272,298	82,539	4,326,326	3,482,692	7,891,557	1
1,516,319	1,360	2,270,453	85,334	26,405,819	5,569,952	32,061,105	2
744,190	428	965,156	67,254	2,744,106	1,912,314	4,723,674	3
2,490,415	1,541	3,132,954	178,198	5,604,344	6,007,100	11,789,642	4
38,526,711	31,092	50,988,960	585,435	111,670,816	96,772,118	209,028,369	5
44,352,043	33,416	59,363,042	513,736	114,028,998	108,271,992	222,814,726	6
5,197,961	4,345	5,961,119	77,433	538,319	7,047,361	7,663,113	7
1,670,578	1,572	2,014,510	30,807	109,395	2,586,240	2,726,442	8
2,425,530	1,470	2,999,745	167,114	11,575,748	6,253,058	17,995,920	9
2,823,625	3,154	4,358,510	49,327	6,462,015	8,975,424	15,486,766	10
594,404	557	968,593	74,110	5,686,795	1,840,552	7,601,457	11
2,339,092	2,436	3,611,628	60,675	9,556,144	5,922,408	15,539,227	12
1,219,003	1,036	1,653,033	85,467	5,142,587	3,678,651	8,906,705	13
40,920,126	24,813	45,955,981	3,638,827	119,738,802	80,069,272	203,446,901	14
4,126,688	2,713	5,518,371	1,019,954	2,546,670	9,252,313	12,818,937	15
334,084	285	441,601	38,118	-	1,582,209	1,620,327	16
628,886	762	786,865	15,894	1,693,060	1,295,152	3,004,106	17
6,112,273	4,714	8,358,871	222,532	11,142,545	13,590,284	24,955,361	18
34,799,237	27,634	42,807,416	1,634,496	69,114,815	77,806,848	148,556,159	19
3,298,510	2,016	4,929,326	419,411	15,385,706	11,130,764	26,935,881	20
2,548,711	2,081	3,467,860	150,840	5,262,639	5,866,038	11,279,517	21
467,113	371	625,196	7,739	1,382,703	1,552,603	2,943,405	22
24,930,619	16,097	30,738,856	3,012,713	41,178,371	62,950,746	107,141,830	23
14,716,045	9,895	17,740,261	1,245,659	36,348,351	31,085,112	68,679,122	24
3,915,980	2,314	4,977,777	405,806	14,334,625	10,364,253	25,104,684	25
6,834,403	4,840	8,229,814	488,288	22,801,126	13,640,031	36,749,445	26
112,273	101	134,846	8,465	402,275	254,204	664,944	27
249,163,461	182,408	315,273,042	14,366,171	645,183,100	578,579,691	1,238,128,962	
156,982	154	204,526	12,439	324,772	492,567	829,778	1
1,937,422	1,569	2,531,859	91,633	2,105,347	3,213,346	5,410,326	2
17,071,409	12,357	22,565,768	791,738	63,924,456	41,509,793	106,225,987	3
6,031,680	4,479	7,107,785	259,185	10,961,800	11,754,835	22,975,820	4
692,145	542	897,224	40,685	1,201,448	1,581,814	2,823,947	5
1,655,743	1,322	2,099,157	87,314	2,912,908	3,375,414	6,375,636	6
1,238,126	844	1,480,144	71,446	3,216,919	2,257,032	5,545,397	7
8,494,132	4,174	11,316,074	215,668	4,047,471	16,051,067	20,314,206	8
191,189	161	252,677	17,773	278,314	419,615	715,702	9
2,847,082	1,536	2,824,310	159,686	6,188,598	5,470,127	11,818,411	10
37,866,884	25,893	47,666,696	1,612,015	64,188,875	76,441,875	142,242,765	11
814,094	637	1,029,926	30,323	736,463	1,632,767	2,399,553	12
7,163,427	4,107	9,669,458	163,631	12,299,499	16,696,898	29,160,028	13
11,977,323	8,483	16,464,859	783,349	53,381,153	38,476,156	92,640,658	14
4,844,611	3,953	6,484,314	259,410	10,330,344	10,454,898	21,044,622	15
24,033,269	17,794	30,478,968	1,515,105	75,571,314	50,484,256	127,570,675	16
29,869,550	21,207	41,947,998	984,909	38,564,261	69,429,038	108,978,208	17
30,493,776	24,443	54,580,901	1,361,488	41,207,416	103,644,865	146,213,769	18
121,202,897	51,924	151,662,761	63,843,111	349,244,083	412,770,470	825,857,664	19
782,475	520	998,941	24,131	1,331,070	1,612,140	2,967,341	20
3,836,995	2,562	5,224,240	592,461	16,897,504	14,827,311	32,317,276	21
82,978,307	56,756	95,065,676	3,763,106	208,568,170	196,936,196	409,267,472	22
1,166,179	610	1,573,546	27,544	265,852	2,386,307	2,679,703	23
10,903,308	6,335	12,529,047	408,986	20,217,437	28,582,153	49,208,576	24
950,271	823	1,110,991	59,134	1,106,402	1,456,128	2,621,664	25
2,184,235	1,711	2,688,630	94,606	3,002,236	3,794,765	6,891,607	26
3,493,810	2,042	4,200,318	473,727	21,768,180	8,646,364	30,888,271	27
414,377,321	256,938	534,656,794	77,744,603	1,013,842,292	1,124,398,167	2,215,985,062	
37,017,587	19,111	45,270,673	1,997,248	81,590,570	63,368,436	146,956,254	1
12,894,859	8,049	19,829,987	833,111	18,287,931	26,479,130	45,600,172	2
53,976,913	24,703	68,477,721	2,701,265	249,754,235	145,601,075	398,056,575	3
31,008,111	16,388	39,226,370	2,341,108	70,004,484	67,722,822	140,068,414	4
1,333,753	795	1,681,071	103,603	2,465,486	2,789,223	5,358,312	5
11,106,260	5,764	14,925,568	722,212	17,406,493	26,673,580	44,802,285	6
13,755,384	7,407	19,165,403	847,392	29,527,341	35,854,902	66,229,635	7
40,407,770	19,354	46,387,940	3,318,540	49,005,345	71,414,808	123,738,693	8
24,945,212	14,665	31,708,877	1,676,248	26,632,705	59,356,720	87,665,673	9
14,773,892	8,192	17,822,774	838,935	20,967,842	31,382,957	53,189,734	10
10,555,633	6,217	13,662,343	1,315,882	16,517,617	23,484,852	41,318,351	11
51,018,898	29,963	69,523,844	2,484,110	86,362,337	143,759,382	232,605,829	12
8,392,783	5,739	11,784,346	532,222	7,408,816	17,404,168	25,345,206	13

9.—Establishments, Employees, Salaries and Wages, Power, Fuel,

	Province, Industry and Group	Estab- lish- ments	Employees on Salary			Employees on	
			Male	Female	Salaries	Male	Female
			No.	No.	No.	\$	No.
5.—Iron and its Products—concluded							
14	Primary iron and steel.....	55	2,238	811	9,946,211	26,056	262
15	Railway rolling-stock.....	38	1,910	241	6,551,270	29,118	102
16	Sheet metal products.....	264	1,954	815	7,665,697	12,521	2,056
17	Shipbuilding and repairs.....	76	1,406	444	5,373,092	16,420	129
18	Wire and wire goods.....	102	812	395	3,581,716	5,043	696
Totals, Iron and Its Products.....		2,548	30,031	11,051	121,492,848	218,077	10,617
6.—Non-ferrous Metal Products							
1	Aluminum products.....	72	809	458	2,892,972	3,946	391
2	Brass and copper products.....	168	1,202	536	5,417,294	7,877	1,046
3	Electrical apparatus and supplies.....	314	8,014	3,883	32,920,480	30,408	11,568
4	Jewellery, electro-plated ware, etc.....	179	564	365	2,625,871	3,248	1,633
5	Miscellaneous non-ferrous metal products.....	20	141	110	706,426	517	185
6	Non-ferrous metal smelting and refining.....	17	2,350	508	8,917,548	16,785	58
7	White metal alloys.....	47	416	188	1,779,945	2,217	498
Totals, Non-ferrous Metal Products.....		817	13,496	6,048	55,260,536	64,998	15,379
7.—Non-metallic Mineral Products							
1	Abrasive products.....	16	319	184	1,423,768	2,017	137
2	Asbestos products.....	15	199	57	687,772	660	104
3	Cement.....	8	114	9	346,453	1,589	11
4	Cement products.....	369	564	112	1,430,763	3,054	30
5	Clay products from domestic clay.....	117	160	36	574,250	3,403	147
6	Clay products from imported clay.....	38	180	75	741,921	1,532	501
7	Coke and gas products.....	31	854	361	3,251,480	3,960	8
8	Glass products.....	95	543	268	2,153,407	4,268	839
9	Gypsum products.....	10	67	7	207,387	849	28
10	Lime.....	42	72	13	259,675	1,025	11
11	Miscellaneous non-metallic mineral products.....	58	227	68	835,028	955	103
12	Petroleum products.....	44	1,456	295	5,425,894	6,660	84
13	Salt.....	11	63	19	198,349	546	45
14	Sand-lime brick.....	5	12	1	42,984	188	5
15	Stone, monumental and ornamental.....	150	290	53	906,227	1,491	28
Totals, Non-metallic Mineral Products.....		1,009	5,120	1,558	18,485,358	32,197	2,081
8.—Chemicals and Allied Products							
1	Acids, alkalies and salts.....	29	861	226	3,699,406	4,754	48
2	Adhesives.....	25	116	74	524,393	552	29
3	Coal tar distillation.....	11	57	26	233,272	295	2
4	Fertilizers.....	33	541	123	2,011,006	2,492	13
5	Gases, compressed.....	45	285	213	1,098,414	653	5
6	Inks, printing and writing.....	32	133	88	721,454	381	40
7	Medicinal and pharmaceutical preparations.....	215	1,367	1,198	7,334,334	2,525	2,551
8	Miscellaneous chemical products.....	202	1,266	611	5,126,303	3,810	955
9	Paints and varnishes.....	114	1,278	649	5,128,642	3,187	444
10	Plastics, primary.....	12	295	69	908,215	750	35
11	Polishes and dressings.....	53	168	145	746,477	236	174
12	Soaps, washing compounds, etc.....	149	810	400	3,438,536	1,683	458
13	Toilet preparations.....	90	222	321	1,322,839	370	745
14	Vegetable oil mills.....	16	150	46	525,860	620	3
Totals, Chemicals and Allied Products.....		1,026	7,549	4,189	32,879,151	22,308	5,502
9.—Miscellaneous Industries							
1	Artificial flowers and feathers.....	36	65	40	233,877	158	447
2	Automobile accessories, fabric.....	9	86	47	373,039	283	332
3	Brooms, brushes and mops.....	84	345	172	1,384,386	1,236	557
4	Buttons.....	31	144	111	825,615	684	905
5	Candles.....	13	45	28	164,900	111	75
6	Fountain pens and pencils.....	12	193	169	751,768	389	497
7	Ice, artificial.....	61	102	41	329,598	679	5
8	Lamps, electric, etc. and lamp shades.....	44	95	58	368,890	380	372
9	Miscellaneous, including jewellery cases, etc.....	11	21	38	137,066	161	154
10	Musical instruments.....	26	129	55	475,660	848	76
11	Pipes, lighters and other smokers' supplies.....	12	37	15	170,961	143	138
12	Plastic products, fabricated.....	79	348	173	1,187,617	1,030	1,040
13	Scientific and professional equipment.....	81	388	296	1,985,471	1,866	1,241
14	Signs, electric, neon and other.....	44	166	70	719,411	853	32
15	Sporting goods.....	60	198	122	805,143	785	418
16	Stamps and stencils, rubber and metal.....	44	105	47	382,846	338	70
17	Statuary, art goods and novelties.....	95	155	69	469,206	363	367
18	Toys and games.....	45	110	48	400,795	427	501
19	Typewriter supplies.....	8	73	45	317,449	171	83
20	Umbrellas.....	7	28	14	102,273	30	116
Totals, Miscellaneous Industries.....		802	2,833	1,658	11,585,971	10,940	7,426
Grand Totals, All Industries.....		33,447	141,082	57,197	532,702,476	738,956	218,771

Materials, and Values of Products of Manufacturing Industries, 1948—concl.

Wages	Total Employees	Total Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Net Value of Products	Gross Value of Products	
Wages	No.	\$	\$	\$	\$	\$	
67,411,549	29,367	77,357,760	24,111,139	132,779,063	125,276,948	282,167,150	14
71,310,580	31,371	77,861,850	4,626,351	127,092,740	105,663,801	237,382,892	15
29,442,891	17,346	37,108,588	1,909,667	81,134,995	69,516,241	152,560,903	16
39,625,352	18,399	44,998,444	1,701,728	38,999,154	66,082,386	106,783,268	17
12,573,439	6,946	16,155,155	1,135,590	20,957,865	41,854,232	63,947,687	18
531,550,866	269,776	652,953,714	53,196,351	1,076,895,019	1,123,685,663	2,253,777,933	
8,723,930	5,604	11,616,902	1,001,675	22,080,321	23,715,440	46,797,436	1
18,833,761	10,661	24,251,055	1,822,927	79,921,765	40,637,792	122,382,484	2
89,193,164	53,873	122,113,644	4,046,490	180,344,829	241,333,960	425,725,279	3
8,921,123	5,810	11,546,994	279,463	22,254,331	19,645,349	42,179,143	4
1,398,467	953	2,104,893	53,165	3,404,520	3,755,652	7,213,337	5
43,359,289	19,701	52,276,837	36,288,387	393,264,689	146,830,891	576,383,967	6
5,201,990	3,319	6,981,935	688,113	35,312,992	13,640,682	49,641,787	7
175,631,724	99,921	230,892,260	44,180,220	736,583,447	489,559,766	1,270,323,433	
5,638,434	2,657	7,062,202	2,420,298	11,565,326	19,526,725	33,512,349	1
1,525,898	1,020	2,213,670	363,756	4,271,225	3,444,842	8,079,823	2
4,009,633	1,723	4,356,086	7,158,156	5,699,042	17,704,519	30,561,717	3
5,469,086	3,760	6,899,489	1,068,685	11,032,085	14,085,643	26,186,413	4
6,931,515	3,746	7,505,765	3,481,413	545,190	13,062,445	17,629,048	5
4,055,037	2,288	4,796,958	722,085	2,825,026	8,816,623	12,363,734	6
9,452,902	5,183	12,704,382	8,215,089	54,885,797	33,992,808	97,027,694	7
10,343,288	5,948	12,496,695	3,098,019	15,100,702	22,165,707	40,364,428	8
1,769,146	951	1,976,533	644,094	7,055,419	6,487,201	14,186,714	9
2,199,624	1,121	2,459,299	3,117,667	672,566	7,284,638	11,074,871	10
2,279,289	1,353	3,114,317	1,116,095	7,663,103	8,578,910	17,358,108	11
16,636,065	8,495	22,061,959	17,647,638	314,149,364	63,137,198	394,934,200	12
1,169,004	673	1,367,353	822,066	1,240,616	3,765,785	5,828,467	13
397,832	206	440,816	82,222	360,266	1,009,878	1,452,366	14
3,220,611	1,862	4,126,838	578,391	4,547,067	8,424,828	13,550,286	15
75,097,364	40,956	93,582,722	50,535,674	441,612,794	231,961,750	724,110,218	
11,649,035	5,889	15,348,441	7,752,660	22,551,999	40,295,557	76,600,246	1
1,305,210	771	1,829,603	356,191	4,701,297	3,602,723	8,660,211	2
648,635	380	881,907	542,630	5,076,131	2,458,486	8,077,247	3
6,004,650	3,169	8,015,656	2,227,565	30,043,381	31,715,481	63,986,427	4
1,514,869	1,152	2,613,283	404,455	2,180,518	8,729,414	11,314,387	5
990,082	646	1,711,536	72,214	3,834,263	4,381,103	8,287,580	6
8,080,361	7,641	15,414,695	694,489	26,576,177	44,443,608	71,714,274	7
9,107,334	6,642	14,233,637	3,507,902	44,058,478	33,516,031	81,082,411	8
7,212,692	5,555	12,341,334	616,688	44,436,957	36,224,946	81,278,591	9
1,802,314	1,149	2,770,529	331,932	7,630,498	8,478,317	16,440,747	10
658,737	723	1,405,214	68,841	5,182,670	4,828,947	10,080,458	11
4,686,380	3,351	8,124,916	895,339	38,839,732	27,851,920	67,586,991	12
1,426,730	1,658	2,749,569	70,163	6,538,843	10,435,560	17,044,566	13
1,359,591	819	1,885,451	426,314	51,390,930	11,856,129	63,673,373	14
56,446,620	39,548	89,325,771	17,967,413	293,041,874	268,818,222	579,872,509	
654,319	710	888,196	16,427	888,275	1,444,082	2,348,784	1
1,062,254	753	1,435,293	37,513	2,903,188	2,675,084	5,615,785	2
2,597,455	2,310	3,981,841	127,297	6,188,839	7,302,497	13,618,633	3
2,548,066	1,844	3,373,681	69,301	3,078,233	5,888,891	9,036,425	4
247,028	259	411,928	26,331	1,014,641	1,160,529	2,201,501	5
1,396,359	1,248	2,148,127	45,149	2,682,930	3,695,583	6,242,662	6
1,365,843	827	1,695,441	399,227	130,095	4,485,779	5,015,101	7
989,213	905	1,358,103	35,934	2,048,504	2,530,630	4,615,068	8
455,927	374	592,993	17,652	625,978	924,242	1,567,872	9
1,559,827	1,108	2,035,487	86,181	1,666,956	3,077,433	4,830,570	10
418,339	333	589,300	14,034	1,016,661	1,918,213	2,948,908	11
2,935,075	2,591	4,122,692	175,466	5,604,354	8,717,086	14,496,906	12
6,680,688	3,791	8,666,159	246,218	10,604,599	15,657,407	26,508,224	13
1,862,433	1,121	2,581,844	111,320	1,724,668	4,774,716	6,610,704	14
2,028,077	1,523	2,833,216	87,123	3,097,196	3,734,423	6,918,742	15
718,633	560	1,101,479	27,207	2,207,056	1,730,171	2,277,434	16
934,585	954	1,403,791	36,982	1,412,784	2,318,583	3,768,349	17
1,329,918	1,086	1,730,713	37,962	2,313,113	3,111,152	5,462,227	18
443,277	372	760,726	25,043	1,729,542	1,960,323	3,714,908	19
163,796	188	266,069	2,316	669,317	621,418	1,293,051	20
30,391,108	22,857	41,977,079	1,624,653	49,919,929	77,728,242	129,272,854	
1,877,107,315	1,156,006	2,409,809,791	303,539,194	6,632,881,628	4,940,369,190	11,876,790,012	

Subsection 2.—Manufactures Classified on the Standard Classification Basis

To provide information of maximum usefulness and to allow for a direct comparison of statistics collected by many government departments and agencies, an interdepartmental committee was set up in 1945 to review the different systems of classification in use and to recommend a standard classification to be used by all government departments in their statistical compilations.

Tables 10 and 11 give statistics for 1945 to 1948 of the manufacturing industries on the standard classification basis recommended by the committee. This classification conforms in large measure to that now recommended by the United Nations Statistical Commission.

10.—Principal Statistics of the Manufacturing Industries, Classified on the Standard Classification Basis, 1945-48

Year and Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1945						
Food and beverages.....	8,872	156,396	224,908,882	1,336,820,028	558,247,045	1,921,774,601
Tobacco and tobacco products.....	86	12,164	15,738,041	79,176,519	42,985,992	122,543,932
Rubber products.....	55	23,490	39,111,477	78,500,892	98,836,225	181,413,226
Leather products.....	706	34,123	43,268,635	95,006,015	71,297,713	167,888,463
Textile products (except clothing).....	655	65,388	87,454,497	213,589,559	163,973,427	385,741,605
Clothing (textile and fur).....	2,676	99,959	131,478,496	251,899,847	222,307,384	476,754,319
Wood products.....	7,656	93,209	119,833,932	240,482,275	208,979,657	454,447,165
Paper products.....	475	60,819	109,627,174	255,265,326	241,121,150	536,859,861
Printing, publishing and allied trades.....	2,312	43,565	74,257,775	52,655,848	132,385,988	186,945,134
Iron and steel products.....	1,903	169,278	313,966,173	395,624,098	527,473,688	952,482,150
Transportation equipment.....	504	154,844	326,748,794	498,241,686	523,910,119	1,034,666,913
Non-ferrous metal products.....	436	44,221	81,889,942	337,872,041	180,653,076	548,853,026
Electrical apparatus and sup- plies.....	247	44,129	76,468,795	92,041,030	135,919,899	230,531,874
Non-metallic mineral prod- ucts.....	700	20,269	32,959,877	41,488,955	76,318,456	130,704,796
Products of petroleum and coal.....	80	11,532	22,904,418	188,899,911	65,637,131	270,166,984
Chemical products.....	986	61,339	107,050,824	228,855,956	252,944,165	498,630,798
Miscellaneous.....	701	24,647	38,105,717	87,248,861	61,324,784	149,964,019
Totals, 1945.....	29,050	1,119,372	1,845,773,449	4,473,668,847	3,564,315,899	8,250,368,866
1946						
Food and beverages.....	8,862	160,821	241,769,865	1,408,818,069	604,120,647	2,040,708,650
Tobacco and tobacco products.....	95	10,849	14,410,558	79,255,405	39,981,625	119,634,216
Rubber products.....	60	22,055	37,813,363	62,135,578	93,451,248	159,408,113
Leather products.....	776	37,290	49,712,628	108,702,945	82,319,495	192,749,456
Textile products (except clothing).....	711	66,784	94,741,779	214,516,314	177,323,833	400,075,422
Clothing (textile and fur).....	2,988	105,868	146,265,152	285,568,957	263,018,398	551,331,576
Wood products.....	8,846	105,472	142,338,538	297,923,979	256,436,946	560,341,251
Paper products.....	486	67,442	134,320,546	313,410,656	333,819,710	695,085,534
Printing, publishing and allied trades.....	2,404	48,950	86,433,880	65,501,698	154,951,731	222,548,636
Iron and steel products.....	2,086	151,373	279,567,770	337,981,814	461,501,765	824,766,017
Transportation equipment.....	539	100,745	200,087,765	301,206,839	279,333,127	590,128,311
Non-ferrous metal products.....	474	40,855	75,855,699	311,082,975	148,492,336	484,618,453
Electrical apparatus and sup- plies.....	266	43,998	74,510,479	101,939,272	129,968,926	234,572,653
Non-metallic mineral prod- ucts.....	833	24,387	39,651,286	49,957,966	94,591,439	160,476,827
Products of petroleum and coal.....	77	12,106	24,197,354	190,527,903	79,046,757	286,007,855
Chemical products.....	1,031	38,012	67,842,339	179,749,719	208,399,498	401,741,703
Miscellaneous.....	715	21,149	31,158,253	49,954,677	60,247,499	111,497,798
Totals, 1946.....	31,249	1,058,156	1,740,687,254	4,358,234,766	3,467,004,980	8,035,692,471

10.—Principal Statistics of the Manufacturing Industries, Classified on the Standard Classification Basis, 1945-48—concluded

Year and Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1947						
Food and beverages.....	8,869	167,865	276,245,015	1,656,529,086	695,092,932	2,383,975,675
Tobacco and tobacco products.....	91	10,880	16,234,772	97,121,002	49,221,094	146,793,011
Rubber products.....	60	23,475	46,613,893	82,934,625	110,673,007	196,307,734
Leather products.....	792	35,724	52,628,612	123,894,474	86,646,061	212,430,165
Textile products (except clothing).....	735	73,189	114,913,677	287,310,410	212,555,751	509,518,668
Clothing (textile and fur).....	3,121	110,329	166,951,727	311,018,817	300,527,093	614,594,703
Wood products.....	9,744	120,434	186,467,946	398,854,196	365,050,223	771,403,332
Paper products.....	502	73,445	168,632,394	410,456,570	443,374,435	911,238,813
Printing, publishing and allied trades.....	2,458	52,096	101,611,652	82,585,466	178,667,051	263,632,152
Iron and steel products.....	2,200	162,399	334,044,246	451,289,335	580,342,444	1,064,654,410
Transportation equipment.....	562	104,348	230,898,680	426,573,091	366,151,761	803,611,372
Non-ferrous metal products.....	503	43,344	91,046,568	434,517,197	201,162,856	668,074,514
Electrical apparatus and supplies.....	296	52,736	103,891,016	162,131,266	200,859,040	366,506,203
Non-metallic mineral prod- ucts.....	863	26,443	50,456,143	66,266,546	115,277,990	201,786,910
Products of petroleum and coal.....	80	12,769	28,689,932	257,420,851	84,073,746	361,333,008
Chemical products.....	1,046	39,237	78,993,517	238,310,157	234,056,973	488,307,293
Miscellaneous.....	812	23,037	37,606,176	47,066,930	68,323,345	116,858,617
Totals, 1947.....	32,734	1,131,750	2,085,925,966	5,534,280,019	4,292,055,802	10,081,026,580
1948						
Food and beverages.....	8,686	168,893	311,235,818	2,034,844,290	766,434,971	2,839,531,142
Tobacco and tobacco products.....	79	10,459	19,550,563	95,851,271	57,666,963	153,993,442
Rubber products.....	56	21,703	48,273,015	84,223,731	106,999,669	194,111,934
Leather products.....	757	34,291	55,122,863	114,819,233	86,947,703	203,758,501
Textile products (except clothing).....	740	75,348	140,008,553	329,400,434	260,681,669	600,950,875
Clothing (textile and fur).....	3,100	115,105	191,866,371	361,216,438	345,028,807	709,688,704
Wood products.....	10,495	124,306	214,741,924	428,913,571	401,401,795	839,045,068
Paper products.....	522	75,980	197,397,810	485,237,427	509,993,037	1,061,359,087
Printing, publishing and allied trades.....	2,496	54,541	119,087,977	96,384,499	208,208,175	307,345,914
Iron and steel products.....	2,263	170,071	400,878,271	570,290,989	709,347,226	1,320,527,400
Transportation equipment.....	587	102,569	256,939,819	512,814,013	421,808,681	947,099,691
Non-ferrous metal products.....	503	46,048	108,778,616	556,238,618	248,225,806	844,598,154
Electrical apparatus and sup- plies.....	314	53,873	122,113,644	180,344,829	241,333,960	425,725,279
Non-metallic mineral prod- ucts.....	934	27,278	58,816,381	72,577,633	134,897,744	232,148,324
Products of petroleum and coal.....	75	13,678	34,766,341	369,035,161	97,064,006	491,961,894
Chemical products.....	1,026	39,548	89,325,771	293,041,874	268,818,222	579,827,509
Miscellaneous.....	814	22,315	40,906,054	48,007,617	75,510,756	125,116,374
Totals, 1948.....	33,447	1,156,006	2,409,809,791	6,632,881,628	4,940,369,190	11,876,790,012

11.—Principal Statistics of Individual Manufacturing Industries, Classified on the Standard Classification Basis, 1948

Group and Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Food and Beverages.....	8,686	168,893	311,235,818	2,034,844,290	766,434,971	2,839,531,142
Meat Products.....	219	22,728	53,444,513	601,172,232	95,143,529	700,242,115
Animal oils and fats.....	9	208	500,580	1,578,942	918,559	2,623,338
Sausage and sausage casings.....	70	641	1,115,419	6,062,372	1,895,262	8,072,628
Slaughtering and meat- packing.....	140	21,879	51,828,514	593,530,918	92,329,708	689,546,149
Dairy Products.....	2,090	25,299	44,201,718	367,051,031	93,765,633	468,570,269
Butter and cheese.....	1,951	21,824	37,916,487	299,188,542	73,102,643	378,230,072
Cheese, processed.....	21	813	1,407,955	15,828,609	5,705,210	21,616,234
Condensed milk.....	37	1,883	3,599,105	47,009,285	11,716,306	60,266,284
Other dairy products.....	81	779	1,278,171	5,024,595	3,241,474	8,457,679

11.—Principal Statistics of Individual Manufacturing Industries, Classified on the Standard Classification Basis, 1948—continued

Group and Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Food and Beverages—conc.						
Fruit, Vegetable and Fish Processing	1,099	23,887	42,492,334	172,913,838	104,251,377	281,343,472
Fish curing and packing	600	12,243	17,041,373	74,587,625	39,468,334	115,838,169
Fruit and vegetable preparations	499	16,644	25,450,961	98,326,213	64,783,043	165,505,303
Grain Mill Products	1,262	12,588	24,898,774	388,346,406	65,065,265	456,994,254
Flour and feed mills	924	7,124	14,055,651	269,249,436	39,294,079	310,768,700
Foods, breakfast	20	1,140	2,370,653	8,146,467	6,902,676	15,278,827
Feeds, stock and poultry	318	4,324	8,472,470	110,950,503	18,868,510	130,946,727
Bakery Products	2,908	37,214	62,349,298	120,279,724	112,385,699	239,342,761
Biscuits and crackers	49	5,671	8,941,938	25,895,963	24,884,774	51,409,428
Bread and other bakery products	2,859	31,543	53,407,360	94,383,761	87,500,925	187,933,333
Beverages	565	19,967	44,205,209	99,057,404	180,751,271	285,662,124
Aerated and mineral waters	458	6,683	12,014,843	24,809,777	40,715,736	67,047,725
Breweries	61	8,407	21,252,568	34,995,002	89,783,407	126,939,136
Distilleries	18	4,213	9,416,330	34,418,708	44,972,176	81,445,407
Wine	28	664	1,521,468	4,833,917	5,279,952	10,230,216
Miscellaneous Foods	543	22,210	39,643,972	286,023,655	115,072,197	407,376,147
Confectionery, cocoa, etc.	196	10,076	15,227,428	56,396,133	45,354,894	102,686,263
Macaroni, vermicelli, etc.	17	676	1,289,074	4,827,220	2,805,352	7,753,558
Malt mills	13	676	1,733,844	19,339,300	6,646,775	26,820,382
Starch and glucose	10	964	2,010,899	12,616,693	4,136,379	17,569,640
Sugar refineries	11	3,267	7,662,318	88,031,106	22,725,610	113,510,547
Miscellaneous	296	6,551	11,720,409	104,813,203	33,403,187	139,035,757
Tobacco and Tobacco Products	79	10,459	19,550,563	95,851,271	57,666,963	153,993,442
Tobacco, cigars and cigarettes	62	8,959	17,127,448	53,617,566	53,136,323	107,076,810
Tobacco processing and packing	17	1,500	2,423,115	42,233,705	4,530,640	46,916,632
Rubber Products (including footwear)	56	21,703	48,273,015	84,223,731	106,999,669	194,111,934
Leather Products	757	34,291	55,122,863	114,819,233	86,947,703	203,758,501
Belting, leather	14	214	422,050	1,224,561	851,129	2,093,240
Boots and shoes, leather	292	21,265	32,513,272	5,073,584	48,731,578	105,339,643
Boot and shoe findings, leather	24	613	1,090,024	1,565,777	1,590,322	3,286,062
Gloves and mittens, leather	81	2,415	2,991,458	5,308,902	4,831,322	10,189,418
Leather tanneries	73	4,848	10,502,690	39,716,815	19,143,257	59,982,121
Miscellaneous leather goods	273	4,936	7,603,369	10,929,594	11,800,095	22,868,017
Textile Products (except clothing)	740	75,348	140,008,553	329,040,434	260,681,669	600,950,875
Cotton Goods	211	29,270	53,154,391	142,868,434	93,423,197	240,217,964
Cotton thread	6	1,036	1,653,033	5,142,587	3,678,651	8,906,705
Cotton yarn and cloth	47	24,813	45,955,981	119,738,802	80,069,272	203,446,901
Cotton batting and wadding	7	428	965,156	2,744,106	1,912,314	4,723,674
Cotton and wool waste	30	557	968,593	5,686,795	1,840,552	7,601,457
Cotton goods, mis.	121	2,436	3,611,628	9,556,144	5,922,408	15,539,227
Woolen Goods	204	18,590	34,080,806	79,088,446	60,916,496	142,322,893
Carpets, mats and rugs	18	1,541	3,132,954	5,604,344	6,007,100	11,789,642
Woolen cloth	90	9,895	17,740,261	36,348,351	31,085,112	68,679,122
Woolen yarn	58	4,840	8,229,814	22,801,126	13,460,031	36,749,445
Woolen goods, mis.	38	2,314	4,977,777	14,334,625	10,364,253	25,104,684
Synthetic Textiles and silk	45	16,097	30,738,856	41,178,371	62,950,746	107,141,830
Other Primary Textiles	86	4,794	8,986,231	7,809,309	15,118,351	24,098,454
Dyeing and finishing of textiles	45	2,713	5,518,371	2,546,670	9,252,313	12,818,937
Narrow fabrics	41	2,081	3,467,860	5,262,639	5,866,038	11,279,517

11.—Principal Statistics of Individual Manufacturing Industries, Classified on the Standard Classification Basis, 1948—continued

Group and Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Textile Products (except clothing) con.						
Miscellaneous Textile Products	194	6,597	13,048,269	58,095,874	28,272,879	87,169,734
Awnings, tents and sails.....	101	1,865	2,272,298	4,326,326	3,482,692	7,891,557
Cordage, rope and twine.....	10	1,470	2,999,745	11,575,748	6,253,058	17,995,920
Cotton and jute bags.....	35	1,360	2,270,453	26,405,819	5,569,952	32,061,305
Flax products.....	27	285	441,601		1,582,209	1,620,327
Linen goods.....	5	101	134,846	402,275	254,204	664,944
Other.....	16	2,016	4,929,326	15,385,706	11,130,764	26,935,881
Clothing (Textile and Fur)	3,100	115,105	191,866,371	361,216,438	345,028,807	709,688,704
Men's, Women's and Children's Clothing	1,965	70,425	118,327,631	226,347,528	214,677,711	442,232,650
Men's, factory.....	563	31,092	50,988,960	111,670,816	96,772,118	209,028,369
Women's, factory.....	1,160	33,416	59,363,042	114,028,998	108,271,992	222,814,726
Contractors, men's.....	157	4,345	5,961,119	538,319	7,047,361	7,663,113
Contractors, women's.....	85	1,572	2,014,510	109,395	2,586,240	2,726,442
Hosiery and knitted goods	271	27,634	42,807,416	69,114,815	77,806,848	148,556,159
Miscellaneous Clothing	864	17,046	30,731,324	65,754,095	52,544,248	118,899,895
Corsets.....	37	3,154	4,358,510	6,462,015	8,975,424	15,486,766
Fur goods.....	615	6,443	13,482,415	43,938,122	22,258,110	66,384,085
Fur dressing and dyeing.....	21	1,602	3,119,467	1,135,650	4,872,675	6,126,532
Gloves and mittens, fabric.....	14	762	786,865	1,693,060	1,295,152	3,004,106
Hats and caps.....	164	4,714	8,353,871	11,142,545	13,590,284	24,955,361
Oiled and waterproofed clothing.....	13	371	625,196	1,382,703	1,552,603	2,943,045
Wood Products	10,495	124,306	214,741,924	428,913,571	401,401,795	839,045,068
Saw and Planing Mills	8,495	82,421	149,898,001	319,545,519	281,472,732	597,865,134
Flooring, hardwood.....	25	1,536	2,824,310	6,188,598	5,470,127	11,818,411
Planing mills, sash and door factories.....	1,391	17,794	30,478,963	75,571,314	50,484,256	127,570,675
Veneer and plywood.....	44	6,335	12,529,047	20,217,437	28,582,153	49,208,576
Sawmills.....	7,035	56,756	95,065,676	208,568,170	196,936,196	409,267,472
Furniture	1,128	25,891	47,666,696	64,188,875	76,441,875	142,242,765
Miscellaneous Wood Products	872	15,992	26,177,227	54,179,177	43,487,188	98,937,169
Beekeepers' and poultrymen's supplies.....	12	154	204,526	324,772	492,567	829,778
Boxes and baskets, wooden.....	189	4,479	7,107,785	10,961,800	11,754,835	22,975,820
Coffins and caskets.....	55	1,322	2,099,157	2,912,903	3,375,414	6,375,636
Cooperage.....	66	844	1,480,144	3,216,919	2,257,032	5,545,397
Excelsior.....	10	161	252,677	278,314	419,615	715,702
Lasts, trees and other shoe findings.....	17	637	1,029,926	736,463	1,632,767	2,399,553
Refrigerators, other than electric.....	15	520	993,941	1,331,070	1,612,140	2,967,341
Woodenware.....	33	823	1,110,991	1,106,402	1,456,128	2,621,684
Wood turning.....	84	1,711	2,688,630	3,002,236	3,794,765	6,891,607
Miscellaneous wood products.....	386	5,341	9,204,450	30,303,293	16,691,925	47,614,671
Paper Products	522	75,980	197,397,810	485,237,427	509,993,037	1,061,359,807
Boxes and bags, paper.....	172	12,357	22,565,768	63,924,456	41,509,793	106,225,987
Pulp and paper.....	117	51,924	151,662,761	349,244,083	412,770,470	825,857,664
Roofing paper, wallboard, etc.....	23	2,562	5,224,240	16,897,504	14,827,311	32,317,276
Miscellaneous paper products.....	210	9,137	17,945,041	55,171,384	40,885,463	96,958,880
Printing, Publishing and Allied Trades	2,496	54,541	119,087,977	96,384,499	208,208,175	307,345,914
Engraving, stereotyping and electrotyping.....	114	4,174	11,316,074	4,047,471	16,051,067	20,314,206
Lithographing.....	59	4,107	9,669,458	12,299,499	16,696,898	29,160,028
Printing and bookbinding.....	1,500	21,207	41,947,998	38,584,261	69,429,038	108,978,028
Printing and publishing.....	781	24,443	54,580,901	41,207,416	103,644,865	146,213,769
Trade composition.....	42	610	1,573,546	265,852	2,386,307	2,679,703

11.—Principal Statistics of Individual Manufacturing Industries, Classified on the Standard Classification Basis, 1948—continued

Group and Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Iron and Steel Products.....	2,263	170,071	400,878,271	570,290,989	709,347,226	1,320,527,400
Agricultural implements.....	69	19,111	45,270,673	81,590,470	63,368,436	146,956,254
Boilers and plate work.....	50	5,764	14,925,568	17,406,493	26,673,580	44,802,285
Bridge and structural steel work.....	27	7,407	19,165,403	29,527,341	35,854,902	66,229,635
Castings and forgings.....	225	19,354	46,387,940	49,005,345	71,414,808	123,738,693
Hardware tools and cutlery...	287	14,665	31,708,877	26,632,705	59,356,720	87,665,673
Heating and cooking appara- tus.....	92	8,192	17,827,774	20,967,842	31,382,957	53,189,734
Machinery.....	339	29,963	69,523,844	86,362,337	143,759,382	232,605,829
Machine shops.....	514	5,739	11,784,346	7,408,816	17,404,168	25,345,206
Primary iron and steel.....	55	29,367	77,357,760	132,779,063	125,276,948	282,167,150
Sheet metal products.....	264	17,346	37,108,588	81,134,995	69,516,241	152,560,903
Wire and wire goods.....	102	6,946	16,155,155	20,957,865	41,854,232	63,947,687
Miscellaneous iron products...	239	6,217	13,662,343	16,517,617	23,484,852	41,318,351
Transportation Equipment..	587	102,569	256,939,819	512,814,013	421,808,681	947,099,691
Aircraft.....	11	8,049	19,829,987	18,287,931	26,479,130	45,600,172
Automobiles.....	11	24,703	68,477,721	249,754,235	145,601,075	398,056,575
Automobile parts and supplies	137	16,388	39,226,370	70,004,484	67,722,822	140,068,414
Automobile accessories, fabric	9	753	1,435,293	2,903,188	2,675,084	5,615,785
Bicycles.....	12	795	1,681,071	2,465,486	2,789,223	5,358,312
Boats and canoes.....	238	1,569	2,531,859	2,105,347	3,213,346	5,410,326
Carriages, wagons, and sleighs	55	542	897,224	1,201,448	1,581,814	2,823,947
Railway rolling-stock.....	38	31,371	77,861,850	127,092,740	105,663,801	237,382,892
Shipbuilding and repairs.....	76	18,399	44,998,444	38,999,154	66,082,386	106,783,268
Non-Ferrous Metal Products.	503	46,048	108,778,616	556,238,618	248,225,806	844,598,154
Aluminum products.....	72	5,604	11,616,902	22,080,321	23,715,440	46,797,436
Brass and copper products....	168	10,661	24,251,055	79,921,765	40,637,792	122,382,484
Jewellery, electro-plated ware, etc.....	179	5,810	11,546,994	22,254,331	19,645,349	42,179,143
Non-ferrous metal smelting and refining.....	17	19,701	52,276,837	393,264,689	146,830,891	576,383,967
White metal alloys.....	47	3,319	6,981,935	35,312,992	13,640,682	49,641,787
Miscellaneous non-ferrous metal products.....	20	953	2,104,893	3,404,520	3,755,652	7,213,337
Electrical Apparatus and Supplies.....	314	53,873	122,113,644	180,344,829	241,333,960	425,725,279
Non-metallic Mineral Pro- ducts.....	934	27,278	58,816,381	72,577,633	134,897,744	232,148,324
Abrasive products.....	16	2,657	7,062,202	11,565,326	19,526,725	33,512,349
Asbestos products.....	15	1,020	2,213,670	4,271,225	3,444,842	8,079,823
Cement.....	8	1,723	4,356,086	5,699,042	17,704,519	30,561,717
Cement products.....	369	3,760	6,899,849	11,032,085	14,085,643	26,186,413
Clay Products—						
Domestic.....	117	3,746	7,505,765	545,190	13,602,445	17,629,048
Imported.....	38	2,288	4,796,958	2,825,026	8,816,623	12,363,734
Sand-lime brick.....	5	206	440,816	360,266	1,009,878	1,452,366
Glass products.....	95	5,918	12,496,695	15,100,702	22,165,707	40,364,428
Gypsum products.....	10	951	1,976,533	7,055,419	6,487,201	14,186,714
Lime.....	42	1,121	2,459,299	672,566	7,284,638	11,074,871
Salt.....	11	673	1,367,353	1,240,616	3,765,785	5,828,467
Stone, monumental and orna- mental.....	150	1,862	4,126,838	4,547,067	8,424,828	13,550,286
Misc. non-metallic mineral products.....	58	1,353	3,114,317	7,663,103	8,578,910	17,358,108
Products of Petroleum and Coal.....	75	13,678	34,766,341	369,035,161	97,064,006	491,961,894
Coke and gas products.....	31	5,183	12,704,382	54,885,797	33,926,808	97,027,694
Petroleum products.....	44	8,495	22,061,959	314,149,364	63,137,198	394,934,200
Chemical Products.....	1,026	39,548	89,325,771	293,041,874	268,818,222	579,827,509
Acids, alkalies and salts.....	29	5,889	15,348,441	22,551,999	40,295,557	70,600,246
Fertilizers.....	33	3,169	8,015,656	30,043,381	31,715,481	63,986,427
Medicinal and pharmaceutical preparations.....	215	7,641	15,414,695	26,576,177	44,443,608	71,714,274

11.—Principal Statistics of Individual Manufacturing Industries, Classified on the Standard Classification Basis, 1948—concluded

Group and Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Chemical Products—conc.						
Paints, pigments and var- nishes.....	114	5,558	12,341,334	44,436,957	36,224,946	81,278,591
Plastics, primary.....	12	1,149	2,770,529	7,630,498	8,478,317	16,440,747
Soaps, washing compounds, etc.....	149	3,351	8,124,916	38,839,732	27,851,920	67,586,991
Toilet preparations.....	90	1,658	2,749,569	6,538,843	10,435,560	17,044,566
Vegetable oil mills.....	16	819	1,885,451	51,390,930	11,856,129	63,673,373
Miscellaneous Chemicals—						
Adhesives.....	25	771	1,829,603	4,701,297	3,602,723	8,660,211
Coal tar distillation.....	11	380	881,907	5,076,131	2,458,486	8,077,247
Gases, compressed.....	45	1,156	2,613,283	2,180,518	8,729,414	11,314,387
Inks, printing and writing....	32	642	1,711,536	3,834,263	4,381,103	8,287,580
Polishes and dressings.....	53	723	1,405,214	5,182,670	4,828,947	10,080,458
Other.....	202	6,642	14,233,637	44,058,478	33,516,031	81,082,411
Miscellaneous Manufacturing Industries	814	22,315	40,906,054	48,007,617	75,510,756	125,116,374
Brooms, brushes and mops....	84	2,310	3,981,841	6,188,839	7,302,497	13,618,633
Fountain pens and pencils....	12	1,248	2,148,127	2,682,930	3,695,583	6,423,662
Musical instruments.....	26	1,108	2,035,487	1,666,956	3,077,433	4,830,570
Plastic products, fabricated..	79	2,591	4,122,692	5,604,354	8,717,086	14,496,906
Scientific and professional equipment.....	81	3,791	8,666,159	10,604,599	15,657,407	26,508,224
Sporting goods.....	60	1,523	2,833,216	3,097,196	3,734,423	6,918,742
Toys and games.....	45	1,086	1,730,713	2,313,113	3,111,152	5,462,227
Typewriter supplies.....	8	372	760,726	1,729,542	1,960,323	3,714,908
Other miscellaneous indus- tries—						
Artificial flowers and feathers.....	36	710	888,196	888,275	1,444,082	2,348,784
Buttons and fasteners.....	31	1,844	3,373,681	3,078,233	5,888,891	9,036,425
Candles.....	13	259	411,928	1,014,641	1,160,529	2,201,501
Hair goods, animal and human.....	21	211	364,268	990,876	457,598	1,459,305
Ice, artificial.....	61	827	1,695,441	130,095	4,485,779	5,015,101
Lamps, electric and lamp shades.....	44	905	1,358,103	2,048,504	2,530,630	4,615,068
Signs, electric, neon and other.....	44	1,121	2,581,844	1,724,668	4,774,716	6,610,704
Stamps and stencils, rubber and metal.....	44	560	1,101,479	520,056	1,730,171	2,277,434
Statuary, art goods and novelties.....	95	954	1,403,791	1,412,784	2,318,583	3,768,349
Tobacco pipes and other smoker's supplies.....	12	333	589,300	1,016,661	1,918,213	2,948,908
Umbrellas.....	7	188	266,069	669,317	621,418	1,293,051
Other.....	11	374	592,993	625,978	924,242	1,567,872
Totals, All Industries	33,417	1,156,006	2,409,809,791	6,632,881,628	4,940,369,190	11,876,790,012

Subsection 3.—Manufactures Classified by Purpose of Principal Products

Significant changes have occurred since 1933 in the type and variety of Canadian manufacturing production. On the basis of the percentage of gross value of production, the most striking change is shown by the food group which fell from 25.2 p.c. of the total in 1933 to 21.2 p.c. in 1939 and 21.6 p.c. in 1948. Another change which emphasizes the greater industrialization of Canada since the war is shown by the increase in the proportion of the producers materials group which rose from 29.4 p.c. in 1933 to 33.0 p.c. in 1948. The industrial equipment group which more than any other factor reflects the increased tempo of manufacturing production also rose from 14.2 p.c. in 1933 to 17.6 p.c. in 1948. There were also increases in the proportion of vehicles and vessels and house furnishings. Declines were reported by the clothing, drink and tobacco, personal equipment and books and stationery groups.

12.—Principal Statistics of the Manufacturing Industries, Classified According to Purpose of Principal Product, by Main Groups, Significant Years 1922-48 and in Detail for 1948

Year and Group	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1922						
Food.....	8,256	343,867,673	66,815	67,738,707	490,731,438	673,794,031
Drink and tobacco.....	496	104,047,461	13,402	13,777,986	33,027,203	99,529,819
Clothing.....	659	166,336,319	63,441	59,056,687	117,015,780	221,903,467
Personal utilities.....	936	56,060,262	16,904	17,080,049	21,879,031	57,258,476
House furnishings.....	600	75,168,053	18,032	19,861,883	24,956,960	62,961,050
Books and stationery.....	1,557	82,240,691	28,103	36,920,804	27,190,071	99,118,969
Vehicles and vessels.....	1,154	191,257,804	30,067	37,237,412	87,840,814	160,624,079
Producers materials.....	5,588	1,086,692,015	143,354	147,581,011	316,400,400	666,241,271
Industrial equipment.....	1,740	556,862,578	75,269	89,081,303	160,035,399	338,882,958
Miscellaneous.....	30	4,960,434	869	1,061,388	2,964,354	4,916,418
Totals, 1922.....	21,016	2,667,493,290	456,256	489,397,230	1,232,041,450¹	2,385,230,538¹
1929						
Food.....	8,351	463,984,558	94,707	87,960,036	597,396,238	837,986,384
Drink and tobacco.....	599	201,365,785	18,976	21,670,376	65,440,053	208,968,998
Clothing.....	1,680	223,376,104	93,935	88,914,849	172,726,557	336,452,685
Personal utilities.....	380	56,155,234	11,148	13,595,331	29,389,246	61,191,750
House furnishings.....	600	76,185,921	20,857	23,248,775	34,293,465	77,811,331
Books and stationery.....	1,917	144,222,275	38,141	56,003,183	45,384,362	155,947,960
Vehicles and vessels.....	781	310,942,038	61,835	91,239,185	243,258,350	407,947,648
Producers materials.....	6,227	1,776,758,115	223,071	258,255,079	524,193,104	1,154,908,260
Industrial equipment.....	1,576	719,112,914	99,922	131,820,142	304,581,449	614,827,756
Miscellaneous.....	105	32,789,065	3,939	4,584,261	13,007,989	27,403,344
Totals, 1929.....	22,216	4,004,892,009	666,531	777,291,217	2,029,670,813	3,883,446,116
1933						
Food.....	8,759	408,995,499	75,434	68,652,795	313,760,942	492,729,174
Drink and tobacco.....	670	185,612,678	18,289	17,626,141	40,454,300	98,409,638
Clothing.....	1,922	143,382,092	75,363	56,001,234	103,209,050	194,027,734
Personal utilities.....	601	39,681,900	8,938	8,616,372	15,323,848	35,589,961
House furnishings.....	654	66,047,002	15,587	12,887,200	16,022,584	38,684,649
Books and stationery.....	2,170	132,507,101	34,300	42,830,661	28,818,380	103,477,077
Vehicles and vessels.....	479	232,153,543	37,618	35,725,625	56,917,292	120,992,781
Producers materials.....	6,564	1,459,569,284	139,734	126,208,238	252,383,314	573,991,467
Industrial equipment.....	1,819	588,147,285	60,061	64,155,426	133,382,392	277,475,032
Miscellaneous.....	142	23,163,454	3,364	3,544,129	7,516,826	18,097,642
Totals, 1933.....	23,780	3,279,259,838	468,658	436,247,824	967,788,928	1,954,075,785
1937						
Food.....	8,696	441,611,585	96,740	94,656,930	558,118,480	792,271,852
Drink and tobacco.....	668	187,487,631	21,646	24,398,981	68,935,399	152,152,105
Clothing.....	2,158	173,474,299	95,274	79,547,935	148,901,374	271,690,917
Personal utilities.....	634	43,476,516	12,420	12,729,626	28,185,411	55,289,473
House furnishings.....	800	89,293,123	27,446	27,169,931	41,836,387	90,102,397
Books and stationery.....	2,349	137,392,420	40,348	53,453,842	44,257,314	138,673,644
Vehicles and vessels.....	376	248,949,257	55,141	71,890,706	186,070,917	319,280,534
Producers materials.....	6,892	1,482,194,043	208,930	232,733,013	634,232,482	1,221,670,588
Industrial equipment.....	2,086	629,908,231	97,250	119,070,287	280,546,886	551,891,976
Miscellaneous.....	175	31,440,726	5,256	6,075,786	15,842,137	32,436,014
Totals, 1937.....	24,834	3,465,227,831	660,451	721,727,037	2,006,926,787	3,625,459,500
1939						
Food.....	8,529	451,298,489	99,983	101,904,518	526,619,353	784,072,722
Drink and tobacco.....	657	190,313,279	23,489	27,051,038	74,295,571	164,812,439
Clothing.....	2,178	187,495,826	97,220	83,762,588	146,201,614	275,567,762
Personal utilities.....	623	46,866,657	12,623	13,771,704	26,408,179	57,043,684
House furnishings.....	767	93,773,837	27,647	28,417,336	40,528,394	88,800,493
Books and stationery.....	2,452	143,293,147	41,804	56,466,921	47,916,777	144,288,052
Vehicles and vessels.....	364	269,734,181	54,673	72,238,590	141,704,269	266,089,493
Producers materials.....	7,095	1,580,602,852	201,849	229,381,185	559,816,486	1,130,510,177
Industrial equipment.....	1,957	650,305,878	93,235	117,754,266	257,416,596	528,678,421
Miscellaneous.....	183	33,340,303	5,591	7,063,013	15,252,136	34,919,974
Totals, 1939.....	24,805	3,647,024,449	658,114	737,811,153	1,836,159,375	3,474,783,528

¹ For the year 1922 the figures for "Cost of Materials" and "Gross Value of Products" include the value placed on intermediate products used in further processes in the chemical group of industries. For this reason these figures differ slightly from those contained in the other tables of this report.

12.—Principal Statistics of the Manufacturing Industries, Classified According to Purpose of Principal Product, by Main Groups, Significant Years, 1922-48 and in Detail for 1948—continued

Year and Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials Used	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1944						
Food.....	8,435	136,747	183,795,031	1,271,356,037	408,862,849	1,702,330,839
Drink and tobacco.....	635	28,566	44,140,376	118,406,602	159,387,626	281,731,695
Clothing.....	2,713	117,056	146,623,855	284,018,437	242,324,720	529,230,834
Personal utilities.....	758	18,922	26,130,683	54,417,448	59,949,718	115,502,040
House furnishings.....	908	38,940	58,426,100	83,231,172	100,932,323	187,175,054
Books and stationery.....	2,468	47,319	76,542,070	75,882,848	141,795,037	219,966,613
Vehicles and vessels.....	413	222,604	454,449,952	367,341,589	771,461,866	1,425,858,778
Producers materials.....	8,990	343,035	567,699,762	1,369,160,212	1,142,646,292	2,646,303,770
Industrial equipment.....	2,889	216,279	385,434,071	697,897,961	781,329,304	1,512,623,216
Miscellaneous.....	274	53,414	86,379,470	240,621,050	207,086,275	452,969,680
Totals, 1944.....	28,483	1,222,882	2,029,621,370	4,832,333,356	4,015,776,010	9,073,692,519
1947						
Food.....	8,315	148,550	237,703,999	1,577,292,417	532,580,630	2,138,311,685
Drink and tobacco.....	655	30,895	56,175,481	177,458,594	215,226,589	397,823,033
Clothing.....	3,541	135,278	201,085,788	375,489,186	353,212,485	732,913,101
Personal utilities.....	891	21,567	35,881,295	76,658,391	78,052,852	156,165,277
House furnishings.....	1,572	49,877	85,971,022	134,264,352	146,494,584	284,802,773
Books and stationery.....	2,654	60,423	115,621,558	123,096,172	212,588,660	349,739,057
Vehicles and vessels.....	482	109,546	239,637,650	441,400,454	410,181,052	863,057,997
Producers materials.....	10,903	354,769	677,273,481	1,710,356,735	1,480,918,845	3,446,222,113
Industrial equipment.....	3,459	210,594	416,792,695	852,124,406	817,657,500	1,708,858,864
Miscellaneous.....	262	10,251	19,782,997	61,139,312	45,172,605	109,732,680
Totals, 1947.....	32,734	1,131,750	2,085,925,966	5,534,280,019	4,292,055,802	10,081,026,580
1948						
Food.....	8,132	149,599	268,397,962	1,937,027,502	589,449,485	2,559,697,485
Drink and tobacco.....	644	30,426	63,755,772	194,908,675	238,418,234	439,655,566
Clothing.....	3,509	139,495	228,259,297	423,487,199	400,035,789	827,566,549
Personal utilities.....	853	21,241	39,627,760	90,008,673	85,891,146	177,555,877
House furnishings.....	1,638	50,995	97,850,184	160,660,553	170,165,450	325,300,557
Books and stationery.....	2,701	63,024	135,552,836	149,765,652	246,684,331	399,986,572
Vehicles and vessels.....	497	107,131	264,551,171	524,130,072	458,410,444	995,527,426
Producers materials.....	11,722	368,059	802,821,940	2,003,726,852	1,734,367,893	3,923,259,867
Industrial equipment.....	3,491	215,701	487,184,304	1,079,179,002	968,865,463	2,095,948,043
Miscellaneous.....	260	10,335	21,808,565	79,997,448	48,080,955	132,292,070
Totals, 1948.....	33,447	1,156,006	2,409,809,791	6,632,881,628	4,940,369,190	11,876,790,012
1948—Detail						
Food.....	8,132	149,599	268,397,962	1,937,027,502	589,449,485	2,559,697,485
Breadstuffs.....	4,078	56,906	97,025,948	478,238,280	213,389,475	702,650,491
Fish.....	600	12,243	17,041,373	74,587,625	39,468,334	115,838,169
Fruit and vegetable preparations.....	499	16,644	25,450,961	98,326,213	64,783,043	165,505,303
Meats.....	210	22,520	52,943,933	599,953,290	94,224,970	697,618,777
Milk products.....	2,090	25,299	44,201,718	367,051,031	93,765,633	468,570,269
Oils and fats.....	9	208	500,580	1,578,942	918,559	2,623,338
Sugar.....	11	3,267	7,662,318	88,031,106	22,725,610	113,510,547
Miscellaneous.....	635	12,512	23,571,131	229,621,015	60,173,861	293,380,591
Drink and Tobacco.....	644	30,426	63,755,772	194,908,675	238,418,234	439,655,566
Beverages, alcoholic.....	79	12,620	30,668,898	69,413,710	134,755,583	208,384,183
Beverages, non-alcoholic.....	486	7,347	13,536,311	29,643,694	45,995,688	77,277,941
Tobacco.....	79	10,459	19,550,563	95,851,271	57,666,963	153,993,442
Clothing.....	3,509	139,495	228,259,297	423,487,199	400,035,789	827,566,549
Boots and shoes, leather.....	292	21,265	32,513,272	56,073,584	48,731,578	105,339,643
Fur goods.....	636	8,045	16,601,882	45,073,772	27,130,785	72,510,617
Garments and personal furnishings.....	2,002	73,579	122,686,141	232,809,543	223,653,135	457,719,416
Gloves and mittens.....	95	3,177	3,778,323	7,001,962	6,126,474	13,193,524
Hats and caps.....	200	6,424	9,247,067	12,030,820	15,034,366	27,304,145
Knitted goods.....	271	27,634	42,807,416	69,114,815	77,806,848	148,556,159
Waterproofs.....	13	371	625,196	1,382,703	1,552,603	2,943,045

12.—Principal Statistics of the Manufacturing Industries, Classified According to Purpose of Principal Product, by Main Groups, Significant Years, 1922-48 and in Detail for 1948—concluded

Year and Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials Used	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Personal Utilities	853	21,241	39,627,760	90,008,673	85,891,146	177,555,877
Jewellery and time-pieces.....	179	5,810	11,546,994	22,254,331	19,645,349	42,179,143
Recreational supplies.....	131	3,717	6,599,416	7,077,265	9,923,008	17,211,539
Personal utilities.....	543	11,714	21,481,350	60,677,077	56,322,789	118,165,195
House Furnishings	1,638	50,995	97,850,184	150,650,553	170,165,450	325,300,557
Books and Stationery	2,701	63,024	135,552,836	149,765,652	246,684,331	399,986,572
Vehicles and Vessels	497	107,131	264,551,171	524,130,872	458,410,444	995,527,426
Producers Materials	11,722	368,059	802,821,940	2,003,726,852	1,734,367,893	3,923,259,867
Farm materials.....	33	3,169	8,015,656	30,043,381	31,715,481	63,986,427
Manufacturers materials.....	1,473	224,978	539,049,307	1,408,465,593	1,175,918,702	2,737,055,991
Building materials.....	9,649	114,793	209,583,455	445,329,868	443,056,776	914,329,010
General materials.....	567	25,119	46,173,522	119,888,010	83,676,934	207,888,439
Industrial Equipment	3,491	215,701	487,184,304	1,079,179,002	968,865,463	2,095,948,043
Farming equipment.....	81	19,265	45,475,199	81,915,342	63,861,003	147,786,032
Manufacturing equipment.....	356	30,600	70,553,770	87,098,800	145,392,149	235,005,382
Trading equipment.....	157	2,880	6,139,490	4,104,361	12,950,989	17,618,147
Service equipment.....	446	13,708	27,583,802	41,506,468	65,795,012	108,366,483
Light, heat and power equip- ment.....	458	73,559	172,266,016	568,064,608	365,973,414	964,688,061
General equipment.....	1,993	75,689	165,166,027	296,489,423	314,892,896	622,483,938
Miscellaneous	260	10,335	21,808,565	79,997,448	48,080,955	132,292,070

Table 13 gives the amount and value of each of the principal commodities produced by the manufacturing industries of Canada. Commodities produced in small quantities are not included but the list covers approximately 75 p.c. of total production. For a complete list of products, see Appendix II of this report.

13.—Quantities and Values of Principal Commodities Produced by the Manufacturing Industries, Grouped by Purpose, 1948

Group and Commodity	Unit of Measure	Quantity	Value \$
Food—			
Biscuits, all kinds.....	—	—	48,736,100
Bread, pies, cakes, etc.....	—	—	170,489,343
Butter, factory made.....	lb.	287,474,271	193,136,731
Cheese, factory made.....	—	—	44,113,962
Confectionery, all kinds.....	—	—	74,002,028
Cream, sold in dairy factories.....	lb.	29,685,028	30,818,030
Feed, chopped grain.....	—	—	70,252,199
Fish, canned and otherwise prepared.....	—	—	62,379,315
Flour, wheat.....	bbl.	22,881,835	187,152,033
Feeds, stock and poultry.....	—	—	117,241,030
Fruits and vegetables, canned.....	lb.	599,329,321	63,000,542
Ice cream, factory made.....	gal.	24,065,927	33,987,687
Jams, jellies and marmalades.....	lb.	106,436,350	16,647,118
Lard.....	"	65,507,249	16,144,223
Meats, canned, incl. poultry, pastes, etc.....	—	—	29,634,860
Meats, cooked.....	lb.	34,775,260	16,987,354
Meats, cured.....	"	374,899,830	150,105,835
Meats, sold fresh.....	"	1,036,480,986	313,250,059
Meats, sold frozen.....	"	86,029,767	23,661,987
Milk, sold in dairy factories.....	gal.	159,580,237	97,028,979
Milk, evaporated and condensed.....	lb.	299,554,691	37,215,793
Pickles, sauces and catsup.....	—	—	17,489,164

13.—Quantities and Values of Principal Commodities Produced by the Manufacturing Industries, Grouped by Purpose, 1948—continued

Group and Commodity	Unit of Measure	Quantity	Value
			\$
Food—concluded			
Powders, edible.....	—	—	40,844,108
Sausage, fresh and cured.....	lb.	65,201,213	22,404,949
Shortening.....	"	137,313,152	36,718,524
Sugar, granulated (cane and beet).....	"	1,146,896,371	93,059,358
Tea and coffee, roasted, blended and packed.....	"	108,388,871	67,545,708
Drink and Tobacco—1			
Aerated waters.....	gal.	85,668,714	57,349,028
Beer, ale, stout and porter (sales).....	"	169,703,074	213,316,000
Cigarettes.....	M	16,071,779	240,838,123
Cigars.....	"	210,335	14,453,386
Spirits, potable, sold (net sales).....	pf gal.	8,259,233	54,400,398
Tobacco, chewing, smoking and snuff.....	lb.	29,374,640	51,900,072
Tobacco, raw leaf, processed.....	"	97,176,239	46,916,632
Wine, sold.....	gal.	4,244,794	9,576,459
Clothing—			
Coats and overcoats, men's, youths' and women's, cloth.....	No.	2,487,584	61,247,392
Coats, fur and fur-lined.....	"	232,725	51,323,697
Dresses, women's and misses'.....	"	12,252,019	68,399,174
Footwear, leather.....	pr.	28,322,632	98,998,331
Footwear, rubber.....	"	20,441,530	36,576,103
Gloves and mittens, all kinds.....	doz. pr.	2,020,031	15,877,929
Hats and caps, men's and boys'.....	doz.	523,018	9,851,919
Hats, women's and children's.....	"	365,345	10,891,257
Hosiery, all kinds.....	pr.	9,432,461	62,089,089
Shirts, fine, work and sport.....	doz.	1,572,182	39,090,174
Sport suits, slacks and other sport clothing <i>n.e.s.</i>	—	—	12,468,655
Suits, men's and youths', fine, woollen.....	No.	2,122,473	59,150,103
Suits, women's and misses', fine, woollen.....	"	631,920	15,247,738
Underwear.....	doz.	4,429,392	36,987,968
Windbreakers.....	"	186,098	14,023,338
Personal Utilities—			
Bags, hand and hand luggage.....	—	—	10,592,986
Jewellery.....	—	—	12,753,350
Pianos, organs and parts.....	—	—	3,353,207
Plated ware, all kinds.....	—	—	13,201,820
Radio sets and accessories.....	—	—	32,153,481
Soap.....	—	—	44,431,035
Sporting goods.....	—	—	9,863,447
Toilet preparations and perfumes.....	—	—	16,577,395
Toys and games.....	—	—	10,792,656
House Furnishings—			
Blankets, all kinds.....	—	—	11,397,690
Brooms and brushes.....	—	—	11,750,608
Carpets, mats and rugs.....	—	—	10,209,282
Furniture, household, incl. beds and couches.....	—	—	80,422,069
Kitchenware.....	—	—	12,148,889
Mattresses.....	No.	967,392	14,309,488
Mops.....	—	—	1,500,330
Springs, bed and other furniture.....	—	—	9,544,704
Stoves, coal, wood, electric and gas.....	—	—	39,324,737
Books and Stationery—			
Advertising matter, printed.....	—	—	26,172,575
Books and catalogues, printed.....	—	—	18,384,318
Circular letters, bank notes, etc., printed.....	—	—	13,409,971
Periodicals, printed for publishers.....	—	—	17,519,952
Periodicals, printed by publishers—			
Subscriptions and sales.....	—	—	38,994,889
Gross revenue from advertising.....	—	—	82,357,211
Sheet forms, commercial, printed.....	—	—	26,807,910

¹ Includes excise taxes on tobacco products and prime cost of spirits.

13.—Quantities and Values of Principal Commodities Produced by the Manufacturing Industries, Grouped by Purpose, 1948—concluded

Group and Commodity	Unit of Measure	Quantity	Value
			\$
Transportation Equipment—			
Aircraft, including parts and repairs.....	—	—	34,619,868
Automobiles, commercial.....	No.	96,175	124,013,852
Automobiles, passenger.....	"	166,819	210,799,512
Automobile parts and accessories, incl. tires, etc.....	—	—	275,430,806
Buses and coaches.....	No.	931	14,375,317
Railway cars, locomotives, and parts.....	—	—	98,240,692
Ships and ship repairs.....	—	—	141,430,891
Miscellaneous, incl. bicycles, boats, canoes, etc.....	—	—	13,592,585
Miscellaneous—			
Abrasives, artificial.....	—	—	22,230,484
Bags, cotton and jute.....	doz.	9,786,698	28,258,841
Bags, paper.....	—	—	23,606,596
Bars, iron and steel, hot rolled.....	net ton	507,364	47,877,986
Batteries, electric, and parts.....	—	—	27,840,358
Blooms, billets and slabs.....	net ton	424,654	24,522,344
Boilers, heating and power.....	—	—	13,610,322
Boxes, paper and wood.....	—	—	94,440,757
Calcium and sodium compounds.....	—	—	29,385,787
Cans, metal, for food, etc.....	—	—	53,159,361
Castings, iron (made for sale).....	ton	276,506	47,861,196
Coke.....	"	3,945,776	54,663,451
Cotton fabrics.....	—	—	112,386,946
Enamels, lacquers and varnishes.....	—	—	34,760,372
Explosives.....	—	—	12,802,565
Farm implements and parts.....	—	—	139,078,883
Forgings, steel and other.....	—	—	10,547,416
Gas, sold.....	M cu. ft.	24,606,638	25,581,734
Gases, compressed and liquefied.....	—	—	15,248,917
Gasoline.....	imp. gal.	1,219,291,343	192,762,696
Glass, pressed and blown.....	—	—	28,764,709
Hardware, builders' and other.....	—	—	24,523,572
Leather, shoe.....	—	—	44,934,440
Lumber, rough and planed.....	M. ft. b.m	6,666,815	392,375,056
Machinery, industrial, household and business, and parts.....	—	—	346,146,268
Medicines and pharmaceuticals.....	—	—	55,941,763
Oil, fuel.....	imp. gal.	1,192,812,317	108,262,730
Paints, mixed, ready for use.....	"	9,983,383	34,707,370
Paper, newsprint, wrapping and book.....	—	—	449,429,557
Paper boards.....	—	—	91,481,753
Pipes and fittings, iron and steel.....	—	—	45,309,245
Plastics, primary.....	—	—	16,440,747
Pulp, wood (made for sale).....	short ton	2,132,248	243,276,097
Refrigerators, electric.....	No.	142,752	27,421,713
Rods and bars, brass, bronze, etc.....	lb.	240,355,295	13,237,498
Rods, copper wire.....	"	154,850,139	37,238,321
Rolled iron and steel forms, semi-finished.....	net ton	424,654	24,522,344
Sash, doors and other millwork.....	—	—	48,948,125
Scientific and professional equipment.....	—	—	26,508,224
Sheets, hoops, bands, strips etc., iron and steel.....	ton	446,316	43,487,999
Synthetic yarn fabrics, continuous filament, incl. mixtures.....	yd.	70,964,773	51,420,963
Smelter and refinery products.....	—	—	576,383,967
Spun rayon fabrics and mixtures.....	yd.	27,938,573	17,611,922
Steel ingots and castings (sold).....	net ton	176,314	34,268,313
Steel shapes erected, bridges, etc.....	—	—	38,317,690
Steel shapes, structural, made in primary mills.....	net ton	173,949	12,850,518
Tire fabrics.....	lb.	25,911,776	17,801,414
Tools, hand, all kinds.....	—	—	23,395,695
Twine and rope.....	—	—	21,141,658
Wires and cables, electrical.....	—	—	85,234,089
Wire, wire rope and cable, steel.....	—	—	23,395,695
Woollen cloth, woven and other.....	yd.	25,422,372	61,541,920
Yarn, cotton, synthetic fibres, wool, etc., made for sale.....	lb.	102,133,357	102,069,241

Subsection 4.—Manufactures Classified by Origin of Materials

The distinction made between farm materials of Canadian and foreign origin is based on whether the materials are indigenous to Canada rather than on their actual source. Thus, the industries included in the foreign origin classes are those

depending upon materials that cannot be grown in Canada, such as tea, coffee, spices, cane sugar, rice, rubber, cotton, etc. Industries included in the Canadian origin classes may, however, be using large quantities of imported materials.

The mineral origin group includes, in addition to non-ferrous metals so largely produced in Canada, the manufactures of iron and steel, of petroleum, and of other mineral substances, the raw materials for which are very largely imported. Products of mineral origin, with the exception of fuels, are nearly all durable goods. A high standard of living and advanced industrial organization is usually indicated by a relatively large production and consumption of mineral products. During periods of depression when the production of capital goods is curtailed, employment in the industries of the farm group, which produce mainly consumer goods, exceeds that of the mineral group. The industries of the mineral group in 1943, at the maximum of the war effort, had by far the greatest capital investment, employed the largest number of persons, and paid out the highest amount in salaries and wages. In 1943 the average capital per employee amounted to \$5,441 for the mineral group as compared with \$4,417 for the farm origin group. The mineral group also pays the highest wages. In 1948 the average salary and wage was \$2,374 for the mineral group and \$1,831 for the farm origin group.

14.—Principal Statistics of the Manufacturing Industries, Classified According to Origin of Material Used, by Main Groups, Significant Years 1924-48

Year and Origin	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1924						
Farm origin.....	8,663	772,791,471	152,488	153,213,763	716,047,892	1,099,279,665
Mineral origin.....	2,806	1,010,517,944	136,837	171,068,497	349,800,585	700,002,097
Forest origin.....	6,873	876,149,932	126,907	147,719,245	245,183,429	544,282,597
Marine origin.....	836	20,304,785	11,157	3,344,348	16,089,332	26,637,962
Wild life origin.....	226	10,837,249	2,944	3,194,213	7,506,169	13,386,266
Mixed origin.....	1,305	204,716,127	57,277	55,927,609	101,563,384	200,718,177
Grand Totals, 1924.....	20,709	2,895,317,508	487,610	534,467,675	1,436,190,791	2,584,306,764
Farm Origin Group—						
From field crops.....	4,595	525,717,571	89,436	87,789,237	433,443,376	691,513,259
From animal husbandry..	4,068	247,073,900	63,052	65,424,526	282,604,516	407,766,406
Totals, Farm Origin.....	8,663	772,791,471	152,488	153,213,763	716,047,892	1,099,279,665
Canadian origin.....	8,379	546,231,949	114,514	119,217,657	553,357,883	848,236,237
Foreign origin.....	284	226,559,522	37,974	33,996,106	162,690,009	251,043,428
1929						
Farm origin.....	9,041	969,384,866	181,682	188,306,755	852,606,083	1,396,769,569
Mineral origin.....	3,219	1,550,662,908	218,879	304,027,803	678,683,203	1,392,499,868
Forest origin.....	7,353	1,148,558,242	163,863	191,044,307	313,088,964	722,269,066
Marine origin.....	730	28,644,442	16,367	5,411,855	21,496,859	34,966,260
Wild life origin.....	234	14,338,686	3,767	4,783,323	12,847,817	20,861,039
Mixed origin.....	1,639	293,302,865	81,973	83,717,174	150,947,887	316,080,314
Grand Totals, 1929...	22,215	4,004,892,009	666,531	777,291,217	2,029,670,813	3,883,446,116
Farm Origin Group—						
From field crops.....	5,191	697,206,163	114,236	115,201,292	496,842,580	889,075,246
From animal husbandry..	3,850	272,178,703	67,446	73,105,463	355,763,503	507,694,323
Totals, Farm Origin.....	9,041	969,384,866	181,682	188,306,755	852,606,083	1,396,769,569
Canadian origin.....	8,743	708,461,549	134,680	140,340,993	682,056,026	1,106,006,184
Foreign origin.....	298	260,923,317	47,002	47,965,762	170,550,057	290,763,385

¹ For the year 1924 the figures for "Cost of Materials" and "Gross Value of Products" include the value placed on intermediate products used in further processes in the chemical group of industries. For this reason these figures differ slightly from those contained in the other tables of this report.

14.—Principal Statistics of the Manufacturing Industries, Classified According to Origin of Material Used, by Main Groups, Significant Years 1924-48—continued

Year and Origin	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1933						
Farm origin.....	9,695	844,582,058	158,602	137,711,749	454,882,704	791,956,470
Mineral origin.....	3,539	1,306,641,651	130,565	138,101,092	271,434,337	601,428,003
Forest origin.....	7,796	882,445,602	102,807	99,046,012	133,550,374	335,886,257
Marine origin.....	620	15,532,775	4,064	2,287,385	10,960,289	17,380,323
Wild life origin.....	335	10,507,157	3,498	3,481,885	7,159,079	13,000,927
Mixed origin.....	1,795	219,550,595	69,122	55,619,701	89,802,145	194,423,805
Grand Totals, 1933.....	23,780	3,279,259,838	468,658	436,247,824	967,788,928	1,954,075,755
Farm Origin Group—						
From field crops.....	5,746	609,044,529	93,433	81,655,182	263,007,043	494,048,930
From animal husbandry..	3,949	235,537,529	65,169	56,056,567	191,875,661	297,907,540
Totals, Farm Origin.....	9,695	844,582,058	158,602	137,711,749	454,882,704	791,956,470
Canadian origin.....	9,373	629,450,643	124,547	107,807,386	365,559,776	620,197,449
Foreign origin.....	322	215,131,415	34,055	29,904,363	89,322,928	171,759,021
1937						
Farm origin.....	10,139	901,539,200	203,908	197,861,819	809,964,706	1,276,249,283
Mineral origin.....	3,384	1,401,562,788	216,959	280,323,383	784,742,328	1,451,202,762
Forest origin.....	8,392	916,530,488	144,597	161,030,221	254,863,829	589,517,795
Marine origin.....	597	18,130,385	5,427	3,354,771	16,318,781	26,088,625
Wild life origin.....	365	13,328,164	4,264	4,452,918	10,761,233	17,658,867
Mixed origin.....	1,957	214,136,806	85,296	74,703,925	130,275,910	264,742,168
Grand Totals, 1937.....	24,834	3,465,227,831	660,451	721,727,037	2,096,926,787	3,625,459,500
Farm Origin Group—						
From field crops.....	6,197	635,995,955	118,765	115,999,546	456,791,911	774,683,154
From animal husbandry..	3,942	265,543,245	85,143	81,862,273	353,172,795	501,566,129
Totals, Farm Origin.....	10,139	901,539,200	203,908	197,861,819	809,964,706	1,276,249,283
Canadian origin.....	9,326	673,003,567	158,075	152,070,575	659,488,389	1,008,885,353
Foreign origin.....	813	228,535,633	45,833	45,791,244	150,476,317	267,363,930
1939						
Farm origin.....	10,203	952,929,892	220,210	217,724,965	778,250,125	1,289,993,021
Mineral origin.....	3,474	1,498,265,618	210,752	280,054,303	669,728,573	1,321,444,094
Forest origin.....	8,430	951,016,933	142,091	160,798,500	244,944,997	572,335,960
Marine origin.....	523	21,479,200	5,369	3,638,794	18,114,698	28,816,536
Wild life origin.....	384	14,723,743	4,604	5,396,623	11,592,066	19,961,526
Mixed origin.....	1,791	208,609,063	75,088	70,197,968	113,528,916	242,232,391
Grand Totals, 1939.....	24,805	3,647,024,449	658,114	737,811,153	1,836,159,375	3,474,783,528
Farm Origin Group—						
From field crops.....	6,096	649,746,486	124,708	126,311,033	410,994,461	759,964,866
From animal husbandry..	4,107	303,183,406	95,502	91,413,932	367,255,664	530,028,155
Totals, Farm Origin.....	10,203	952,929,892	220,210	217,724,965	778,250,125	1,289,993,021
Canadian origin.....	9,382	699,345,423	171,460	168,260,771	630,779,223	1,011,294,132
Foreign origin.....	821	253,584,469	48,750	49,464,194	147,470,902	273,698,889

14.—Principal Statistics of the Manufacturing Industries, Classified According to Origin of Material Used, by Main Groups, Significant Years 1924-48—concluded

Year and Origin	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1944						
Farm origin.....	10,329	287,756	394,716,309	1,781,014,374	870,995,104	2,688,731,415
Mineral origin.....	4,479	634,542	1,208,779,764	2,258,796,792	2,312,260,844	4,708,104,244
Forest origin.....	10,347	186,680	278,171,969	495,531,476	541,521,976	1,082,160,284
Marine origin.....	535	9,664	10,327,695	45,906,542	22,066,801	68,882,879
Wild life origin.....	535	6,190	9,430,191	28,076,572	15,728,926	43,985,177
Mixed origin.....	2,258	98,050	128,195,442	223,007,600	253,202,359	451,828,520
Grand Totals, 1944...	28,483	1,222,882	2,029,621,370	4,832,333,356	4,015,776,010	9,073,692,519
Farm Origin Group—						
From field crops.....	6,307	164,514	226,751,705	888,435,918	563,349,320	1,477,008,962
From animal husbandry.	4,022	123,242	167,964,604	892,578,456	307,645,784	1,211,722,453
Totals, Farm Origin.....	10,329	287,756	394,716,309	1,781,014,374	870,995,104	2,688,731,415
Canadian origin.....	9,493	225,077	303,293,749	1,507,501,822	668,958,344	2,202,655,904
Foreign origin.....	836	62,679	91,422,560	273,512,552	202,036,760	486,075,511
1947						
Farm origin.....	10,606	315,449	511,281,052	2,271,551,952	1,144,553,897	3,459,050,833
Mineral origin.....	5,177	437,711	915,689,435	1,981,439,776	1,751,607,057	3,868,575,214
Forest origin.....	12,878	244,608	450,708,391	891,446,938	977,644,628	1,936,345,399
Marine origin.....	594	12,043	15,860,682	62,780,333	41,081,688	105,272,682
Wild life origin.....	640	7,453	13,760,515	37,694,519	24,099,800	62,072,106
Mixed origin.....	2,839	114,486	178,625,891	289,366,501	353,068,732	649,710,346
Grand Totals, 1947...	32,734	1,131,750	2,085,925,966	5,534,280,019	4,292,055,802	10,081,026,580
Farm Origin Group—						
From field crops.....	6,461	179,866	293,853,796	1,277,015,277	745,727,295	2,051,395,636
From animal husbandry.	4,145	135,583	217,427,256	994,536,675	398,826,602	1,407,655,197
Total, Farm Origin.....	10,606	315,449	511,281,052	2,271,551,952	1,144,553,897	3,459,050,833
Canadian origin.....	9,685	248,016	396,710,099	1,927,186,101	895,498,610	2,855,814,563
Foreign origin.....	921	67,433	114,570,953	344,365,851	249,055,287	603,236,270
1948						
Farm origin.....	10,369	314,092	575,162,684	2,689,671,528	1,272,062,024	4,011,435,237
Mineral origin.....	5,347	450,123	1,070,530,553	2,481,092,279	2,087,179,940	4,733,867,173
Forest origin.....	13,692	252,764	523,340,720	1,009,794,821	1,108,347,100	2,195,670,856
Marine origin.....	600	12,243	17,041,373	74,587,625	39,468,334	115,838,169
Wild life origin.....	636	8,045	16,601,882	45,073,772	27,130,785	72,510,617
Mixed origin.....	2,803	118,739	207,132,579	332,661,603	406,181,007	747,467,960
Grand Totals, 1948.....	33,447	1,156,006	2,409,809,791	6,632,881,628	4,940,369,190	11,876,790,012
Farm Origin Group—						
From field crops.....	6,358	177,536	330,998,437	1,414,340,575	831,011,586	2,278,390,672
From animal husbandry.	4,011	136,556	244,164,247	1,275,330,953	441,050,438	1,733,044,565
Totals, Farm Origin..	10,369	314,092	575,162,684	2,689,671,528	1,272,062,024	4,011,435,237
Canadian origin.....	9,444	246,782	442,770,821	2,297,021,848	986,430,394	3,321,568,135
Foreign origin.....	925	67,310	132,391,863	392,649,680	285,631,630	689,867,102

Subsection 5.—Manufactures Classified by Type of Ownership

This subsection deals with the type of ownership under which Canadian manufacturers operate. The first survey in 1946 did not include the fish-curing and -packing industry, information for which was not available at that time. For this

reason the figures for 1946 are not strictly comparable with those for succeeding years, although the inclusion of that industry has not materially altered the percentage distribution of individual ownership, incorporated companies, etc.

Of the 33,447 establishments operating in 1948, 15,459 were under individual ownership, 5,487 were partnership, 11,497 were incorporated companies and 1,004 were co-operatives. The percentage distribution of the four categories of ownership are given below for the years 1946-48.

<i>Year</i>	<i>Individual Ownership</i>	<i>Partnerships</i>	<i>Incorporated Companies</i>	<i>Co-opera- tives</i>
1946 (estimated).....	47.3	16.0	33.4	3.3
1947.....	46.4	16.1	34.3	3.2
1948.....	46.2	16.4	34.4	3.0

As is to be expected, the smaller establishments, regardless of the type of products manufactured, are carried on under individual ownership. In that category industries conducted on a small scale contain a large number of establishments, the percentage decreasing as the scale of operations increases, as the following statement shows.

<i>Group</i>	<i>Average Number of Employees per Establishment</i>	<i>Percentage of Individual Ownership Establishments to Total</i>
Wood and paper products.....	18.6	57.8
Animal products.....	23.8	37.5
Vegetable products.....	23.8	57.9
Miscellaneous industries.....	28.5	30.7
Chemicals and allied products.....	38.5	19.6
Non-metallic mineral products.....	40.6	33.6
Textiles and textile products.....	56.9	25.9
Iron and its products.....	105.9	25.0
Non-ferrous metal products.....	122.3	22.1
ALL GROUPS.....	34.6	46.2

It is therefore found, according to Table 15, that in the wood and vegetable products groups 58 p.c. of the establishments were under individual ownership. Animal products had 38 p.c. of its establishments in this classification, followed by non-metallic mineral products with 34 p.c., miscellaneous industries 31 p.c., textiles and textile products 26 p.c., iron and its products 25 p.c., non-ferrous metal products 22 p.c., and chemicals and allied products 20 p.c.

The establishments operating under individual ownership are not as important from the point of view of employment provided as their large numbers would indicate. According to the tables 15 and 16, these establishments which comprised 46 p.c. of the total only had 7 p.c. of the total employees. Partnership accounted for 16 p.c. of the number of establishments and 4 p.c. of the total employees. Incorporated companies with 35 p.c. of the number of establishments had 88 p.c. of the employees. Co-operatives with 3.0 p.c. of the number had 1 p.c. of the employees.

On the basis of employment provided, incorporated companies are by a very wide margin the most important factors in the employment field. In the chemicals and allied products group 97 p.c. of the employees were reported by such companies. Companies in the non-ferrous metals group had 96 p.c., iron and its products 96 p.c., non-metallic mineral products 92 p.c., miscellaneous industries 87 p.c., textiles 87 p.c., vegetable products 83 p.c., wood and paper products 80 p.c. and animal products 78 p.c. of the total employment.

**15.—Percentage Distribution of Establishments in the Manufacturing Industries,
Classified by Type of Ownership, by Provinces and Industrial Groups, 1948**

Province or Group	Individual Ownership	Partnerships	Incorporated Companies	Co-oper- atives	Total
	p.c.	p.c.	p.c.	p.c.	p.c.
PROVINCE					
Prince Edward Island.....	53.5	15.8	22.4	8.3	100.0
Nova Scotia.....	55.2	16.8	25.6	2.4	100.0
New Brunswick.....	55.5	13.3	28.4	2.8	100.0
Quebec.....	51.7	12.8	30.8	4.7	100.0
Ontario.....	41.3	17.3	39.8	1.6	100.0
Manitoba.....	40.0	17.2	39.9	2.9	100.0
Saskatchewan.....	56.8	15.9	21.7	5.6	100.0
Alberta.....	51.1	19.2	25.6	4.1	100.0
British Columbia and Yukon.....	36.3	24.0	38.4	1.3	100.0
Totals.....	46.2	16.4	34.4	3.0	100.0
INDUSTRIAL GROUP					
Vegetable products.....	57.9	13.4	26.2	2.5	100.0
Animal products.....	37.5	12.8	31.2	18.5	100.0
Textiles and textile products.....	25.9	19.2	54.3	0.6	100.0
Wood and paper products.....	57.8	19.0	23.0	0.2	100.0
Iron and its products.....	25.0	15.9	59.0	0.1	100.0
Non-ferrous metal products.....	22.1	14.5	63.4	—	100.0
Non-metallic mineral products.....	33.6	16.4	50.0	—	100.0
Chemicals and allied products.....	19.6	6.8	73.1	0.5	100.0
Miscellaneous industries.....	30.7	18.1	51.2	—	100.0

**16.—Percentage Distribution of Employment in the Manufacturing Industries,
Classified by Type of Ownership, by Provinces and Industrial Groups, 1948**

Province or Group	Individual Ownership	Partnerships	Incorporated Companies	Co-oper- atives	Total
	p.c.	p.c.	p.c.	p.c.	p.c.
PROVINCE					
Prince Edward Island.....	24.0	10.8	57.9	7.3	100.0
Nova Scotia.....	13.1	5.3	80.0	1.6	100.0
New Brunswick.....	10.9	4.1	83.3	1.7	100.0
Quebec.....	8.7	4.5	85.9	0.9	100.0
Ontario.....	5.2	3.8	90.7	0.3	100.0
Manitoba.....	6.0	5.2	87.1	1.7	100.0
Saskatchewan.....	14.2	6.9	68.1	10.8	100.0
Alberta.....	11.6	9.0	76.2	3.2	100.0
British Columbia and Yukon.....	6.9	5.8	85.1	2.2	100.0
Totals.....	7.1	4.4	87.5	1.0	100.0
INDUSTRIAL GROUP					
Vegetable products.....	11.2	4.4	82.9	1.5	100.0
Animal products.....	9.7	5.7	77.9	6.7	100.0
Textiles and textile products.....	6.3	6.9	86.7	0.1	100.0
Wood and paper products.....	13.0	6.9	79.6	0.5	100.0
Iron and its products.....	2.0	1.6	96.3	0.1	100.0
Non-ferrous metal products.....	1.8	1.7	96.5	—	100.0
Non-metallic mineral products.....	4.3	3.5	92.2	—	100.0
Chemicals and allied products.....	1.7	0.7	97.4	0.2	100.0
Miscellaneous industries.....	7.5	5.6	86.9	—	100.0

**17.—Percentage Distribution of Employment in the Forty Leading Industries,
by Type of Ownership, 1948**

Industry	Individual Ownership	Partnerships	Incorporated Companies	Co-operatives	Total
	p.c.	p.c.	p.c.	p.c.	p.c.
1 Pulp and paper.....	—	0.1	99.9	—	100.0
2 Slaughtering and meat packing.....	1.6	1.5	93.7	3.2	100.0
3 Non-ferrous smelting and refining.....	—	—	100.0	—	100.0
4 Electrical apparatus and supplies.....	0.7	1.2	98.1	—	100.0
5 Sawmills.....	31.2	13.5	55.0	0.3	100.0
6 Automobiles.....	—	—	100.0	—	100.0
7 Petroleum products.....	0.1	0.0	99.9	—	100.0
8 Butter and cheese.....	14.0	4.7	59.4	21.9	100.0
9 Flour and feed mills.....	17.6	9.3	69.5	3.6	100.0
10 Primary iron and steel.....	—	—	100.0	—	100.0
11 Railway rolling-stock.....	0.0	—	100.0	—	100.0
12 Machinery.....	1.7	0.8	97.3	0.2	100.0
13 Clothing, women's factory.....	13.4	14.1	72.5	—	100.0
14 Clothing, men's factory.....	7.6	9.5	82.9	—	100.0
15 Cotton yarn and cloth.....	0.1	0.2	99.7	—	100.0
16 Rubber goods.....	0.2	0.3	99.5	—	100.0
17 Bread and other bakery foods.....	32.7	8.6	58.2	0.5	100.0
18 Fruit and vegetable preparations.....	6.9	6.3	82.1	4.7	100.0
19 Sheet metal products.....	2.7	2.2	95.1	—	100.0
20 Hosiery and knitted goods.....	2.0	4.6	93.4	—	100.0
21 Agricultural implements.....	1.1	1.2	96.7	1.0	100.0
22 Printing and publishing.....	6.9	2.4	89.3	1.4	100.0
23 Furniture.....	11.5	10.6	77.9	0.0	100.0
24 Automobile supplies.....	1.4	0.9	97.7	—	100.0
25 Miscellaneous foods.....	6.7	3.8	89.5	—	100.0
26 Feeds, stock and poultry.....	9.7	6.2	70.2	13.9	100.0
27 Planing mills, sash and door factories.....	19.6	11.8	68.4	0.2	100.0
28 Breweries.....	0.0	—	100.0	—	100.0
29 Castings, iron.....	3.4	2.8	93.8	—	100.0
30 Brass and copper products.....	5.1	2.5	92.4	—	100.0
31 Fish curing and packing.....	11.1	5.3	74.3	9.3	100.0
32 Sugar refineries.....	—	—	100.0	—	100.0
33 Printing and bookbinding.....	16.8	8.8	72.5	1.9	100.0
34 Synthetic textiles and silk.....	0.4	—	99.6	—	100.0
35 Tobacco, cigars, and cigarettes.....	1.9	0.5	97.6	—	100.0
36 Shipbuilding and repairs.....	0.5	1.0	98.5	—	100.0
37 Boxes and bags, paper.....	2.4	2.4	95.2	—	100.0
38 Boots and shoes, leather.....	9.0	3.2	87.8	—	100.0
39 Confectionery, cocoa, etc.....	5.6	2.2	92.2	—	100.0
40 Coke and gas products.....	—	—	100.0	—	100.0

**18.—Principal Statistics of the Manufacturing Industries of Canada and Each
Province, Grouped According to the Type of Ownership, 1948**

Provinces and Groups	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Canada						
Individual ownership.....	15,459	81,788	115,551,881	8,861,303	310,153,086	520,190,137
Partnerships.....	5,487	51,252	81,605,212	4,360,110	190,527,994	335,041,821
Incorporated companies.....	11,497	1,011,971	2,195,128,897	287,996,025	5,968,835,170	10,820,615,002
Co-operatives.....	1,004	10,995	17,523,801	2,321,756	163,365,378	200,943,052
Totals.....	33,447	1,156,006	2,409,809,791	303,539,194	6,632,881,628	11,876,790,012
Prince Edward Island						
Individual ownership.....	136	422	323,107	48,368	1,266,206	1,976,758
Partnerships.....	40	191	161,513	19,867	711,890	1,024,908
Incorporated companies.....	57	1,018	1,492,292	140,089	9,461,015	12,624,593
Co-operatives.....	21	128	97,073	13,295	1,195,674	1,447,825
Totals.....	254	1,759	2,073,985	221,619	12,634,785	17,074,084

18.—Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Type of Ownership, 1948—concluded

Provinces and Groups	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Nova Scotia						
Individual ownership.....	795	3,972	4,219,849	373,307	13,592,379	22,459,581
Partnerships.....	242	1,621	1,821,630	130,934	5,322,048	8,777,741
Incorporated companies.....	369	24,274	45,994,837	8,993,458	120,012,478	212,096,352
Co-operatives.....	34	481	516,884	77,908	1,834,688	2,778,009
Totals.....	1,440	30,348	52,553,200	9,575,607	140,761,593	246,111,683
New Brunswick						
Individual ownership.....	592	2,647	2,839,436	281,586	8,136,171	13,791,280
Partnerships.....	142	1,007	1,211,839	75,720	2,411,672	4,513,272
Incorporated companies.....	303	20,267	39,435,133	8,356,351	118,912,678	210,312,110
Co-operatives.....	30	404	432,279	51,348	4,950,008	5,963,022
Totals.....	1,067	24,325	43,918,687	8,765,005	134,410,529	234,579,684
Quebec						
Individual ownership.....	5,753	33,360	45,870,765	3,178,783	122,007,366	204,507,172
Partnerships.....	1,421	17,215	26,895,770	1,207,289	58,590,107	107,223,124
Incorporated companies.....	3,424	329,984	678,917,032	105,865,781	1,711,581,323	3,215,836,137
Co-operatives.....	524	3,407	4,532,567	727,577	61,933,147	71,739,600
Totals.....	11,122	383,966	756,216,134	110,979,430	1,954,111,943	3,599,306,033
Ontario						
Individual ownership.....	5,008	28,461	43,678,443	3,417,795	124,820,479	202,948,972
Partnerships.....	2,103	20,974	36,632,389	1,808,354	86,619,937	147,716,651
Incorporated companies.....	4,825	500,262	1,126,963,325	132,582,238	2,881,198,536	5,360,054,535
Co-operatives.....	191	1,961	3,366,055	380,132	25,445,393	32,420,693
Totals.....	12,127	551,658	1,210,640,212	138,188,519	3,118,084,345	5,743,140,851
Manitoba						
Individual ownership.....	561	2,423	3,355,593	272,650	10,600,235	16,677,961
Partnerships.....	241	2,131	3,244,772	211,802	10,362,361	16,221,310
Incorporated companies.....	557	35,306	71,485,300	7,337,093	268,074,187	419,042,437
Co-operatives.....	41	697	1,218,211	126,634	7,569,486	10,259,472
Totals.....	1,400	40,557	79,303,876	7,948,179	296,606,269	462,201,180
Saskatchewan						
Individual ownership.....	526	1,557	1,931,957	226,635	4,314,213	7,959,922
Partnerships.....	147	758	1,043,999	113,394	4,148,911	6,204,609
Incorporated companies.....	201	7,457	16,037,645	3,248,608	142,009,721	180,343,013
Co-operatives.....	52	1,178	2,025,310	297,905	21,950,430	26,856,059
Totals.....	926	10,950	21,038,911	3,886,542	172,423,275	221,363,603
Alberta						
Individual ownership.....	802	2,985	3,924,586	412,151	11,243,632	19,188,111
Partnerships.....	301	2,313	3,385,799	285,235	10,154,101	17,670,523
Incorporated companies.....	402	19,586	40,963,918	4,333,492	216,116,619	309,856,399
Co-operatives.....	63	808	1,463,458	169,356	16,240,615	19,375,049
Totals.....	1,568	25,692	49,737,761	5,200,234	253,754,967	366,090,082
British Columbia						
Individual ownership.....	1,273	5,913	9,322,793	638,466	14,056,831	30,412,900
Partnerships.....	849	5,039	7,204,501	507,179	12,205,793	25,683,983
Incorporated companies.....	1,356	73,731	173,581,547	17,019,147	500,766,442	899,392,496
Co-operatives.....	48	1,931	3,871,964	477,601	22,245,937	30,103,323
Totals.....	3,526	86,614	193,980,805	18,642,393	549,275,003	985,592,702
Yukon and Northwest Territories						
Individual ownership.....	13	48	85,352	11,562	115,574	267,480
Partnerships.....	1	89	260,868	120,104	703,345	1,062,630
Incorporated companies.....	3					
Totals.....	17	137	346,220	131,666	818,919	1,330,110

19.—Principal Statistics of the Manufacturing Industries, Classified by Industrial Groups, and by Type of Ownership, 1948

Industrial Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1. Vegetable Products—						
Individual ownership....	3,424	15,787	20,826,041	3,251,186	82,714,314	123,125,110
Partnerships.....	795	6,207	8,959,054	1,090,419	39,197,132	57,600,484
Incorporated companies..	1,548	116,734	231,536,002	23,466,473	1,021,113,289	1,687,274,615
Co-operatives.....	145	2,057	3,050,695	345,376	29,083,669	34,985,756
Totals.....	5,912	140,785	264,371,792	28,153,454	1,172,108,404	1,902,985,965
2. Animal Products—						
Individual ownership....	1,623	10,022	14,190,112	1,549,476	95,057,732	120,414,970
Partnerships.....	553	5,846	9,575,638	648,281	53,480,222	70,373,969
Incorporated companies..	1,347	80,057	152,428,181	11,799,311	928,436,359	1,220,486,998
Co-operatives.....	800	6,892	10,582,686	1,773,557	126,720,456	151,103,039
Totals.....	4,323	102,817	186,776,617	15,770,625	1,203,691,769	1,562,378,976
3. Textiles and Textile Products—						
Individual ownership....	832	11,439	17,855,534	351,440	34,035,282	66,397,921
Partnerships.....	615	12,522	21,811,394	344,542	40,798,948	79,516,523
Incorporated companies..	1,739	158,256	275,384,502	13,643,877	570,343,317	1,091,577,623
Co-operatives.....	18	191	221,612	26,312	5,553	636,895
Totals.....	3,204	182,408	315,273,042	14,366,171	645,183,100	1,238,128,962
4. Wood and Paper Products—						
Individual ownership....	7,978	33,350	43,577,229	2,530,287	78,587,548	157,275,092
Partnerships.....	2,621	17,718	25,338,600	1,292,461	40,815,765	84,451,460
Incorporated companies..	3,175	204,467	463,024,939	73,819,510	892,125,623	1,967,450,414
Co-operatives.....	32	1,403	2,716,026	102,345	2,313,356	6,808,096
Totals.....	13,806	256,938	534,656,794	77,744,603	1,013,842,292	2,215,985,062
5. Iron and Its Products—						
Individual ownership....	636	5,266	9,719,422	465,900	8,936,041	25,555,039
Partnerships.....	404	4,246	7,878,578	351,805	6,725,644	19,438,585
Incorporated companies..	1,504	259,892	634,562,042	52,340,376	1,059,602,194	2,205,755,343
Co-operatives.....	4	372	793,672	38,270	1,631,140	3,028,066
Totals.....	2,548	269,776	652,953,714	53,196,351	1,076,895,019	2,253,777,033
6. Non-ferrous Metal Products—						
Individual ownership....	180	1,765	3,105,512	157,125	3,513,155	8,598,563
Partnerships.....	118	1,684	3,027,886	116,122	3,853,181	9,009,283
Incorporated companies..	519	96,472	224,758,862	43,906,973	729,217,111	1,252,715,557
Totals.....	817	99,921	230,892,260	44,180,220	736,583,447	1,270,323,433
Non-metallic Mineral Products—						
Individual ownership....	339	1,776	2,767,832	378,855	2,655,363	7,837,209
Partnerships.....	166	1,448	2,659,724	408,862	2,404,821	7,358,614
Incorporated companies..	504	37,732	88,155,166	49,747,957	436,552,610	708,914,395
Totals.....	1,009	40,956	93,582,722	50,535,674	441,612,794	724,110,218
8. Chemicals and Allied Products—						
Individual ownership....	201	664	1,028,700	66,476	2,014,881	4,086,159
Partnerships.....	70	299	473,629	26,645	987,421	2,012,513
Incorporated companies..	750	38,505	87,664,332	17,838,396	286,428,368	569,347,637
Co-operatives.....	5	80	159,110	35,896	3,611,204	4,381,200
Totals.....	1,026	39,548	89,325,771	17,967,413	293,041,874	579,827,509

19.—Principal Statistics of the Manufacturing Industries, Classified by Industrial Groups, and by Type of Ownership, 1948—concluded

Industrial Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
9. Miscellaneous Industries—						
Individual ownership....	246	1,719	2,481,499	110,558	2,638,770	6,900,044
Partnerships.....	145	1,282	1,880,709	80,973	2,264,860	5,280,390
Incorporated companies..	411	19,856	37,614,871	1,433,152	45,016,299	117,092,420
Totals.....	802	22,857	41,977,079	1,624,683	49,919,929	129,272,854

Subsection 6.—Leading Manufacturing Industries

In the following statement, the rank of the ten leading industries in 1948, from the standpoint of gross value of production, is compared with their respective ranks in significant years since 1922.

Industry	Rank in—							
	1948	1947	1944	1939	1937	1933	1929	1922
Pulp and paper.....	1	1	5	2	2	1	1	2
Slaughtering and meat packing.....	2	2	1	3	3	3	2	3
Non-ferrous metal smelting and refining..	3	3	2	1	1	2	9	1
Electrical apparatus and supplies.....	4	5	8	9	8	16	8	17
Sawmills.....	5	4	11	8	7	14	5	4
Automobiles.....	6	6	7	5	4	11	4	6
Petroleum products.....	7	9	14	6	9	6	10	9
Butter and cheese.....	8	8	10	4	6	5	6	5
Flour and feed mills.....	9	7	12	7	5	4	3	1
Primary iron and steel.....	10	10	13	11	12	31	16	20

¹ Did not rank among forty leading industries in 1922.

A prominent feature of Canadian manufacturing development during the past 25 years has been the rapid growth of non-ferrous metal smelting. This industry, based upon the rich base-metal resources of the country, has taken its place among the leading manufactures along with the industries based upon forest, agricultural and live-stock resources.

The incidence of the depression resulted in a rearrangement in the ranking of many industries which in some cases has proved to be temporary. During the War, the industries engaged in producing the equipment needed by the Armed Forces, such as shipbuilding, aircraft, automobiles, miscellaneous chemical products, and primary iron and steel, advanced to higher positions. When the War ended, the industries engaged in the production of consumer goods, by reason of the expanded demand for their products, bettered their positions. Pulp and paper, after a lapse for a number of years, resumed its premier position.

The same industries in the lead in 1947 remained in the first ten places in 1948 although the order changed slightly. Electrical apparatus moved up from fifth to fourth place and petroleum products from ninth to seventh place. Sawmills, on the other hand, dropped from fourth to fifth place and flour and feed mills from seventh to ninth place.

**20.—Principal Statistics of the Forty Leading Industries of Canada, Ranked
According to Gross Value of Products, 1947**

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1 Pulp and paper.....	115	49,946	129,477,995	295,444,332	356,084,900	706,971,628
2 Slaughtering and meat packing.	151	21,726	44,611,145	406,694,207	77,054,061	486,916,554
3 Non-ferrous metal smelting and refining.....	16	17,449	40,767,871	308,267,931	115,798,652	453,033,942
4 Sawmills.....	6,481	55,425	83,360,452	208,543,819	190,514,978	402,133,298
5 Electrical apparatus and supplies	296	52,736	103,891,016	162,131,266	200,859,040	366,506,203
6 Automobiles.....	9	23,837	58,407,977	226,845,132	111,740,607	340,918,195
7 Flour and feed mills.....	961	8,285	14,832,059	280,674,476	41,020,372	324,152,457
8 Butter and cheese.....	2,037	20,757	32,405,745	238,667,589	66,025,020	309,727,758
9 Petroleum products.....	46	7,760	17,877,820	217,516,071	58,325,652	288,500,286
10 Primary iron and steel.....	58	26,933	60,285,368	104,532,334	92,879,888	216,275,618
11 Machinery.....	322	29,920	61,969,692	74,101,757	124,576,615	200,894,754
12 Rubber goods, inc. footwear....	60	23,475	46,613,893	82,934,625	110,673,007	196,307,734
13 Clothing, women's factory.....	1,169	30,969	50,357,121	92,713,574	91,158,213	184,305,430
14 Clothing, men's factory.....	566	29,817	45,486,784	98,082,593	84,575,371	183,166,033
15 Bread and other bakery pro- ducts.....	2,942	31,501	47,896,265	80,084,523	80,476,461	165,749,588
16 Railway rolling-stock.....	37	28,526	61,754,235	73,076,408	82,389,093	159,283,149
17 Cotton yarn and cloth.....	45	24,089	35,444,413	99,599,159	55,460,989	158,272,431
18 Fruit and vegetable preparations	502	17,036	22,199,466	89,332,550	61,349,705	152,712,901
19 Automobile supplies.....	128	17,487	36,559,864	65,430,940	64,028,974	131,534,939
20 Sheet metal products.....	253	17,637	33,261,819	68,591,605	59,254,654	129,494,950
21 Hosiery and knitted goods.....	262	26,511	35,646,663	59,557,427	66,851,127	127,837,570
22 Miscellaneous food industries...	303	7,005	11,153,337	94,412,054	32,332,238	127,439,940
23 Furniture.....	1,046	24,781	41,277,665	59,277,186	65,490,308	126,198,873
24 Printing and publishing.....	771	23,105	46,990,709	34,113,405	90,280,426	125,571,639
25 Feeds, stock and poultry.....	285	4,436	7,901,202	100,384,042	19,235,753	120,553,040
26 Breweries.....	61	9,378	21,067,092	25,871,001	86,800,811	114,546,810
27 Shipbuilding.....	74	21,119	46,457,707	37,263,603	71,213,925	110,131,129
28 Fish curing and packing.....	594	12,043	15,860,682	62,780,333	41,081,688	105,272,682
29 Boots and shoes, leather.....	295	21,433	30,039,570	57,444,765	46,201,865	104,147,182
30 Castings, iron.....	216	18,167	38,201,506	36,201,211	63,687,150	102,515,842
31 Planing mills, sash and door factories.....	1,246	15,874	24,261,579	57,184,102	39,071,060	97,499,464
32 Brass and copper products.....	161	10,417	21,227,616	60,387,706	34,595,129	96,549,840
33 Tobacco, cigars and cigarettes..	75	9,371	14,032,054	48,785,199	43,185,902	92,278,522
34 Printing and bookbinding.....	1,460	20,374	35,305,718	33,596,332	57,432,081	91,869,368
35 Boxes and bags, paper.....	165	12,227	19,390,377	53,059,806	37,889,859	91,641,607
36 Agricultural implements.....	61	16,013	31,244,006	49,799,417	38,162,131	89,423,469
37 Synthetic textiles and silk.....	40	14,728	24,284,463	32,659,919	49,809,478	84,869,922
38 Sugar refineries.....	11	3,003	6,309,481	63,883,259	14,204,767	80,194,369
39 Paper goods, miscellaneous.....	196	8,327	14,009,906	45,510,706	33,921,609	80,106,905
40 Hardware, tools and cutlery....	288	14,934	28,904,293	25,033,959	53,028,657	79,536,832
Totals, Leading Industries.	23,804	828,557	1,541,026,626	4,310,470,323	3,108,722,216	7,605,042,853
Totals, All Industries.....	32,734	1,131,750	2,085,925,966	5,534,280,019	4,292,055,802	10,081,026,580
Percentages of Leading Indus- tries to All Industries.....	72.7	73.2	73.9	77.9	72.4	75.4
Primary Textiles ¹	692	91,958	138,137,293	288,885,664	253,545,222	552,883,872

¹ On a broader classification basis, the primary textile industry, which includes the production of cottons, woollens, synthetic textiles and silk, hosiery and knitted goods, the dyeing and finishing of textiles, narrow fabrics and cordage rope and twine, ranks first in number of employees, first in salaries and wages paid and second in gross value of production.

21.—Principal Statistics of the Forty Leading Industries of Canada, Ranked According to Gross Value of Products, 1948

	Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
		No.	No.	\$	\$	\$	\$
1	Pulp and paper.....	117	51,924	151,662,761	349,244,083	412,770,470	825,857,664
2	Slaughtering and meat packing.....	140	21,879	51,828,514	593,530,918	92,329,708	689,546,149
3	Non-ferrous metal smelting and refining.....	17	19,701	52,276,837	393,264,689	146,830,891	576,383,967
4	Electrical apparatus and supplies.....	314	53,873	122,113,644	180,344,829	241,333,960	425,725,279
5	Sawmills.....	7,035	56,756	95,065,676	208,568,170	196,936,196	409,267,472
6	Automobiles.....	11	24,703	68,477,721	249,754,235	145,601,075	398,056,575
7	Petroleum products.....	44	8,495	22,061,959	314,149,364	63,137,198	394,934,200
8	Butter and cheese.....	1,951	21,824	37,916,487	299,188,542	73,102,643	378,230,072
9	Flour and feed mills.....	924	7,124	14,055,651	269,249,436	39,294,079	310,768,700
10	Primary iron and steel.....	55	29,367	77,357,760	132,779,063	125,276,948	282,167,150
11	Railway rolling-stock.....	38	31,371	77,861,850	127,092,740	105,663,801	237,382,892
12	Machinery.....	339	29,963	69,523,844	86,362,337	143,759,382	232,605,829
13	Clothing, women's factory.....	1,160	33,416	59,363,042	114,028,998	108,271,992	222,814,726
14	Clothing, men's factory.....	563	31,092	50,988,960	111,670,816	96,772,118	209,028,369
15	Cotton yarn and cloth.....	47	24,813	45,955,981	119,738,802	80,069,272	203,446,901
16	Rubber goods, including foot- wear.....	56	21,703	48,273,015	84,223,731	106,999,669	194,111,934
17	Bread and other bakery pro- ducts.....	2,859	31,543	53,407,360	94,383,761	87,500,925	187,933,333
18	Fruit and vegetable preparations.....	499	16,644	25,450,961	98,326,213	64,783,043	165,505,303
19	Sheet metal products.....	264	17,346	37,108,588	81,134,995	69,516,241	152,560,903
20	Hosiery and knitted goods.....	271	27,634	42,807,416	69,114,815	77,806,848	148,556,159
21	Agricultural implements and machinery.....	69	19,111	45,270,673	81,590,570	63,368,436	146,956,254
22	Printing and publishing.....	781	24,443	54,580,901	41,207,416	103,644,865	146,213,769
23	Furniture.....	1,128	25,893	47,666,696	64,188,875	76,441,875	142,242,765
24	Automobile supplies.....	137	16,388	39,226,370	70,004,484	67,722,822	140,068,414
25	Miscellaneous food industries.....	294	6,440	11,443,469	99,667,103	32,807,509	133,284,924
26	Feeds, stock and poultry.....	318	4,324	8,472,470	110,950,503	18,868,510	130,946,727
27	Planing mills, sash and door factories.....	1,391	17,794	30,478,968	75,571,314	50,484,256	127,570,675
28	Breweries.....	61	8,407	21,252,568	34,995,002	98,783,407	126,939,136
29	Castings, iron.....	225	19,354	46,387,940	49,005,345	71,414,808	123,738,693
30	Brass and copper products.....	168	10,661	24,251,055	79,921,765	40,637,792	122,382,484
31	Fish curing and packing.....	600	12,243	17,041,373	74,587,025	39,468,334	115,838,169
32	Sugar refineries.....	11	3,267	7,662,318	88,031,106	22,725,610	113,510,547
33	Printing and bookbinding.....	1,500	21,207	41,947,998	38,564,261	69,429,038	108,978,208
34	Synthetic textiles and silk.....	45	16,097	30,738,856	41,178,371	62,950,746	107,141,830
35	Tobacco, cigars and cigarettes.....	62	8,959	17,127,448	53,617,566	53,136,323	107,076,810
36	Shipbuilding and repairs.....	76	18,399	44,998,444	38,999,154	66,082,386	106,783,268
37	Boxes and bags, paper.....	172	12,357	22,565,768	63,924,456	41,509,793	106,225,987
38	Boots and shoes, leather.....	292	21,265	32,513,272	56,073,584	48,731,578	105,339,643
39	Confectionery, cocoa, etc.....	196	10,076	15,227,428	56,396,133	45,354,894	102,686,263
40	Coke and gas products.....	31	5,183	12,704,382	54,885,797	33,926,808	97,027,694
Totals, Leading Industries.		24,261	843,039	1,775,116,424	5,249,510,967	3,576,246,249	9,055,835,837
Totals, All Industries.....		33,447	1,156,006	2,409,809,791	6,632,881,628	4,940,369,190	11,760,090,012
Percentages of Leading Indus- tries to All Industries.....		72.5	72.9	73.7	79.1	72.3	76.2
Primary Textiles ¹		706	95,419	169,155,817	342,078,979	310,546,288	664,793,993

¹ On a broader classification basis, the primary textile industry, which includes the production of cottons, woollens, synthetic textiles and silk, hosiery and knitted goods, and the dyeing and finishing of textiles, ranks first in number of employees, and salaries and wages paid and third in gross value of production.

Section 4.—Principal Factors in Manufacturing Production

The subjects treated under this Section include capital, employment, salaries and wages, size of establishments and power and fuel used in manufacturing.

Subsection 1.—Capital Employed

The remarkable increase in capital employed in Canadian manufactures from the beginning of the twentieth century has, of course, run parallel with the rapid growth in industrial operations. From 1900 to 1905 the capital increased from \$446,900,000 to \$833,900,000, and advanced to \$1,958,700,000 in 1915. During this period returns were received from establishments with 5 hands or over, and, while the rise in wholesale prices did not exceed 37 p.c., the capital employed in manufactures increased nearly 340 p.c.

The capital investment in 1943 in all establishments, irrespective of the number of employees, but exclusive of central electric stations, was \$6,317,000,000 as compared with \$2,234,000,000 in 1917, an increase of 171 p.c., while wholesale prices declined about 13 p.c. in the same period.

Prior to 1944 the following information on capital investment was collected: Fixed Capital—Land, buildings, fixtures, machinery, tools and other equipment. Working Capital—(1) Inventory value of raw materials, stocks in process, fuel and miscellaneous supplies on hand; (2) Inventory value of finished products; (3) Cash, bills and accounts receivable, prepaid expenses, etc.

This was replaced by the collection of expenditure statistics on fixed capital, repairs and maintenance. Although it is now impossible to calculate the total investment in both the fixed and current assets in manufacturing, it is still possible to calculate the investment in fixed assets. By starting with the total investment in 1943 and adding the expenditures to date and then deducting on a straight-line basis the normal rates of depreciation allowed by the Income Tax Department, viz., $2\frac{1}{2}$ p.c. on stone or brick buildings, 5 p.c. on wooden structures and 10 p.c. on machinery and equipment, the total investment in fixed assets can be obtained with an approximate degree of accuracy. In depreciating the assets, no account can be taken of the depreciation of special types of machinery, such as motor-vehicles, which carry a higher rate or to double or other special allowances approved by the Income Tax Department in certain cases.

The calculation of the value of the fixed assets as at the end of 1948 is as follows:—

(Millions of Dollars)

Year	Construction			Machinery and Equipment		
	Expenditures Made	Rate of Depreciation to End of 1948	Amount of Depreciation	Expenditures Made	Rate of Depreciation to End of 1948	Amount of Depreciation
1944.....	61.3	12½	7.66	150.1	50	75.00
1945.....	75.9	10	7.59	204.2	40	81.68
1946.....	132.2	7½	9.92	205.0	30	61.50
1947.....	184.7	5	9.24	343.2	20	68.64
1948.....	184.8	2½	4.62	394.2	10	39.42
Totals.....	638.9	—	39.03	1,296.7	—	326.24
Depreciation..	39.0	—	—	326.2	—	—
Net additions to end of 1948.....	599.9	—	—	970.5	—	—

Comparative figures of the investment in fixed assets since 1939 are as follows:—

	Amount	Average per Employee
	\$'000,000	\$
1939.....	2,168.9	3,296
1943.....	3,002.9	2,420
1948 (\$3,002.9 plus \$1,570.4).....	4,573.3	3,956

Between 1939 and 1943 there was a drop of \$876 in the value of fixed assets per employee. This decline was due to two factors: (1) a decline in the replacement and additions to buildings and equipment, resulting from the restrictions made necessary by the war effort; and (2) an increase in the number of shifts worked which increased the number of employees without a corresponding increase in equipment. After the end of the war investment in fixed assets became increasingly rapid. Old plants were modernized and new plants built to take care of the expanded home market resulting from an increased population and higher purchasing power. The net result in this development was an increase of \$660 in the value of buildings and equipment per employee between 1939 and 1948.

Capital expenditures by manufacturers in 1948 totalled \$184,800,000 for construction and \$394,200,000 for machinery and equipment, while \$332,800,000 were spent for repairs and maintenance. Of the total capital expenditure amounting to \$579,000,000 in 1948, 15.5 p.c. was reported by the paper products group of industries, 15.3 p.c. by the food group, 9.7 p.c. by iron and steel, 7.4 p.c. by products of petroleum and coal, 7.2 p.c. by chemical products, 6.1 p.c. by the textile industries, except clothing, 4.9 p.c. by non-metallic minerals, 4.6 p.c. by wood products, 4.4 p.c. by non-ferrous metal products, etc.

22.—Capital, Repair and Maintenance Expenditures by the Manufacturing Industries, by Provinces and Industrial Groups, 1948, with Totals for 1944-47

Year, Province or Group	Capital Expenditure			Repairs and Maintenance Expenditures		
	Con- struction	Machinery and Equipment	Total	Con- struction	Machinery and Equipment	Total
	\$'000,000	\$'000,000	\$'000,000	\$'000,000	\$'000,000	\$'000,000
1944.....	61.3	150.1 ¹	211.4	60.7	173.5	234.2
1945.....	75.9	204.2 ¹	280.1	63.1	170.6	233.7
1946.....	132.2	205.0	337.2	56.8	164.3	221.1
1947.....	184.7	343.2	527.9	62.4	210.7	273.1
Provinces, 1948						
Prince Edward Island.....	0.1	0.3	0.4	0.1	0.2	0.3
Nova Scotia.....	5.9	6.5	12.4	5.0	5.8	10.8
New Brunswick.....	4.4	10.7	15.1	1.2	7.1	8.3
Quebec.....	58.1	127.3	185.4	20.5	76.6	97.1
Ontario.....	89.4	200.7	290.1	38.3	123.4	161.7
Manitoba.....	2.6	8.3	10.9	2.2	6.1	8.3
Saskatchewan.....	2.0	3.3	5.3	1.0	1.5	2.5
Alberta.....	9.6	6.7	16.3	2.0	4.8	6.8
British Columbia.....	12.7	30.4	43.1	8.6	28.4	37.0
Totals, 1948.....	184.8	394.2	579.0	78.9	253.9	332.8

¹ Includes allowance for capital items charged to operating expense of \$18,000,000 in 1944 and \$23,900,000 in 1945.

22.—Capital, Repair and Maintenance Expenditures by the Manufacturing Industries, by Provinces and Industrial Groups, 1948, with Totals for 1944-47—concluded

Group and Year	Capital Expenditures			Repairs and Maintenance Expenditures		
	Con- struction	Machinery and Equipment	Total	Con- struction	Machinery and Equipment	Total
	\$'000,000	\$'000,000	\$'000,000	\$'000,000	\$'000,000	\$'000,000
Industrial Groups, 1948						
Food and beverages.....	31.9	56.5	88.4	13.2	28.6	41.8
Tobacco and tobacco products...	0.8	1.9	2.7	0.5	1.3	1.8
Rubber products.....	1.5	4.5	6.0	0.9	4.6	5.5
Leather products.....	1.2	2.2	3.4	1.0	2.6	3.6
Textile products (except clothing)	6.5	29.1	35.6	3.9	14.2	18.1
Clothing (textile and fur).....	2.1	10.2	12.3	2.2	4.8	7.0
Wood products.....	7.9	18.5	26.4	7.1	18.9	26.0
Paper products.....	29.1	60.4	89.5	7.0	47.3	54.3
Printing, publishing and allied trades.....	7.0	12.4	19.4	1.6	3.9	5.5
Iron and steel products.....	19.6	36.7	56.3	12.0	38.4	50.4
Transportation equipment.....	5.4	10.0	15.4	5.3	16.8	22.1
Non-ferrous metal products.....	8.9	16.8	25.7	7.8	25.9	33.7
Electrical apparatus and supplies.	4.8	11.9	16.7	2.2	8.7	10.9
Non-metallic mineral products...	11.1	17.0	28.1	2.3	13.3	15.6
Products of petroleum and coal..	29.3	13.4	42.7	6.6	6.3	12.9
Chemical products.....	15.0	26.9	41.9	4.3	15.8	20.1
Miscellaneous.....	2.7	65.8	68.5	1.0	2.5	3.5

23.—Capital, Repair and Maintenance Expenditures by the Manufacturing Industries, by Industrial Groups, 1944-48

Group and Year	Capital Expenditures			Repairs and Maintenance Expenditures		
	Con- struction	Machinery and Equipment	Total	Con- struction	Machinery and Equipment	Total
	\$'000,000	\$'000,000	\$'000,000	\$'000,000	\$'000,000	\$'000,000
Food and Beverages—						
1944.....	10.7	11.4	22.1	8.5	21.2	29.7
1945.....	18.2	16.2	34.4	11.6	19.8	31.4
1946.....	24.7	28.4	53.1	12.3	20.5	32.8
1947.....	33.0	49.8	82.8	10.8	25.7	36.5
1948.....	31.9	56.5	88.4	13.2	28.6	41.8
Tobacco and Tobacco Products—						
1944 ¹	—	—	—	—	—	—
1945 ¹	—	—	—	—	—	—
1946.....	1.2	0.9	2.1	0.5	0.6	1.1
1947.....	1.0	2.1	3.1	0.5	1.0	1.5
1948.....	0.8	1.9	2.7	0.5	1.3	1.8
Rubber Products (including Footwear)—						
1944 ¹	—	—	—	—	—	—
1945 ¹	—	—	—	—	—	—
1946.....	3.9	3.6	7.5	1.1	3.7	4.8
1947.....	2.4	7.8	10.2	1.3	6.1	7.4
1948.....	1.5	4.5	6.0	0.9	4.6	5.5
Leather Products—						
1944 ¹	—	—	—	—	—	—
1945 ¹	—	—	—	—	—	—
1946.....	1.6	1.6	3.2	1.1	2.4	3.5
1947.....	1.2	2.0	3.2	0.9	2.9	3.8
1948.....	1.2	2.2	3.4	1.0	2.6	3.6
Textile Products (except Clothing)—						
1944.....	1.8	4.9	6.7	2.8	7.6	10.4
1945.....	1.3	7.7	9.0	2.9	8.5	11.4
1946.....	8.4	16.2	24.6	3.3	10.2	13.5
1947.....	10.9	25.7	36.6	2.8	12.2	15.0
1948.....	6.5	29.1	35.6	3.9	14.2	18.1
Clothing (Textile and Fur)—						
1944.....	2.8	1.1	3.9	3.8	3.3	7.1
1945.....	9.2	4.4	13.6	2.1	3.1	5.2
1946.....	2.6	5.8	8.4	2.2	3.8	6.0
1947.....	3.7	10.3	14.0	1.9	4.7	6.6
1948.....	2.1	10.2	12.3	2.2	4.8	7.0

¹ Figures not compiled separately; they are, however, included in the total.

23.—Capital, Repair and Maintenance Expenditures by the Manufacturing Industries, by Industrial Groups, 1944-48—concluded

Group and Year	Capital Expenditures			Repairs and Maintenance Expenditures		
	Con- struction	Machinery and Equipment	Total	Con- struction	Machinery and Equipment	Total
	\$'000,000	\$'000,000	\$'000,000	\$'000,000	\$'000,000	\$'000,000
Wood Products—						
1944.....	2.9	2.4	5.3	4.6	13.5	18.1
1945.....	1.6	3.6	5.2	5.3	15.2	20.5
1946.....	10.9	9.5	20.4	5.7	12.2	17.9
1947.....	11.4	20.7	32.1	6.5	15.6	22.1
1948.....	7.9	18.5	26.4	7.1	18.9	26.0
Paper Products—						
1944.....	8.0	6.7	14.7	1.9	32.3	34.2
1945.....	5.8	10.8	16.6	1.9	34.7	36.6
1946.....	27.2	27.8	55.0	5.3	28.4	33.7
1947.....	31.2	49.8	81.0	6.4	37.3	43.7
1948.....	29.1	60.4	89.5	7.0	47.3	54.3
Printing, Publishing and Allied Trades—						
1944.....	0.2	2.2	2.4	0.6	3.9	4.5
1945.....	3.9	2.1	6.0	0.8	5.1	5.9
1946.....	2.9	4.4	7.3	1.3	2.4	3.7
1947.....	5.4	8.4	13.8	1.6	3.2	4.8
1948.....	7.0	12.4	19.4	1.6	3.9	5.5
Iron and Steel Products—						
1944.....	10.1	22.2	32.3	6.5	26.2	32.7
1945.....	12.8	18.5	31.3	7.7	24.6	32.3
1946.....	14.9	22.0	36.9	8.4	22.8	31.2
1947.....	16.0	38.9	54.9	10.1	32.4	42.5
1948.....	19.6	36.7	56.3	12.0	38.4	50.4
Transportation Equipment—						
1944.....	1.6	4.7	6.3	11.0	20.8	31.8
1945.....	2.2	8.6	10.8	8.1	17.2	25.3
1946.....	5.4	10.3	15.7	3.7	14.4	18.1
1947.....	5.2	8.9	14.1	3.1	14.2	17.3
1948.....	5.4	10.0	15.4	5.3	16.8	22.1
Non-ferrous Metal Products—						
1944.....	6.4	2.4	8.8	5.0	15.3	20.3
1945.....	0.7	3.5	4.2	3.8	12.7	16.5
1946.....	2.3	5.3	7.6	3.1	12.2	15.3
1947.....	6.7	9.4	16.1	4.7	16.4	21.1
1948.....	8.9	16.8	25.7	7.8	25.9	33.7
Electrical Apparatus and Supplies—						
1944.....	—	—	—	—	—	—
1945.....	—	—	—	—	—	—
1946.....	3.0	8.7	11.7	1.2	5.0	6.2
1947.....	5.3	9.7	15.0	2.0	7.1	9.1
1948.....	4.8	11.9	16.7	2.2	8.7	10.9
Non-metallic Mineral Products—						
1944.....	1.4	1.2	2.6	0.8	6.5	7.3
1945.....	3.1	2.1	5.2	0.8	7.0	7.8
1946.....	3.5	4.2	7.7	1.4	8.4	9.8
1947.....	11.3	10.6	21.9	1.6	9.9	11.5
1948.....	11.1	17.0	28.1	2.3	13.3	15.6
Products of Petroleum and Coal—						
1944.....	—	—	—	—	—	—
1945.....	—	—	—	—	—	—
1946.....	5.2	4.6	9.8	2.4	5.2	7.6
1947.....	23.3	10.4	33.7	3.4	7.8	11.2
1948.....	29.3	13.4	42.7	6.6	6.3	12.9
Chemical Products—						
1944.....	1.4	1.6	3.0	3.7	8.1	11.8
1945.....	4.0	3.6	7.6	4.2	7.2	11.4
1946.....	11.6	8.0	19.6	2.9	10.3	13.2
1947.....	14.4	19.3	33.7	4.0	12.5	16.5
1948.....	15.0	26.9	41.9	4.3	15.8	20.1
Miscellaneous Industries—						
1944.....	1.3	81.42	82.7	1.0	1.9	2.9
1945.....	1.7	110.72	112.4	1.0	1.9	2.9
1946.....	2.9	43.7	46.6	0.9	1.8	2.7
1947.....	2.3	59.4	61.7	0.8	1.7	2.5
1948.....	2.7	65.8	68.5	1.0	2.5	3.5

¹ Figures not compiled separately; they are, however, included in the total. ² Includes allowance for capital items charged to operating expense of \$18,000,000 in 1944 and \$23,900,000 in 1945.

Subsection 2.—Employment in Manufactures

Monthly Record of Employment.—Ordinarily, manufacturing employment in Canada reaches its highest point during the summer months. Some of the seasonal industries, such as canning, are most active then, textile industries are preparing winter goods, and industry generally feels the active demand of the agricultural purchasing power resulting from the prospect of the season's harvest.

After the setback of 1929, employment in 1930, 1931, 1932 and the first half of 1933 declined steadily, the monthly employment figures in each case being lower than the corresponding month of the previous year. The peak of employment in June, 1929, when 575,693 wage-earners were on the payrolls, was surpassed in September, 1937, with 582,305 wage-earners. After the outbreak of war the improvement in employment became increasingly rapid. A record high was reached in August, 1943, when 1,067,890 wage-earners were employed, an increase of 96.4 p.c. over the same month in 1939. The highest employment during 1944 occurred in June when 1,049,557 wage-earners were employed. From then on employment declined steadily to the end of 1945 when 819,619 wage-earners were reported. At the end of 1948 there were 925,625 wage-earners employed, compared with an employment of 961,820 wage-earners in December, 1944, and 1,021,630 in December 1943.

24.—Wage-Earners Employed in the Manufacturing Industries, by Months and Sex, Significant Years, 1922-48

Month	1922	1929	1933	1939	1943	1946	1947	1948
ALL WAGE-EARNERS								
January.....	324,257	502,644	340,027	490,337	1,023,261	832,096	892,866	932,286
February.....	336,729	519,423	347,777	496,160	1,030,878	836,643	899,937	934,038
March.....	349,110	536,866	355,888	503,475	1,036,648	848,408	910,189	934,058
April.....	360,248	555,711	358,759	509,739	1,033,748	868,372	923,410	940,627
May.....	382,504	574,905	377,659	530,864	983,058	885,034	941,908	959,926
June.....	393,935	575,693	392,196	531,245	1,058,645	891,810	955,648	978,438
July.....	391,186	573,554	393,464	529,575	1,056,975	884,704	963,960	974,409
August.....	389,511	567,022	402,249	543,605	1,067,890	892,482	964,388	984,736
September.....	392,423	564,796	410,954	562,355	1,066,595	888,728	964,273	986,472
October.....	385,262	553,338	405,757	568,564	1,053,486	897,549	960,947	966,610
November.....	378,992	527,213	396,384	563,117	1,049,738	896,389	951,822	955,543
December.....	367,724	499,893	380,612	544,817	1,021,630	870,356	922,037	925,625
MALE								
January.....	243,682	397,459	257,445	381,997	751,269	620,965	679,070	715,907
February.....	253,178	410,865	260,728	385,955	755,181	626,494	685,089	718,077
March.....	263,849	426,713	267,259	391,623	757,702	638,334	694,601	722,776
April.....	274,821	443,560	271,348	398,982	755,888	659,570	708,473	729,914
May.....	294,095	459,783	285,705	416,963	764,158	673,775	726,363	746,892
June.....	304,396	460,294	296,937	417,975	776,003	680,475	738,774	762,229
July.....	304,020	459,051	300,329	417,987	779,687	676,153	746,759	758,329
August.....	301,234	449,721	302,969	421,895	777,733	674,051	743,904	759,773
September.....	298,918	441,510	304,908	431,509	767,043	666,246	736,544	754,871
October.....	291,973	432,576	301,315	437,220	754,484	675,564	732,925	740,058
November.....	286,511	412,114	294,945	432,920	753,211	675,335	726,380	732,009
December.....	277,854	391,903	285,690	422,538	738,073	661,336	708,963	713,613
FEMALE								
January.....	80,575	105,185	82,582	108,340	271,992	211,131	213,796	216,379
February.....	83,551	108,558	87,049	110,205	275,697	210,149	214,848	215,961
March.....	85,261	110,153	88,629	111,852	278,946	210,074	215,588	211,282
April.....	85,427	112,142	87,411	110,757	277,860	208,802	214,937	210,713
May.....	88,409	115,122	91,954	113,901	218,900	211,259	215,545	213,034
June.....	89,540	115,399	95,259	113,270	282,642	211,335	216,874	216,209
July.....	87,166	114,503	93,135	111,588	277,288	208,551	217,201	216,080
August.....	88,277	117,301	99,280	121,710	290,157	218,431	220,484	224,963
September.....	93,505	123,286	106,046	130,846	299,552	222,482	227,729	231,601
October.....	93,289	120,762	104,442	131,344	290,002	221,985	228,022	226,552
November.....	92,481	115,099	101,439	130,197	296,527	221,054	225,442	223,534
December.....	89,870	107,990	94,922	122,279	283,557	209,020	213,074	212,012

**25.—Wage-Earners Employed in the Manufacturing Industries, by Months,
Sex and Province, 1947-48**

Province	1947			1948		
	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.
Prince Edward Island—						
January.....	640	188	828	570	137	707
February.....	626	198	824	615	136	751
March.....	680	166	846	661	124	785
April.....	817	129	946	794	124	918
May.....	1,470	908	2,378	1,389	819	2,208
June.....	1,476	889	2,365	1,323	798	2,121
July.....	1,149	615	1,764	1,048	446	1,494
August.....	1,229	735	1,964	1,146	589	1,735
September.....	997	530	1,527	998	400	1,398
October.....	873	317	1,190	947	308	1,255
November.....	817	230	1,047	817	240	1,057
December.....	662	142	804	721	167	888
Nova Scotia—						
January.....	20,352	3,784	24,136	21,114	3,705	24,819
February.....	19,982	3,426	23,408	20,307	3,284	23,591
March.....	20,061	2,971	23,032	20,682	3,095	23,777
April.....	21,586	3,231	24,817	21,586	3,189	24,775
May.....	22,743	3,919	26,662	23,015	3,857	26,872
June.....	23,395	4,003	27,398	23,911	4,008	27,919
July.....	23,920	3,947	27,867	23,855	3,980	27,835
August.....	23,366	3,971	27,337	23,886	4,026	27,912
September.....	22,636	4,025	26,961	22,975	3,960	26,935
October.....	22,578	4,138	26,716	22,054	3,794	25,848
November.....	21,990	4,111	26,101	21,677	3,751	25,428
December.....	21,374	3,904	25,278	20,633	3,403	24,036
New Brunswick—						
January.....	14,649	2,941	17,590	15,578	3,497	19,075
February.....	15,107	3,037	18,144	15,276	3,547	18,823
March.....	15,767	3,097	18,864	16,147	3,511	19,658
April.....	16,909	3,357	20,266	17,029	3,276	20,305
May.....	18,732	4,362	23,094	18,708	5,082	23,790
June.....	19,171	4,368	23,539	19,065	4,939	24,004
July.....	18,862	3,900	22,762	18,882	4,694	23,576
August.....	19,021	4,337	23,358	18,142	4,983	23,125
September.....	18,500	3,958	22,458	17,115	4,298	21,413
October.....	17,221	3,556	20,777	16,217	3,736	19,953
November.....	15,613	3,230	18,843	15,314	3,487	18,801
December.....	14,978	2,940	17,918	14,392	3,337	17,729
Quebec—						
January.....	213,694	89,071	302,765	221,199	90,055	311,254
February.....	216,255	90,599	306,854	223,490	91,418	314,908
March.....	219,375	91,301	310,676	224,202	89,364	313,566
April.....	225,782	90,575	316,357	229,345	89,023	318,368
May.....	233,499	89,895	323,394	236,669	88,468	325,137
June.....	236,889	86,848	323,737	240,115	87,174	327,289
July.....	239,823	86,271	326,094	238,176	87,088	325,264
August.....	240,407	88,667	329,074	239,759	89,635	329,394
September.....	236,089	91,123	327,212	237,793	93,128	330,921
October.....	232,668	91,783	324,451	232,890	93,381	326,271
November.....	228,345	91,545	319,890	228,281	93,416	321,697
December.....	219,419	86,997	306,416	222,428	89,739	312,167
Ontario—						
January.....	326,410	97,641	424,051	345,152	98,898	444,050
February.....	330,049	98,182	428,231	347,122	98,434	445,556
March.....	333,709	98,475	432,184	347,541	96,597	444,138
April.....	337,846	97,870	435,716	349,419	96,080	445,499
May.....	342,128	96,500	438,628	354,155	95,253	449,408
June.....	348,507	99,674	448,181	362,114	98,100	460,214
July.....	350,959	98,790	449,749	359,084	96,231	455,315
August.....	348,437	98,713	447,150	360,114	101,323	461,437
September.....	349,626	105,107	454,733	361,510	106,167	467,677
October.....	349,104	105,070	454,174	354,753	103,163	457,916
November.....	347,468	104,227	451,695	354,430	102,024	456,454
December.....	343,224	99,177	442,401	349,010	96,841	445,851

**25.—Wage-Earners Employed in the Manufacturing Industries, by Months,
Sex and Province, 1947-48—concluded**

Province	1947			1948		
	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.
Manitoba—						
January.....	23,990	7,702	31,692	25,098	7,557	32,655
February.....	24,289	7,771	32,060	24,969	7,726	32,695
March.....	24,108	7,730	31,838	25,080	7,364	32,444
April.....	24,123	7,655	31,778	25,051	7,332	32,383
May.....	24,340	7,576	31,916	25,586	7,541	33,127
June.....	24,668	7,656	32,324	26,360	7,743	34,103
July.....	25,050	7,763	32,813	26,664	7,947	34,611
August.....	25,274	7,937	33,211	26,636	8,203	34,839
September.....	24,373	7,594	31,967	26,364	8,296	34,660
October.....	25,813	8,124	33,937	26,501	8,380	34,881
November.....	25,715	8,126	33,841	26,239	8,327	34,566
December.....	24,865	7,507	32,372	25,418	7,704	33,122
Saskatchewan—						
January.....	7,630	1,000	8,630	7,412	984	8,396
February.....	7,656	1,009	8,665	7,227	1,009	8,236
March.....	7,762	1,045	8,807	7,353	1,041	8,394
April.....	7,433	1,143	8,576	6,672	1,012	7,684
May.....	7,275	1,167	8,442	6,931	1,175	8,106
June.....	7,343	1,181	8,524	7,329	1,312	8,641
July.....	7,519	1,378	8,897	7,277	1,215	8,492
August.....	7,261	1,190	8,451	7,035	1,110	8,145
September.....	6,690	1,058	7,748	6,836	1,129	7,965
October.....	7,195	1,171	8,366	6,816	1,105	7,921
November.....	7,720	1,210	8,930	6,848	1,108	7,956
December.....	7,776	1,099	8,875	6,468	973	7,441
Alberta—						
January.....	16,158	2,923	19,081	18,590	2,915	21,505
February.....	16,047	2,996	19,043	18,235	2,880	21,115
March.....	16,119	2,958	19,077	18,260	2,832	21,092
April.....	15,074	3,012	18,086	16,118	2,828	18,946
May.....	15,242	3,018	18,260	15,949	2,907	18,856
June.....	15,610	2,987	18,597	16,530	3,108	19,638
July.....	16,155	3,308	19,463	17,420	3,642	21,062
August.....	16,189	3,276	19,465	17,334	3,387	20,721
September.....	15,220	3,046	18,266	17,099	3,271	20,370
October.....	15,934	3,150	19,084	17,171	3,105	20,276
November.....	17,669	3,273	20,942	18,058	2,907	20,965
December.....	17,323	2,934	20,257	18,262	2,753	21,015
British Columbia—						
January.....	55,479	8,542	64,021	61,164	8,622	69,786
February.....	55,016	7,626	62,642	60,779	7,516	68,295
March.....	56,912	7,841	64,753	62,796	7,343	70,139
April.....	58,788	7,960	66,748	63,836	7,886	71,722
May.....	60,806	8,195	69,001	64,403	7,919	72,322
June.....	61,577	9,261	70,838	65,381	9,007	74,388
July.....	63,177	11,221	74,398	65,811	10,817	76,628
August.....	62,577	11,650	74,227	65,606	11,690	77,296
September.....	61,981	11,280	73,261	64,064	10,938	75,002
October.....	61,392	10,705	72,097	62,633	9,566	72,199
November.....	60,932	9,482	70,414	60,267	8,263	68,530
December.....	59,309	8,369	67,678	56,202	7,085	63,287
Yukon and Northwest Territories—						
January.....	68	4	72	30	9	39
February.....	62	4	66	57	11	68
March.....	108	4	112	54	11	65
April.....	115	5	120	64	13	77
May.....	128	5	133	87	13	100
June.....	138	7	145	101	20	121
July.....	145	8	153	112	20	132
August.....	143	8	151	115	17	132
September.....	132	8	140	117	14	131
October.....	147	8	155	76	14	90
November.....	111	8	119	78	11	89
December.....	33	5	38	79	10	89

**26.—Wage-Earners Employed in the Manufacturing Industries, by Months,
Sex and Industrial Groups, 1947-48**

Industrial Group	1947			1948		
	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.
Vegetable Products—						
January.....	77,602	36,190	113,792	77,161	35,297	112,458
February.....	77,005	35,148	112,153	76,225	33,989	110,214
March.....	77,027	34,417	111,444	73,924	31,596	105,520
April.....	76,826	33,587	110,413	73,593	30,820	104,413
May.....	77,904	33,069	110,973	74,704	31,588	106,292
June.....	80,210	35,765	115,975	78,992	35,552	114,544
July.....	85,465	38,913	124,378	83,728	38,213	121,941
August.....	86,475	41,298	127,773	86,100	45,744	131,844
September.....	90,035	47,506	137,541	89,203	50,005	139,208
October.....	84,941	43,056	127,997	81,759	42,324	124,083
November.....	81,698	40,428	122,126	79,306	38,665	117,971
December.....	79,773	37,099	116,872	76,722	34,191	110,913
Animal Products—						
January.....	55,955	21,257	77,212	57,772	21,362	79,134
February.....	54,842	20,778	75,620	56,061	20,715	76,776
March.....	54,861	21,267	76,128	55,892	20,515	76,407
April.....	57,758	21,987	79,745	57,542	20,653	78,195
May.....	62,128	25,062	87,190	62,157	25,038	87,195
June.....	63,710	25,154	88,864	65,456	25,696	91,152
July.....	65,013	25,146	90,159	66,342	25,961	92,303
August.....	64,484	25,151	89,635	65,483	25,609	91,092
September.....	57,172	22,699	79,871	63,053	24,501	87,554
October.....	62,434	24,010	86,444	61,765	23,385	85,150
November.....	63,500	23,085	86,585	60,220	22,619	82,839
December.....	59,034	20,899	79,933	56,595	20,787	77,382
Textiles and Textile Products—						
January.....	65,296	88,762	154,058	67,311	93,901	161,212
February.....	66,050	90,864	156,914	68,130	95,787	163,917
March.....	66,476	91,778	158,254	66,761	94,477	161,238
April.....	65,821	91,502	157,323	67,280	94,954	162,234
May.....	65,070	89,946	155,016	66,817	93,302	160,119
June.....	63,703	88,057	151,760	66,059	91,731	157,790
July.....	64,285	86,598	150,883	66,795	89,450	156,245
August.....	64,986	87,876	152,862	66,658	90,498	157,156
September.....	64,815	90,598	155,413	66,738	93,089	159,827
October.....	65,724	93,066	158,790	67,593	95,116	162,709
November.....	65,451	93,168	158,619	68,512	95,739	164,251
December.....	63,561	89,659	153,220	68,354	93,218	161,572
Wood and Paper Products—						
January.....	157,692	23,515	181,207	170,773	23,637	194,410
February.....	160,601	23,553	184,154	173,324	23,880	197,204
March.....	165,577	23,335	188,912	179,274	23,376	202,650
April.....	172,830	23,248	196,078	184,057	23,321	207,378
May.....	182,805	23,654	206,459	193,689	23,110	216,799
June.....	190,274	24,250	214,524	198,207	23,404	221,611
July.....	190,438	24,133	214,571	194,423	23,044	217,467
August.....	187,151	23,805	210,956	190,944	23,445	214,389
September.....	182,811	23,990	206,801	185,100	23,352	208,452
October.....	175,438	24,149	199,587	179,292	23,936	203,228
November.....	169,756	24,537	194,293	171,973	23,963	195,936
December.....	164,519	23,510	188,029	165,157	23,011	188,168
Iron and Its Products—						
January.....	202,654	10,892	213,546	216,012	10,911	226,923
February.....	205,206	11,008	216,214	217,270	10,745	228,015
March.....	208,173	11,148	219,321	218,568	10,760	229,328
April.....	211,864	11,210	223,074	217,957	10,653	228,610
May.....	213,713	11,002	224,715	218,262	10,463	228,725
June.....	215,016	11,106	226,122	220,513	10,562	231,075
July.....	215,085	10,843	225,928	214,328	10,370	224,698
August.....	214,596	10,679	225,275	217,905	10,292	228,197
September.....	215,498	10,804	226,302	219,212	10,532	229,744
October.....	217,235	10,908	228,143	218,125	10,558	228,683
November.....	218,318	10,954	229,272	221,050	10,881	231,931
December.....	215,659	10,685	226,344	217,382	10,481	227,863

**26.—Wage-Earners Employed in the Manufacturing Industries, by Months,
Sex and Industrial Groups, 1947-48—concluded**

Industrial Group	1947			1948		
	Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.
Non-ferrous Metal Products—						
January.....	58,578	16,887	75,465	64,351	16,350	80,701
February.....	59,195	17,123	76,318	64,285	15,849	80,134
March.....	59,703	17,289	76,992	65,109	15,749	80,858
April.....	59,629	17,054	76,683	64,929	15,415	80,344
May.....	59,952	16,793	76,745	65,352	14,847	80,199
June.....	60,466	16,593	77,059	65,600	14,621	80,221
July.....	60,879	16,071	76,950	65,168	14,442	79,610
August.....	61,126	16,123	77,249	65,191	14,582	79,773
September.....	62,235	16,524	78,759	64,986	15,038	80,024
October.....	62,876	16,752	79,628	65,194	15,500	80,694
November.....	63,512	16,918	80,430	64,974	15,917	80,891
December.....	63,471	16,176	79,647	64,857	15,461	80,318
Non-metallic Mineral Products—						
January.....	28,817	2,167	30,984	29,891	2,113	32,004
February.....	29,385	2,224	31,609	29,993	2,115	32,108
March.....	29,834	2,202	32,036	30,177	2,012	32,189
April.....	30,628	2,253	32,881	31,343	2,072	33,415
May.....	31,679	2,175	33,854	32,579	2,068	34,647
June.....	32,203	2,172	34,375	33,688	2,115	35,803
July.....	32,464	2,117	34,581	33,777	2,117	35,894
August.....	32,068	2,187	34,255	33,705	2,079	35,784
September.....	31,306	2,008	33,314	33,319	2,073	35,392
October.....	31,456	2,059	33,515	33,041	2,121	35,162
November.....	31,283	2,155	33,438	32,733	2,045	34,778
December.....	30,565	2,042	32,607	31,777	1,939	33,716
Chemicals and Allied Products—						
January.....	21,026	5,929	26,955	21,951	5,519	27,470
February.....	21,375	5,975	27,350	22,092	5,513	27,605
March.....	21,576	5,986	27,562	22,380	5,469	27,849
April.....	21,726	6,019	27,745	22,531	5,546	28,077
May.....	21,842	5,997	27,839	22,634	5,438	28,072
June.....	21,866	6,010	27,876	22,688	5,366	28,054
July.....	21,922	5,832	27,754	22,655	5,285	27,940
August.....	21,873	5,820	27,693	22,599	5,451	28,050
September.....	21,566	5,984	27,550	22,219	5,580	27,799
October.....	21,658	6,057	27,715	22,155	5,720	27,875
November.....	21,646	6,007	27,653	22,104	5,744	27,848
December.....	21,551	5,705	27,256	21,861	5,445	27,306
Miscellaneous Industries—						
January.....	11,450	8,197	19,647	10,685	7,289	17,974
February.....	11,430	8,175	19,605	10,697	7,368	18,065
March.....	11,374	8,166	19,540	10,691	7,328	18,019
April.....	11,391	8,077	19,468	10,682	7,279	17,961
May.....	11,270	7,847	19,117	10,698	7,180	17,878
June.....	11,326	7,767	19,093	11,026	7,162	18,188
July.....	11,208	7,548	18,756	11,113	7,198	18,311
August.....	11,145	7,545	18,690	11,188	7,263	18,451
September.....	11,106	7,616	18,722	11,041	7,431	18,472
October.....	11,163	7,965	19,128	11,134	7,892	19,026
November.....	11,216	8,190	19,406	11,137	7,961	19,098
December.....	10,830	7,299	18,129	10,908	7,479	18,387

Hours Worked by Wage-Earners.—From 1932, the first year for which figures on hours worked per week by wage-earners are available, to 1945, each firm was required to report the number of hours worked by all its wage-earners during the month in which the greatest number had been employed, the only exception being the years 1938 and 1939 when one week in a month of normal employment was reported. In 1938 the number of hours worked per week were compiled by sex, and a change was also made in the analysis of the weekly hours worked. Since 1940 the hours worked per week include overtime while prior to that overtime was excluded. These changes make it impossible to measure accurately the changes in the number

of hours worked per week. In any case, the figures in Table 27 do not refer to any particular month, since the month of highest employment might be May for one firm and October for another; they represent the summation of the different months of highest employment as reported by all firms. For a given industry, however, the month of highest employment is more significant as in this case it coincides for a great number of firms engaged in the same industry.

For all wage-earners, the hours worked per week declined from 48.9 in 1932 to 47.2 in 1939, and reached 50.6 in 1941, some of the increase no doubt being due to the inclusion of overtime. Since then there was a counter movement in the hours worked, especially among females, due to the employment of many workers on a part-time basis. Whereas in 1939 there were only 2.8 p.c. of male and 5.3 p.c. of female wage-earners working under 30 hours per week, in 1944 these percentages rose to 5.3 and 12.5 respectively. Since the end of the war the normal working week has been dropping steadily. In 1945 average hours per week for male wage-earners totalled 47.6 and for females 42.7.

The method of collecting statistics on hours worked was changed for 1946. Instead of collecting this information for one week in the month of highest employment which varied from plant to plant, the last week in November was chosen for the base period. The question on hours worked was taken out of the annual schedules used in connection with the census of manufactures and this information is now collected by the Employment Statistics Branch. Establishments employing 15 hands or over only are covered. The statistics for 1946 to 1948 are therefore not exactly comparable with those for earlier years which include all establishments, both large and small. In 1948 average hours worked per week totalled 43.6, 44.7 for males and 39.8 for females.

27.—Wage-Earners in Manufacturing, Working Specified Numbers of Hours¹ per Week in the Month of Highest Employment, 1938-45

NOTE.—Hours worked per week in 1932-37 are given at p. 386 of the 1942 edition of the Canada Year Book; in 1940 at p. 392 of the 1943-44 edition.

Hours Worked per Week	1938	1939	1942	1943	1944	1945
ALL WAGE-EARNERS						
	No.	No.	No.	No.	No.	No.
30 or less.....	24,073	19,849	48,714	74,406	87,817	79,398
31-43.....	99,125	85,597	98,200	128,755	151,280	174,378
44.....	83,763	81,128	88,049	88,964	112,840	130,536
45-47.....	66,268	64,031	80,613	100,861	108,585	116,431
48.....	121,625	130,506	244,899	248,083	245,024	230,175
49-50.....	62,294	65,822	105,434	115,606	116,473	105,331
51-54.....	39,596	46,165	147,229	151,231	128,580	90,411
55.....	20,575	24,316	63,702	62,701	51,965	34,748
56-64.....	60,755	61,067	193,297	176,730	140,295	81,517
65 or over.....	8,755	8,478	73,590	60,665	46,046	33,571
Totals, Wage-Earners.....	586,829	586,959	1,143,727	1,208,002	1,188,905	1,076,496
Average Hours per Week.....	46.7	47.2	50.2	48.8	47.5	46.2

¹ For 1938 and 1939, the hours worked do not include overtime, while for 1940 to 1945 overtime is included.

27.—Wage-Earners in Manufacturing, Working Specified Numbers of Hours¹ per Week in the Month of Highest Employment, 1938-45—concluded

Hours Worked per Week	1938	1939	1942	1943	1944	1945
MALE						
	No.	No.	No.	No.	No.	No.
30 or less.....	15,439	12,868	30,166	39,985	45,414	41,111
31-43.....	75,842	64,780	59,146	68,530	83,293	100,446
44.....	59,983	57,667	58,342	53,563	76,141	89,623
45-47.....	47,877	45,703	47,403	62,701	67,306	75,391
48.....	97,287	103,636	182,783	185,913	182,798	175,116
49-50.....	45,981	48,378	70,870	75,975	80,878	77,019
51-54.....	33,744	37,439	106,657	114,739	100,621	72,781
55.....	16,493	19,766	48,996	49,194	42,214	28,910
56-64.....	56,171	56,837	171,775	158,657	128,751	74,043
65 or over.....	8,224	8,036	67,776	56,837	42,618	31,311
Totals, Male Wage-Earners.....	457,041	455,110	843,914	866,094	850,034	765,751
Average Hours per Week.....	47.3	48.1	51.3	50.4	49.1	47.6
FEMALE						
	No.	No.	No.	No.	No.	No.
30 or less.....	8,634	6,981	18,548	34,421	42,403	38,287
31-43.....	23,283	20,817	39,054	60,225	67,987	73,932
44.....	23,780	23,461	29,707	35,401	36,699	40,913
45-47.....	18,391	18,328	33,210	38,160	41,279	41,040
48.....	24,338	26,870	62,116	62,170	62,226	55,059
49-50.....	16,313	17,444	34,564	39,631	35,595	28,312
51-54.....	5,852	8,726	40,572	36,492	27,959	17,630
55.....	4,082	4,550	14,706	13,507	9,751	5,838
56-64.....	4,584	4,230	21,522	18,073	11,544	7,474
65 or over.....	531	442	5,814	3,828	3,428	2,260
Totals, Female Wage-Earners.....	129,788	131,849	299,813	341,908	338,871	310,745
Average Hours per Week.....	44.6	45.2	46.9	44.8	43.6	42.7

¹ For 1938 and 1939, the hours worked do not include overtime, while for 1940 to 1945 overtime is included.

28.—Wage-Earners in Manufacturing Working Specified Numbers of Hours During the Last Week in November, 1946-48¹

Hours Worked per Week	1946			1947			1948		
	All Wage-Earners	Male	Female	All Wage-Earners	Male	Female	All Wage-Earners	Male	Female
	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
30 or less.....	6.7	4.7	13.1	6.7	4.6	13.7	6.1	4.4	12.2
31-34.....	10.8	8.0	19.7	2.9	2.1	5.5	3.0	2.2	5.6
35-39.....				7.8	6.1	13.6	8.4	6.4	15.0
40.....	9.9	9.6	10.8	12.2	11.9	13.4	13.2	12.9	14.1
41-43.....	11.5	10.6	14.6	10.6	9.2	15.0	10.9	9.9	14.5
44.....	10.3	10.7	8.9	8.5	8.7	7.8	9.3	9.7	7.9
45-47.....	18.2	18.8	16.1	18.7	19.7	15.9	18.9	19.4	17.4
48.....	13.7	15.8	7.1	12.9	15.0	5.7	11.8	13.9	5.1
49-50.....	6.6	7.1	5.0	6.5	7.0	4.9	6.1	6.6	4.1
51-53.....	5.4	6.3	2.5	4.3	4.9	2.0	4.0	4.6	2.0
54.....				1.3	1.6	0.5	1.3	1.5	0.5
55-64.....	6.0	7.3	2.1	6.5	7.8	1.9	6.0	7.3	1.5
65 or over.....	0.9	1.1	0.1	1.1	1.4	0.1	1.0	1.2	0.1
Average Hours per Week.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average Hours per Week.....	43.7	44.9	40.0	43.7	44.9	39.7	43.6	44.7	39.8

¹ Includes only establishments employing 15 hands or over.

Subsection 3.—Salaries and Wages in Manufacturing Industries

In 1948, the 33,447 establishments covered employed 198,279 salaried employees and 957,727 wage-earners, a total of 1,156,006 persons. Out of every 1,000 persons employed in manufacturing 171 were classed as salary earners and 829 as wage-earners; the former earned 22 p.c. and the latter 78 p.c. of the total amount paid out as remuneration for services.

A notable feature during the past few years was the reduction in the disparity between average annual salaries and wages. Whereas in 1939 average annual wages were only 56 p.c. of average annual salaries, in 1943 the percentage rose to 76, it declined to 69 in 1947 and rose to 73 in 1948. This tendency towards equalization was due, in part, to the controls adopted by the Government during the war years which tended to stabilize salaries more so than wages. The increase in average wages was also influenced by the fact that large numbers of wage-earners were employed in the highly paid iron and steel industries and by the increase in number of hours worked, some of it at overtime pay.

Ontario has a larger proportion of females among its salaried employees than the other provinces. The same situation prevails in Quebec with regard to wage-earners, due, no doubt, to the textile industries of the Province. The importance of the textile industries in providing employment to females is strikingly illustrated by the fact that of all female wage-earners engaged in the manufacturing industries of Canada in 1948, 43 p.c. were found in the textile group.

The average salary in 1948 amounted to \$2,687 which was \$941 or 54 p.c. higher than in 1939. Salaried employees in Ontario with \$2,816 were the highest paid. Those in Quebec were second with \$2,699, Manitoba third with \$2,563, and British Columbia fourth with \$2,522. The fact that head offices of many large corporations are located in Montreal, Toronto, Winnipeg and Vancouver tends to raise the average salaries in the provinces in which these cities are located.

The average wage in 1948 amounted to \$1,960 which was \$985 or 101 p.c. higher than in 1939. The manufacturing industries of British Columbia paid the highest average wage of \$2,182, followed by Ontario with \$2,060, Saskatchewan \$1,916, Alberta \$1,890, Manitoba \$1,833, Quebec \$1,829, etc. The high figures shown for Yukon and Northwest Territories in regard to average wages are due to the unusual conditions under which industry is carried on in these regions and are not representative. Statistics of the distribution of employees by provinces and groups as well as average annual earnings are given in Table 29.

29.—Salaries and Wages Paid in the Manufacturing Industries, by Provinces and Industrial Groups, 1948, with Totals for Significant Years, 1917-47

Year	Salaries				Wages			
	Salaried Employees		Total Salaries	Average Salaries	Wage-Earners		Total Wages	Average Wages
	Male	Female			Male	Female		
	No.	No.	\$	\$	No.	No.	\$	\$
1917.....	64,918		85,353,667	1,315	541,605		412,448,177	762
1920.....	78,334		141,837,361	1,811	529,559		575,656,515	1,106
1922.....	71,586		129,836,831	1,814	381,670		359,560,399	935
1924.....	54,379	15,641	130,344,822	1,857	322,719	91,871	404,122,853	968
1926 ¹	58,245	17,092	142,353,900	1,890	374,244	109,586	483,328,342	999
1929 ¹	67,731	21,110	175,553,710	1,976	454,768	122,922	601,737,507	1,042
1930 ¹	64,161	20,550	169,992,216	2,007	416,790	113,195	527,563,162	995
1931 ¹	71,198	20,293	172,289,095	1,883	337,636	99,513	415,277,895	950
1932.....	68,264	18,786	151,355,790	1,739	288,817	92,966	322,245,926	844
1933.....	67,875	18,761	139,317,946	1,608	287,266	94,756	296,929,878	777
1934.....	71,963	20,132	148,760,126	1,615	326,598	101,119	355,090,929	830
1935.....	76,213	21,717	160,455,080	1,638	353,790	104,944	399,012,697	870
1936.....	81,409	23,008	173,198,057	1,659	379,977	109,965	438,873,377	896
1937.....	91,092	24,735	195,983,475	1,692	427,285	117,339	525,743,562	965
1938.....	95,270	25,319	207,386,381	1,719	409,172	112,255	498,282,208	956
1939.....	98,165	26,607	217,839,334	1,746	415,488	117,854	519,971,819	975
1940.....	104,267	31,493	241,599,761	1,780	491,439	135,045	679,273,104	1,084
1941.....	117,251	41,693	286,336,861	1,801	626,825	175,408	978,525,782	1,220
1942.....	123,125	54,062	334,870,793	1,890	732,319	242,585	1,347,934,049	1,383
1943.....	128,679	64,516	388,857,505	2,013	762,854	285,019	1,598,434,879	1,525
1944.....	126,858	65,700	418,065,594	2,171	744,635	285,689	1,611,555,776	1,564
1945.....	128,601	62,106	417,857,619	2,191	680,620	248,045	1,427,915,830	1,538
1946.....	127,002	54,004	410,875,776	2,270	662,699	214,451	1,329,811,478	1,516
1947.....	135,248	55,852	474,693,800	2,484	721,407	219,243	1,611,232,166	1,713
PROVINCE, 1948								
Prince Edward Island.....	360	99	580,421	1,265	936	364	1,493,564	1,149
Nova Scotia.....	3,453	955	8,972,592	2,036	22,228	3,712	43,580,608	1,680
New Brunswick.....	2,593	810	7,501,798	2,204	16,858	4,064	36,416,889	1,741
Quebec.....	45,216	16,936	167,764,686	2,699	231,553	90,261	588,451,448	1,829
Ontario.....	66,976	31,345	276,827,306	2,816	354,044	99,293	933,812,906	2,060
Manitoba.....	5,005	1,806	17,459,496	2,563	25,871	7,875	61,844,380	1,830
Saskatchewan.....	2,080	738	5,457,306	1,937	7,019	1,113	15,581,065	1,916
Alberta.....	3,936	1,159	10,811,198	2,122	17,462	3,135	38,926,563	1,890
British Columbia.....	11,433	3,337	37,249,702	2,522	62,903	8,941	156,731,103	2,182
Yukon and Northwest Territories.....	30	12	77,971	1,856	82	13	268,249	2,824
Totals, 1948.....	141,082	57,197	532,702,476	2,637	738,956	218,771	1,877,107,315	1,960
INDUSTRIAL GROUP, 1948								
Vegetable products.....	16,894	7,148	61,595,029	2,562	79,356	37,387	202,776,763	1,737
Animal products.....	13,560	5,030	45,104,529	2,426	60,995	23,232	141,672,088	1,682
Textiles and textile products.....	13,323	8,280	66,109,581	3,060	67,293	93,512	249,163,461	1,550
Wood and paper products.....	38,276	12,235	120,279,473	2,381	182,792	23,635	414,377,321	2,007
Iron and its products.....	30,031	11,051	121,402,848	2,955	218,077	10,617	531,550,866	2,324
Non-ferrous metal products.....	13,496	6,048	55,260,536	2,827	64,998	15,379	175,631,724	2,185
Non-metallic mineral products.....	5,120	1,558	18,485,358	2,768	32,197	2,081	75,097,364	2,191
Chemicals and allied products.....	7,549	4,189	32,879,151	2,801	22,308	5,502	56,446,620	2,030
Miscellaneous industries.....	2,833	1,658	11,585,971	2,580	10,940	7,426	30,391,108	1,655

¹ The averages of wage-earners and earnings for the years 1931 to 1945 are strictly comparable with those for the years up to 1925 but not with those for the intervening years. The figures for the latest years—as for the earliest—represent the earnings for complete man-years of work, with no allowance for periods of unemployment. The difference amounts only to about 3 or 4 p.c. in the total figures and affects chiefly the seasonal industries.

² The increase in the number of salaried employees in 1931 is due to the following changes in method: (1) Prior to 1931 working proprietors, such as bakers, sawmill operators, small clothing manufacturers, etc., were required to report themselves as wage-earners. In 1931 and subsequent years, however, all such proprietors reported themselves as salaried employees. (2) In 1931 travelling salesmen who were attached to the plant, and devoted all or the greater part of their time to selling the products of that plant, were included with salaried employees. Prior to this they were not reported at all.

30.—Salaries and Wages Paid in the Forty Leading Industries, 1948, with comparative figures of Average Salaries and Wages Paid in 1947

NOTE.—Industries ranked according to the aggregate salaries and wages paid.

Industry	Salaries						Wages					
	Salaried Employees		Total Salaries	Average Salaries			Wage-Earners		Total Wages	Average Wages		
	Male	Female		1948	1947		Male	Female		1948	1947	
	No.	No.	\$	\$	\$		No.	No.	\$	\$	\$	
1 Pulp and paper.....	6,171	1,895	30,459,864	3,776	3,411		43,125	733	121,202,897	2,764	2,443	
2 Electrical apparatus and supplies.....	8,014	3,883	32,920,480	2,767	2,542		30,408	11,568	89,193,164	2,125	1,817	
3 Sawmills.....	10,071	640	12,087,369	1,129	1,089		45,393	652	82,978,307	1,802	1,586	
4 Railway rolling-stock..	1,910	241	6,551,270	3,046	2,811		29,118	102	71,310,580	2,440	2,114	
5 Primary iron and steel..	2,238	811	9,946,211	3,262	2,967		26,056	262	67,411,549	2,561	2,149	
6 Machinery.....	4,674	2,024	18,504,946	2,763	2,517		21,940	1,325	51,018,898	2,193	1,943	
7 Automobiles.....	3,105	1,141	14,500,808	3,415	3,115		20,272	185	53,976,913	2,639	2,337	
8 Clothing, women's factory.....	2,841	1,991	15,010,999	3,107	2,925		6,943	21,641	44,352,043	1,552	1,389	
9 Printing and publishing	7,032	3,888	24,087,125	2,206	2,104		11,446	2,077	30,493,776	2,255	1,975	
10 Bread and other bakery products....	3,565	1,177	9,058,682	1,910	1,766		19,960	6,841	44,348,678	1,655	1,476	
11 Non-ferrous metal smelting and refining	2,350	508	8,917,548	3,120	3,030		16,785	58	43,359,289	2,574	2,218	
12 Slaughtering and meat packing.....	3,438	1,148	13,404,361	2,923	2,693		14,322	2,971	38,424,153	2,222	1,890	
13 Clothing, men's factory.....	2,522	1,480	12,462,249	3,114	2,965		8,393	18,697	38,526,711	1,422	1,311	
14 Rubber goods, incl. rubber footwear....	2,513	1,121	10,176,160	2,800	2,442		13,333	4,736	38,096,855	2,108	1,895	
15 Furniture.....	2,816	936	9,799,812	2,612	2,398		20,151	1,990	37,866,884	1,710	1,545	
16 Castings, iron.....	1,401	584	5,980,170	3,013	2,736		17,015	354	40,407,770	2,326	2,026	
17 Cotton yarn and cloth..	985	657	5,035,855	3,067	2,896		14,198	8,973	40,920,126	1,766	1,388	
18 Agricultural implements.....	2,241	819	8,253,086	2,697	2,263		15,570	481	37,017,587	2,306	1,898	
19 Shipbuilding and repairs.....	1,406	444	5,373,092	2,904	2,700		16,420	129	39,625,352	2,394	2,149	
20 Hosiery and knitted goods.....	1,546	1,213	8,008,179	2,903	2,729		7,907	16,968	34,799,237	1,399	1,195	
21 Printing and book binding.....	3,331	1,489	12,078,448	2,506	2,285		11,168	5,219	29,869,450	1,823	1,571	
22 Automobile supplies....	1,781	787	8,218,259	3,200	2,862		11,792	2,028	31,008,111	2,244	1,958	
23 Butter and cheese.....	4,072	1,733	9,827,533	1,693	1,454		14,652	1,367	28,088,954	1,753	1,603	
24 Sheet metal products..	1,954	815	7,665,697	2,768	2,540		12,521	2,056	29,442,891	2,020	1,752	
25 Boots and shoes, leather.....	1,699	733	6,846,986	2,815	2,610		10,436	8,397	25,666,286	1,363	1,254	
26 Hardware, tools and cutlery.....	1,545	897	6,763,665	2,770	2,577		10,155	2,068	24,945,212	2,041	1,811	
27 Synthetic textiles and silk.....	1,314	649	5,808,237	2,959	2,901		9,298	4,836	24,930,619	1,764	1,493	
28 Planing mills, sash and door factories.....	2,573	508	6,445,699	2,092	1,881		14,518	195	24,033,269	1,633	1,455	
29 Fruit and vegetable preparations.....	1,678	824	5,884,489	2,352	2,072		7,592	6,550	19,566,472	1,384	1,174	
30 Brass and copper products.....	1,202	536	5,417,294	3,117	2,815		7,877	1,046	18,833,761	2,111	1,882	
31 Boxes and bags, paper..	1,168	614	5,494,359	3,083	2,853		5,786	4,789	17,071,409	1,614	1,389	
32 Petroleum products....	1,456	295	5,425,894	3,099	2,929		6,660	84	16,636,065	2,467	2,159	
33 Breweries.....	1,078	368	5,300,518	3,666	3,297		6,786	175	15,952,050	2,292	2,023	
34 Aircraft and parts.....	1,848	557	6,935,128	2,884	2,758		5,480	164	12,894,859	2,285	2,100	
35 Bridge and structural steel work.....	1,255	310	5,410,019	3,457	3,806		5,810	32	13,755,384	2,355	1,824	
36 Heating and cooking apparatus.....	795	385	3,053,882	2,588	2,462		6,796	216	14,773,892	2,107	1,801	
37 Woolen cloth.....	593	340	3,024,216	3,241	2,978		5,109	3,853	14,716,045	1,642	1,416	
38 Tobacco, cigars and cigarettes.....	695	452	3,263,427	2,845	2,535		2,664	5,148	13,864,021	1,775	1,347	
39 Fish curing and packing	1,192	325	3,087,618	2,035	1,800		7,294	3,432	13,953,755	1,301	1,244	
40 Miscellaneous paper products.....	961	599	4,487,536	2,877	2,346		4,139	2,784	11,977,323	1,730	1,524	
Totals, Forty Leading Industries....	103,029	39,817	380,977,170	2,667	2,457		565,288	155,182	1,447,310,697	2,009	1,753	
Grand Totals, All Industries.....	141,082	57,197	532,702,476	2,687	2,484		738,956	218,771	1,877,107,315	1,960	1,713	

¹ Average salaries and wages paid in the forty leading industries in 1947; the list of leading industries in that year was not quite the same as the list for 1948.

Average Annual Earnings in the Forty Leading Industries.—In 1948 there were 16 industries with average salaries of \$3,000 and over, as compared with only five industries in this range in 1947. Indicative of the rapidly changing pattern of remuneration in manufacturing is the fact that in 1945, the last year of the war, no industry paid average annual salaries of over \$3,000. The highest average salary in that year was \$2,935 reported by the brewing industry. The highest average salary in 1948 amounting to \$3,776 was received by office and supervisory employees in the pulp and paper industry. Other industries paying \$3,000 and over, in descending order, were as follows: breweries \$3,666, bridge and structural steel work \$3,457, automobiles \$3,415, primary iron and steel \$3,262, woollen cloth \$3,241, automobile supplies \$3,200, non-ferrous metal smelting and refining \$3,120, brass and copper products \$3,117, men's factory clothing \$3,114, women's factory clothing \$3,107, petroleum products \$3,099, boxes and bags, paper \$3,083, cotton yarn and cloth \$3,067, railway rolling-stock \$3,046 and iron castings \$3,013. In seventeen others they ranged between \$2,500 and \$3,000, while in the remaining seven they were below \$2,500. The sawmill and butter and cheese industries with \$1,129 and \$1,693, respectively, paid the lowest salaries.

The increase in average wages since 1945 paralleled that of salaries. Whereas in 1945 there were only four industries averaging over \$2,000 per annum, in 1948 the number jumped to 22. In 1945 the highest average annual wage was \$2,365 paid by the automobile industry while in 1948 the highest annual wage amounting to \$2,764 was paid by the pulp and paper industry. The highest wages are usually paid by industries in which the proportion of skilled workers is high and the proportion of female workers is low. There were four industries in 1948 with average annual wages of \$2,500 and over; these were: pulp and paper \$2,764, automobiles \$2,639, non-ferrous metal smelting and refining \$2,574, and primary iron and steel \$2,561. In eighteen industries average wages ranged between \$2,000 and \$2,500, in twelve others they ranged between \$1,600 and \$2,000 and in the remaining six they were below \$1,600. This latter group included industries made up of a large number of small establishments and in which the proportion of female workers is high. Men's factory clothing, women's factory clothing, hosiery and knitted goods, leather boots and shoes, fruit and vegetable preparations, and fish curing and packing are the industries included in this group. Employment by sex and average annual earnings in the forty leading industries is given in Table 30.

Average Annual, Weekly and Hourly Earnings.—In comparing earnings by provinces or groups, consideration should be given to the type of industries in each case since the distribution of industries has a very definite regional significance. In some industries a labour force possessing deftness and speed or the ability to exercise muscular strength is necessary, in others the labour force must exercise craftsmanship or possess a high degree of technical knowledge. Workers in the latter industries naturally command relatively higher wages than those employed in industries whose employees are routine workers.

The ranking of provinces and industries as regards annual earnings is in many cases different to that of weekly or hourly earnings since the factors of number of weeks worked per year and number of hours worked per week enter into the picture. So that, while in general the same observations apply, a close study of the differences between the averages shown in Tables 29 and 30 will be of value.

The figures for the years 1934 to 1945 given in Tables 31 to 35 are based on an analysis of a pay-list covering one week in the month of highest employment. For this reason the figures do not refer to any particular month, since the month of highest employment might be May for one firm and October for another; they represent the summation of the different months of highest employment as reported by all the firms. For a particular industry, however, the month of highest employment is more significant as in such case it coincides for a great number of firms engaged in the same industry. The figures for 1946 to 1948 are based on returns received from establishments employing 15 hands or over and refer to the last week in the month of November.

Average weekly earnings of male wage-earners for manufacturing as a whole amounted to \$45.73 in 1948, an increase of \$23.50 or 106 p.c. as compared with 1939. Average hourly earnings advanced from 46.2 cents in 1939 to \$1.02 in 1948, an increase of 121 p.c. Annual earnings at \$2,175 were 102 p.c. higher.

Female wage-earners received on an average \$25.91 per week in 1948, an increase of \$13.13 or 103 p.c. Hourly earnings at 65.1 cents were 130 p.c. higher, while annual earnings at \$1,233 were 99 p.c. higher.

31.—Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners, Employed in the Manufacturing Industries, 1934-48

NOTE.—Butter and cheese factories and fish curing and packing plants are excluded in the years 1933 to 1945, while sawmills are also excluded in 1945. By including sawmills, weekly earnings in 1945 would have been about \$34.35 for male wage-earners.

Year	Average Earnings			Hours Worked per Week
	Annual	Weekly	Hourly	
	\$	\$	\$	No.
All Wage-Earners—				
1934.....	830	18.30	0.372	49.2
1935.....	870	18.50	0.380	48.7
1936.....	896	18.96	0.389	48.7
1937.....	965	²	²	48.8
1938.....	956	19.49	0.417	46.7
1939.....	975	20.14	0.427	47.2
1940.....	1,084	22.35	0.446	50.1
1941.....	1,220	24.95	0.494	50.5
1942.....	1,383	28.18	0.561	50.2
1943.....	1,525	29.87	0.612	48.8
1944.....	1,564	31.05	0.654	47.5
1945.....	1,538	30.98	0.669	46.3
1946 ³	1,516	32.38	0.741	43.7
1947 ³	1,713	37.19	0.851	43.7
1948 ³	1,960	41.25	0.946	43.6
Male Wage-Earners—				
1934.....	930	20.31	0.407	49.9 ¹
1935.....	966	20.41	0.413	49.4 ¹
1936.....	995	20.92	0.423	49.4 ¹
1937.....	²	²	²	²
1938.....	1,055	21.49	0.454	47.3
1939.....	1,076	22.23	0.462	48.1
1940.....	1,202	24.82	0.488	50.9
1941.....	1,355	27.72	0.538	51.5
1942.....	1,558	31.75	0.619	51.3
1943.....	1,726	33.80	0.671	50.4
1944.....	1,761	34.95	0.712	49.1
1945.....	1,739	35.04	0.736	47.6
1946 ³	1,702	36.23	0.807	44.9
1947 ³	1,909	41.35	0.921	44.9
1948 ³	2,175	45.73	1.023	44.7

For footnotes, see end of table, p. 64.

31.—Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners, Employed in the Manufacturing Industries, 1934-48—concluded

Year	Average Earnings			Hours Worked per Week
	Annual	Weekly	Hourly	
	\$	\$	\$	No.
Female Wage-Earners—				
1934.....	539	11.80	0.251	46.9 ¹
1935.....	570	12.04	0.259	46.5 ¹
1936.....	577	12.20	0.262	46.5 ¹
1937.....	²	²	²	²
1938.....	594	12.10	0.271	44.6
1939.....	619	12.78	0.283	45.2
1940.....	655	13.52	0.286	47.3
1941.....	736	15.05	0.316	47.6
1942.....	854	17.41	0.371	46.9
1943.....	987	19.33	0.431	44.8
1944.....	1,051	20.89	0.479	43.6
1945.....	984	19.84	0.465	42.7
1946 ³	943	20.08	0.502	40.0
1947 ³	1,067	23.11	0.582	39.7
1948 ³	1,233	25.91	0.651	39.8

¹ Estimated on the basis of hours worked by female wage-earners in 1938 and 1939 as compared with those worked by male wage-earners in those years. ² Not available. ³ Based on weekly earnings and hours worked in the last week of November by establishments employing 15 hands or over.

32.—Average Annual, Weekly and Hourly Earnings of All Wage-Earners in the Manufacturing Industries, by Provinces, 1938-48

Province and Year	Annual	Weekly	Hourly	Hours Worked per week
	\$	\$	cents	No.
Prince Edward Island—				
1938.....	484	8.49	16.2	52.7
1939.....	506	11.59	23.3	49.6
1940.....	553	13.67	26.0	52.1
1941.....	559	15.19	29.5	51.3
1942.....	613	15.94	30.9	51.5
1943.....	817	23.14	32.0	55.3
1944.....	952	23.63	43.6	53.0
1945.....	884	25.34	50.1	50.6
1946.....	911	21.51	46.2	46.3
1947.....	976	24.75	51.6	45.3
1948.....	1,149	27.66	60.4	45.8
Nova Scotia—				
1938.....	853	16.31	32.4	50.2
1939.....	869	17.80	34.9	50.9
1940.....	960	19.01	36.3	52.4
1941.....	1,076	22.53	42.6	52.7
1942.....	1,295	26.84	49.0	52.6
1943.....	1,456	29.80	57.5	51.5
1944.....	1,570	31.84	64.1	49.5
1945.....	1,519	31.85	67.1	47.3
1946.....	1,398	31.44	68.8	45.7
1947.....	1,461	34.58	75.5	45.8
1948.....	1,680	37.74	82.4	45.8
New Brunswick—				
1938.....	818	15.20	30.6	49.3
1939.....	827	17.11	34.2	49.9
1940.....	955	19.40	37.1	52.1
1941.....	1,021	21.30	39.7	53.3
1942.....	1,129	22.56	43.1	52.1
1943.....	1,241	24.35	47.2	51.1
1944.....	1,330	26.78	53.1	50.0
1945.....	1,362	27.59	57.0	48.9
1946.....	1,390	30.54	66.4	46.0
1947.....	1,570	33.55	73.9	45.4
1948.....	1,741	38.03	82.5	46.1
Quebec—				
1938.....	853	17.26	36.1	47.6
1939.....	873	17.81	37.0	47.8
1940.....	974	19.93	39.1	50.6
1941.....	1,103	22.78	43.8	51.5
1942.....	1,259	25.82	49.7	51.3
1943.....	1,424	28.07	55.2	50.2
1944.....	1,473	29.59	59.4	49.3

32.—Average Annual, Weekly and Hourly Earnings of All Wage-Earners in the Manufacturing Industries, by Provinces, 1938-48—concluded

Province and Year	Annual	Weekly	Hourly	Hours Worked per week
	\$	\$	cents	No.
Quebec—concluded				
1945.....	1,463	31.55	60.9	48.0
1946.....	1,445	30.51	67.2	45.4
1947.....	1,601	34.82	76.7	45.4
1948.....	1,829	38.60	85.4	45.2
Ontario—				
1938.....	1,008	20.81	44.9	46.1
1939.....	1,026	21.60	45.9	46.9
1940.....	1,153	23.98	47.4	50.3
1941.....	1,309	26.19	51.5	50.5
1942.....	1,463	29.27	58.5	49.7
1943.....	1,591	30.45	62.9	47.9
1944.....	1,618	31.61	67.5	46.3
1945.....	1,577	31.37	68.8	45.1
1946.....	1,552	33.26	77.7	42.8
1947.....	1,792	38.57	89.7	43.0
1948.....	2,060	42.86	99.9	42.9
Manitoba—				
1938.....	1,034	22.00	49.5	44.2
1939.....	1,068	21.59	48.7	44.5
1940.....	1,088	22.38	46.3	48.1
1941.....	1,181	24.32	50.1	48.3
1942.....	1,298	25.92	52.8	48.7
1943.....	1,370	26.99	56.0	47.7
1944.....	1,452	28.25	61.0	45.9
1945.....	1,464	28.69	63.1	45.1
1946.....	1,491	31.16	72.8	42.8
1947.....	1,634	35.59	82.0	43.4
1948.....	1,833	39.22	91.0	43.1
Saskatchewan—				
1938.....	1,037	19.84	41.3	47.9
1939.....	1,027	20.07	42.0	47.7
1940.....	1,031	20.16	39.6	50.6
1941.....	1,097	22.18	42.7	51.8
1942.....	1,232	24.97	47.9	52.0
1943.....	1,378	27.80	54.3	51.1
1944.....	1,405	28.38	56.8	49.7
1945.....	1,415	29.78	64.5	45.9
1946.....	1,455	32.78	74.5	44.0
1947.....	1,643	36.63	84.5	43.3
1948.....	1,916	40.12	93.3	43.0
Alberta—				
1938.....	1,009	20.64	44.4	46.4
1939.....	1,050	21.36	45.9	46.4
1940.....	1,078	21.66	44.3	48.6
1941.....	1,118	23.26	46.5	49.9
1942.....	1,204	25.07	49.8	50.1
1943.....	1,374	27.22	55.8	48.5
1944.....	1,436	28.95	60.1	48.0
1945.....	1,452	29.61	65.1	45.2
1946.....	1,477	32.40	75.0	43.2
1947.....	1,657	36.81	84.2	43.7
1948.....	1,890	41.35	95.5	43.3
British Columbia—				
1938.....	1,128	22.46	50.5	44.4
1939.....	1,153	22.59	49.5	45.5
1940.....	1,250	24.64	53.5	46.0
1941.....	1,359	27.57	59.7	46.1
1942.....	1,633	33.30	71.5	46.4
1943.....	1,799	35.27	76.9	45.8
1944.....	1,809	35.61	79.2	44.9
1945.....	1,765	33.10	76.8	42.9
1946.....	1,750	36.83	89.4	41.2
1947.....	1,934	41.55	103.6	40.4
1948.....	2,182	46.02	114.2	40.3
Yukon and Northwest Territories—				
1939.....	1,734	33.28	63.6	52.3
1940.....	1,544	34.91	67.5	51.8
1941.....	2,033	31.56	57.1	55.5
1942.....	1,670	40.04	72.5	55.3
1943.....	2,030	45.20	93.0	48.9
1944.....	1,922	45.79	91.0	50.3
1945.....	2,110	48.96	98.7	49.6
1946.....	2,249	..	..	..
1947.....	2,152	..	..	..
1948.....	2,824	..	..	..

33.—Average Annual Weekly and Hourly Earnings of All Wage-Earners in the Manufacturing Industries, by Industrial Groups, 1938-48

Group and Year	Annual	Weekly	Hourly	Hours Worked per week
	\$	\$	cents	No.
Vegetable Products—				
1938.....	865	10.72	34.4	48.1
1939.....	878	16.91	34.6	48.4
1940.....	911	18.01	35.6	50.1
1941.....	994	19.87	39.1	50.4
1942.....	1,098	21.21	42.3	49.5
1943.....	1,193	23.53	47.0	47.2
1944.....	1,266	23.87	50.6	46.5
1945.....	1,304	25.02	53.1	46.4
1946.....	1,359	29.34	65.9	44.0
1947.....	1,532	33.07	76.2	43.4
1948.....	1,737	38.69	84.6	43.6
Animal Products—				
1938.....	864	16.43	34.6	47.4
1939.....	879	18.01	37.9	47.3
1940.....	917	19.68	39.4	49.7
1941.....	995	21.31	42.5	49.7
1942.....	1,085	23.33	46.8	49.5
1943.....	1,197	24.31	50.7	47.5
1944.....	1,266	25.75	55.6	45.9
1945.....	1,306	26.41	58.5	44.8
1946.....	1,371	28.97	66.2	43.4
1947.....	1,507	33.92	77.8	43.6
1948.....	1,682	35.99	83.7	43.0
Textiles and Textile Products—				
1938.....	739	15.17	33.1	45.7
1939.....	763	16.38	35.0	46.6
1940.....	836	17.49	35.9	48.5
1941.....	889	18.85	38.9	48.2
1942.....	989	20.00	41.7	47.5
1943.....	1,060	21.13	45.3	46.2
1944.....	1,118	22.18	48.8	44.9
1945.....	1,147	22.84	50.9	44.4
1946.....	1,212	24.73	58.6	42.2
1947.....	1,341	28.09	67.2	41.8
1948.....	1,550	31.63	75.5	41.9
Wood and Paper Products—				
1938.....	980	19.52	39.7	49.0
1939.....	1,003	19.97	40.3	49.9
1940.....	1,083	21.36	41.4	51.4
1941.....	1,152	23.28	44.7	52.0
1942.....	1,255	24.79	48.0	51.4
1943.....	1,336	26.12	51.8	50.1
1944.....	1,401	27.57	55.4	49.4
1945.....	1,434	29.38	62.3	46.7
1946.....	1,543	33.68	74.8	44.8
1947.....	1,767	39.16	87.6	44.7
1948.....	2,007	43.58	97.5	44.7
Iron and its Products—				
1938.....	1,154	25.33	57.1	44.3
1939.....	1,189	25.75	57.2	44.9
1940.....	1,405	29.48	58.2	50.7
1941.....	1,577	31.11	60.3	51.5
1942.....	1,750	35.95	69.8	51.3
1943.....	1,893	37.09	73.4	50.4
1944.....	1,939	39.13	80.3	48.7
1945.....	1,918	37.42	79.5	47.0
1946.....	1,803	38.11	87.2	43.7
1947.....	2,020	43.21	97.1	44.5
1948.....	2,324	47.58	107.9	44.1
Non-ferrous Metal Products—				
1938.....	1,142	22.79	51.1	44.5
1939.....	1,161	23.52	50.8	46.3
1940.....	1,252	25.43	49.8	50.8
1941.....	1,371	28.52	55.4	51.4
1942.....	1,535	30.53	58.7	50.9
1943.....	1,893	31.40	63.7	49.0
1944.....	1,645	31.64	66.9	47.1
1945.....	1,662	32.83	71.1	45.9
1946.....	1,618	35.51	80.7	44.0
1947.....	1,886	39.92	92.2	43.3
1948.....	2,185	44.70	104.2	42.9

33.—Average Annual Weekly and Hourly Earnings of All Wage-Earners in the Manufacturing Industries, by Industrial Groups, 1938-48—concluded

Group and Year	Annual	Weekly	Hourly	Hours Worked per week
	\$	\$	cents	No.
Non-metallic Mineral Products—				
1938.....	1,173	22.15	46.7	47.3
1939.....	1,169	23.70	50.2	47.1
1940.....	1,238	24.37	49.4	49.2
1941.....	1,349	27.11	54.4	49.8
1942.....	1,472	28.84	58.6	49.1
1943.....	1,614	31.09	63.7	48.7
1944.....	1,667	32.52	67.6	47.9
1945.....	1,650	31.97	68.0	46.9
1946.....	1,651	33.84	75.5	44.7
1947.....	1,919	40.45	89.7	45.1
1948.....	2,191	45.46	100.8	45.1
Chemicals and Allied Products—				
1938.....	1,017	19.48	44.2	43.9
1939.....	1,057	20.16	44.9	44.7
1940.....	1,115	21.64	45.4	47.4
1941.....	1,274	24.57	49.5	49.4
1942.....	1,345	26.52	54.4	48.6
1943.....	1,485	27.62	57.3	47.8
1944.....	1,540	29.69	63.6	46.4
1945.....	1,585	29.23	63.3	45.9
1946.....	1,563	32.46	73.1	44.4
1947.....	1,786	37.14	84.8	43.8
1948.....	2,030	41.05	93.3	44.0
Miscellaneous Industries—				
1938.....	850	17.87	39.0	45.7
1939.....	863	17.73	38.5	45.9
1940.....	916	18.65	38.0	49.0
1941.....	1,017	21.98	43.2	50.6
1942.....	1,118	25.35	50.7	48.7
1943.....	1,383	27.50	58.5	46.5
1944.....	1,437	26.62	59.8	44.1
1945.....	1,345	27.38	61.3	44.2
1946.....	1,295	26.69	62.0	42.8
1947.....	1,451	31.18	73.7	42.3
1948.....	1,655	33.84	80.0	42.3

34.—Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners in the Manufacturing Industries, by Provinces, 1938-48

Province and Year	MALE				FEMALE			
	Annual	Weekly	Hourly	Hours Worked per Week	Annual	Weekly	Hourly	Hours Worked per Week
	\$	\$	cents	No.	\$	\$	cents	No.
Prince Edward Island—								
1938.....	549	10.31	19.8	52.2	328	6.16	11.6	53.3
1939.....	581	12.88	25.9	49.7	288	7.50	15.2	49.2
1940.....	644	15.31	28.8	53.1	325	7.71	16.0	48.3
1941.....	645	16.70	32.2	51.9	352	9.10	18.6	48.8
1942.....	682	17.35	33.5	51.7	422	10.75	21.2	50.8
1943.....	992	26.44	47.2	56.0	459	12.25	23.2	52.8
1944.....	1,172	28.10	50.0	50.3	500	12.00	27.0	44.5
1945.....	1,080	30.00	59.3	50.6	557	15.49	30.7	50.5
1946.....	1,097	25.42	54.2	46.9	555	12.87	28.6	45.0
1947.....	1,131	28.01	59.6	47.0	613	15.19	37.7	40.3
1948.....	1,817	30.68	65.7	46.7	715	16.66	39.1	42.6
Nova Scotia—								
1938.....	926	17.96	35.6	50.4	469	9.11	18.4	49.4
1939.....	939	19.20	37.6	51.0	539	11.03	21.8	50.6
1940.....	1,040	20.47	39.0	52.5	569	11.19	21.7	51.6
1941.....	1,171	24.42	45.9	53.2	566	11.80	23.6	50.1
1942.....	1,377	28.84	52.2	53.2	779	13.66	28.2	48.5

34.—Average Annual Weekly and Hourly Earnings of Male and Female Wage-Earners in the Manufacturing Industries, by Provinces, 1938-48—continued

Province and Year	MALE				FEMALE			
	Annual	Weekly	Hourly	Hours Worked per Week	Annual	Weekly	Hourly	Hours Worked per Week
	\$	\$	cents	No.	\$	\$	cents	No.
Nova Scotia—concluded								
1943.....	1,571	32.22	61.5	52.4	853	17.51	37.1	47.2
1944.....	1,677	34.01	68.0	50.0	968	19.63	42.0	46.8
1945.....	1,640	34.67	72.8	47.6	799	16.89	36.8	45.9
1946.....	1,502	33.90	73.7	46.0	762	17.18	39.4	43.6
1947.....	1,584	37.47	81.1	46.2	744	17.62	40.6	43.4
1948.....	1,810	40.66	88.4	46.0	901	20.25	45.5	44.5
New Brunswick—								
1938.....	890	16.89	33.7	50.1	410	7.78	16.9	45.9
1939.....	894	18.18	36.1	50.3	493	10.01	21.3	46.9
1940.....	1,023	20.54	39.1	52.5	580	11.64	23.7	49.2
1941.....	1,104	22.81	42.2	54.0	573	11.84	24.1	49.2
1942.....	1,228	24.11	45.7	52.7	674	13.26	27.2	48.8
1943.....	1,369	26.69	50.9	52.4	720	14.04	30.7	45.7
1944.....	1,474	29.19	57.1	51.1	765	15.16	33.8	44.8
1945.....	1,515	31.67	63.1	50.2	744	15.54	35.2	44.1
1946.....	1,528	33.58	71.9	46.7	781	17.16	40.0	42.9
1947.....	1,714	37.05	79.5	46.6	890	19.22	47.7	40.3
1948.....	1,915	41.55	88.4	47.0	1,015	22.04	52.6	41.9
Quebec—								
1938.....	964	19.46	40.1	48.5	569	11.48	25.5	45.1
1939.....	984	20.03	41.0	48.8	596	12.14	26.7	45.4
1940.....	1,112	22.75	43.8	51.9	620	12.70	26.9	47.2
1941.....	1,260	26.14	49.3	53.0	697	14.46	30.3	47.8
1942.....	1,463	30.12	56.7	53.1	787	16.22	34.2	47.4
1943.....	1,642	32.49	62.2	52.2	916	18.09	39.4	45.9
1944.....	1,671	33.53	65.6	51.1	1,001	20.09	44.6	45.0
1945.....	1,684	34.13	68.7	49.7	935	18.97	42.9	44.2
1946.....	1,660	34.95	74.2	47.1	926	19.49	47.3	41.2
1947.....	1,830	39.66	84.2	47.1	1,016	22.02	54.1	40.7
1948.....	2,077	43.80	93.6	46.8	1,190	25.11	61.4	40.9
Ontario—								
1938.....	1,105	22.92	49.1	46.7	627	13.03	29.7	43.9
1939.....	1,127	23.85	50.3	47.4	640	13.54	30.1	45.0
1940.....	1,268	26.63	52.1	51.1	685	14.37	30.3	47.5
1941.....	1,450	29.39	57.2	51.4	780	15.82	33.2	47.6
1942.....	1,646	33.24	65.4	50.8	918	18.59	39.8	46.7
1943.....	1,812	34.99	70.4	49.7	1,042	20.13	45.9	43.9
1944.....	1,843	36.30	75.4	48.1	1,084	21.35	50.2	42.5
1945.....	1,790	36.02	77.1	46.7	1,024	20.61	49.5	41.6
1946.....	1,738	37.09	84.3	44.0	963	20.53	52.9	38.8
1947.....	1,988	42.70	96.6	44.2	1,153	24.13	62.2	38.8
1948.....	2,273	47.10	107.3	43.9	1,300	26.92	69.2	38.9
Manitoba—								
1938.....	1,127	24.15	54.1	44.6	576	12.35	29.0	42.6
1939.....	1,165	23.61	53.1	44.5	623	12.64	29.3	43.2
1940.....	1,179	24.30	49.9	48.7	660	13.60	29.9	45.5
1941.....	1,291	26.56	54.3	48.9	684	14.09	30.8	45.8
1942.....	1,436	29.07	58.5	49.7	757	15.32	33.7	45.4
1943.....	1,553	30.86	62.6	49.3	829	16.48	38.0	43.4
1944.....	1,653	32.36	68.6	47.2	932	18.24	42.5	42.9
1945.....	1,667	32.88	71.3	46.1	914	18.03	42.3	42.6
1946.....	1,662	34.51	78.8	43.8	949	19.72	49.8	39.6
1947.....	1,818	39.20	88.1	44.5	1,049	22.63	57.0	39.7
1948.....	2,042	43.48	98.6	44.1	1,144	24.35	61.5	39.6
Saskatchewan—								
1938.....	1,066	20.33	42.2	48.2	620	11.84	27.5	43.0
1939.....	1,059	20.62	43.0	48.0	592	11.53	26.7	43.2
1940.....	1,066	20.67	40.5	51.0	599	11.61	26.1	44.5
1941.....	1,136	22.81	43.7	52.2	687	13.81	29.8	46.4
1942.....	1,279	25.94	49.2	52.7	895	18.17	38.9	46.9
1943.....	1,461	29.34	56.8	51.7	1,005	20.19	41.9	48.2
1944.....	1,500	29.99	58.9	50.9	993	19.86	45.8	43.4
1945.....	1,526	32.36	69.4	46.6	934	19.81	45.6	43.4
1946.....	1,531	34.11	77.0	44.3	1,007	22.45	54.5	41.2
1947.....	1,726	39.16	87.5	43.8	1,106	25.10	62.3	40.3
1948.....	2,022	42.12	96.6	43.6	1,252	26.09	66.9	39.0

34.—Average Annual Weekly and Hourly Earnings of Male and Female Wage-Earners in the Manufacturing Industries, by Provinces, 1938-48—concluded

Province and Year	MALE				FEMALE			
	Annual	Weekly	Hourly	Hours Worked per Week	Annual	Weekly	Hourly	Hours Worked per Week
	\$	\$	cents	No.	\$	\$	cents	No.
Alberta—								
1938.....	1,051	21.42	45.9	46.7	671	13.67	31.3	43.7
1939.....	1,096	22.23	47.6	46.7	676	13.72	31.4	43.7
1940.....	1,134	22.53	46.3	48.7	638	14.19	26.8	47.4
1941.....	1,173	24.32	48.3	50.4	716	14.83	32.5	45.6
1942.....	1,309	26.93	52.9	50.9	801	16.50	35.2	46.4
1943.....	1,492	29.49	59.7	49.4	925	18.30	40.5	45.2
1944.....	1,568	31.50	64.4	48.9	996	20.01	44.8	44.7
1945.....	1,599	32.54	70.7	46.0	961	19.55	46.0	42.5
1946.....	1,582	34.50	79.3	43.5	981	21.38	51.4	41.6
1947.....	1,758	39.07	88.6	44.1	1,136	25.25	60.4	41.8
1948.....	2,005	43.80	100.0	43.8	1,251	27.31	67.1	40.7
British Columbia—								
1938.....	1,169	23.54	52.7	44.7	673	13.55	32.6	41.6
1939.....	1,201	23.73	51.8	45.8	652	12.89	29.8	43.2
1940.....	1,303	26.00	56.2	46.3	681	13.60	31.3	43.4
1941.....	1,417	28.99	62.6	46.3	743	15.18	34.3	44.2
1942.....	1,713	35.42	75.8	46.7	939	19.44	43.7	44.5
1943.....	1,903	37.57	81.3	46.2	1,239	24.46	56.0	43.7
1944.....	1,920	38.08	84.3	45.2	1,288	25.57	58.4	43.8
1945.....	1,879	36.21	83.4	43.4	1,139	21.96	53.4	41.1
1946.....	1,956	39.01	94.0	41.5	1,156	23.05	58.8	39.2
1947.....	2,045	43.55	107.8	40.4	1,229	26.19	68.2	38.4
1948.....	2,298	48.27	118.9	40.6	1,360	28.58	75.2	38.0
Yukon and Northwest Territories—								
1939.....	1,734	33.28	63.6	52.3	..	..	..	..
1940.....	1,596	35.81	69.3	51.7	741	16.60	31.3	53.0
1941.....	2,081	31.97	58.0	55.1	1,259	19.33	29.0	66.7
1942.....	1,703	40.74	73.8	55.2	723	17.33	28.9	60.0
1943.....	2,092	46.38	95.6	48.5	676	15.00	25.0	60.0
1944.....	1,922	45.79	91.0	50.3	..	..	..	..
1945.....	2,110	48.96	98.7	49.6	..	..	..	..
1946.....	..	..	..	..	..	..	..	..
1947.....	..	..	..	..	..	..	..	..
1948.....	..	..	..	..	..	..	..	..

¹ Includes Yukon.

35.—Average Annual Weekly and Hourly Earnings of Male and Female Wage-Earners in the Manufacturing Industries, by Industrial Groups, 1938-48

Group and Year	MALE				FEMALE			
	Annual	Weekly	Hourly	Hours Worked per Week	Annual	Weekly	Hourly	Hours Worked per Week
	\$	\$	cents	No.	\$	\$	cents	No.
Vegetable Products—								
1938.....	988	10.46	39.0	49.9	571	11.24	25.3	44.5
1939.....	1,006	19.75	39.4	50.1	576	11.32	25.2	45.0
1940.....	1,048	21.25	41.1	51.7	593	12.02	25.5	47.1
1941.....	1,150	23.55	45.3	52.0	665	13.62	28.6	47.7
1942.....	1,305	25.81	49.7	51.9	716	14.15	30.8	45.9
1943.....	1,440	27.81	55.4	50.2	785	15.16	35.3	43.0
1944.....	1,522	29.15	59.0	49.4	848	16.25	38.4	42.3
1945.....	1,563	30.49	62.2	49.0	850	16.59	39.2	42.3
1946.....	1,593	31.29	74.5	46.0	883	18.08	47.8	39.7
1947.....	1,786	38.90	85.5	45.5	989	21.54	54.8	39.3
1948.....	2,011	42.86	94.0	45.6	1,156	24.63	62.5	39.4

35.—Average Annual Weekly and Hourly Earnings of Male and Female Wage-Earners in the Manufacturing Industries, by Industrial Groups, 1938-48—continued

Group and Year	MALE				FEMALE			
	Annual	Weekly	Hourly	Hours Worked per Week	Annual	Weekly	Hourly	Hours Worked per Week
	\$	\$	cents	No.	\$	\$	cents	No.
Animal Products—								
1938.....	953	18.91	39.5	47.9	538	10.68	23.1	46.3
1939.....	957	20.18	42.1	47.9	603	12.72	27.8	45.7
1940.....	998	21.98	43.6	50.4	638	14.05	29.2	48.1
1941.....	1,116	24.71	48.6	50.8	637	14.11	29.7	47.5
1942.....	1,228	27.29	53.8	50.7	715	15.88	33.7	47.1
1943.....	1,369	28.58	58.2	49.1	799	16.70	37.4	44.7
1944.....	1,445	30.21	63.5	47.6	880	17.96	41.9	42.9
1945.....	1,490	30.73	66.7	46.1	890	18.34	43.3	42.4
1946.....	1,548	32.68	73.1	44.7	927	19.58	48.7	40.2
1947.....	1,697	37.89	84.2	45.0	1,011	22.57	57.0	39.6
1948.....	1,887	40.67	91.8	44.3	1,144	24.64	61.9	39.8
Textiles and Textile Products—								
1938.....	895	18.38	39.2	46.9	605	12.43	27.9	44.6
1939.....	929	19.96	41.8	47.7	622	13.37	29.3	45.7
1940.....	1,040	21.79	43.8	49.7	669	14.02	29.5	47.5
1941.....	1,111	23.74	47.6	49.9	718	15.33	32.6	47.0
1942.....	1,284	26.07	52.3	49.8	792	16.10	34.9	46.1
1943.....	1,406	28.14	57.5	48.9	848	16.97	38.0	44.6
1944.....	1,482	29.49	61.4	48.0	895	17.82	41.3	43.1
1945.....	1,519	30.25	63.7	47.5	919	18.32	43.1	42.5
1946.....	1,557	31.53	69.0	45.7	976	19.76	49.9	39.6
1947.....	1,723	36.08	80.0	45.1	1,065	22.36	56.6	39.4
1948.....	1,974	40.19	89.5	44.9	1,244	25.33	63.8	39.7
Wood and Paper Products—								
1938.....	1,013	20.08	40.6	49.4	639	12.68	28.6	44.4
1939.....	1,040	20.59	41.3	49.9	632	12.52	28.1	44.6
1940.....	1,123	22.10	42.6	51.9	654	12.86	27.8	46.2
1941.....	1,203	24.25	46.2	52.5	685	13.79	29.5	46.7
1942.....	1,323	26.04	49.9	52.2	763	15.05	33.1	45.4
1943.....	1,431	27.86	54.3	51.3	821	16.00	37.0	43.2
1944.....	1,508	29.48	58.1	50.7	844	16.50	39.4	41.9
1945.....	1,547	32.34	67.5	47.9	815	17.03	40.6	41.9
1946.....	1,642	36.28	79.7	45.5	875	19.34	47.5	40.7
1947.....	1,871	41.63	91.7	45.1	1,003	22.30	55.9	39.9
1948.....	2,119	46.07	101.7	45.3	1,144	24.90	62.1	40.1
Iron and Its Products—								
1938.....	1,169	25.65	57.8	44.4	687	15.09	36.0	41.9
1939.....	1,206	26.11	58.0	45.0	703	15.21	34.6	43.9
1940.....	1,428	30.00	59.1	50.8	755	15.87	33.6	47.3
1941.....	1,615	32.01	61.9	51.7	853	16.91	34.7	48.8
1942.....	1,819	37.71	72.9	51.6	1,111	23.06	46.8	49.3
1943.....	1,978	38.92	76.3	51.0	1,371	26.98	57.2	47.2
1944.....	2,003	40.53	82.5	49.1	1,546	31.30	67.7	46.2
1945.....	1,978	38.86	82.0	47.4	1,365	26.82	60.8	44.1
1946.....	1,844	39.03	88.9	43.9	1,086	22.98	55.5	41.4
1947.....	2,057	43.98	98.6	44.6	1,296	27.70	66.9	41.4
1948.....	2,363	48.46	109.4	44.3	1,526	31.30	75.6	41.4
Non-ferrous Metal Products—								
1938.....	1,201	23.97	53.7	44.6	742	14.81	34.0	43.5
1939.....	1,241	25.24	54.3	46.5	690	13.43	30.0	44.8
1940.....	1,347	27.45	53.5	51.3	717	14.62	30.2	48.4
1941.....	1,492	31.28	60.4	51.8	785	16.49	33.4	49.4
1942.....	1,681	33.72	64.2	51.4	1,009	20.25	41.1	49.3
1943.....	1,790	34.97	69.9	50.0	1,144	22.24	48.0	46.3
1944.....	1,846	35.65	74.0	48.2	1,169	22.56	50.7	44.5
1945.....	1,841	36.64	77.8	47.1	1,193	23.76	55.0	43.2
1946.....	1,776	37.15	85.0	43.7	1,117	23.37	57.7	40.5
1947.....	2,032	43.04	97.6	44.1	1,353	28.66	70.6	40.6
1948.....	2,336	47.74	109.5	43.6	1,549	31.64	79.5	39.8
Non-metallic Mineral Products—								
1938.....	1,195	22.52	47.5	47.4	543	10.22	22.2	46.1
1939.....	1,184	24.04	50.9	47.2	747	15.16	33.7	45.0
1940.....	1,262	24.90	50.4	49.4	649	12.81	27.9	45.9
1941.....	1,384	27.88	55.8	50.0	734	14.78	32.1	46.0
1942.....	1,522	29.93	60.7	49.3	878	17.27	36.2	47.6
1943.....	1,698	32.75	66.6	49.2	954	18.42	41.3	44.6
1944.....	1,750	34.18	70.5	48.5	1,078	21.06	47.7	44.2
1945.....	1,725	33.46	70.6	47.4	1,088	21.10	48.6	43.4
1946.....	1,708	35.31	78.3	45.1	1,064	21.99	52.6	41.8
1947.....	1,960	41.40	91.6	45.2	1,317	27.82	64.1	43.4
1948.....	2,238	46.33	102.5	45.2	1,455	30.10	70.5	42.7

35.—Average Annual Weekly and Hourly Earnings of Male and Female Wage-Earners in the Manufacturing Industries, by Industrial Groups, 1938-48—concluded

Group and Year	MALE				FEMALE			
	Annual	Weekly	Hourly	Hours Worked per Week	Annual	Weekly	Hourly	Hours Worked per Week
	\$	\$	cents	No.	\$	\$	cents	No.
Chemicals and Allied Products—								
1938.....	1,128	21-63	48-7	44-4	626	12-00	28-4	42-3
1939.....	1,169	22-25	49-3	45-1	657	12-51	28-9	43-3
1940.....	1,240	24-16	50-3	48-0	655	12-76	28-2	45-3
1941.....	1,419	28-38	56-6	50-1	820	16-40	34-3	47-8
1942.....	1,557	30-89	62-6	49-4	968	19-23	40-7	47-3
1943.....	1,788	33-42	67-8	49-3	1,025	19-16	41-9	45-7
1944.....	1,777	34-40	71-7	48-0	1,166	22-57	51-3	44-0
1945.....	1,803	33-83	71-4	47-4	1,143	21-45	49-5	43-3
1946.....	1,777	35-97	79-4	45-3	956	19-35	47-2	41-0
1947.....	1,984	40-90	91-5	44-7	1,067	21-99	54-7	40-2
1948.....	2,229	45-03	100-3	44-9	1,224	24-72	61-2	40-4
Miscellaneous Industries—								
1938.....	929	19-55	42-3	46-2	619	13-03	29-4	44-3
1939.....	947	19-44	41-9	46-4	628	12-88	29-0	44-4
1940.....	1,015	20-82	42-0	49-6	657	13-47	28-3	47-6
1941.....	1,167	25-41	49-3	51-5	666	14-51	29-9	48-6
1942.....	1,306	29-26	58-5	50-0	771	17-29	37-3	46-4
1943.....	1,643	32-87	67-4	48-8	997	19-96	46-1	43-3
1944.....	1,664	30-81	66-8	46-1	1,108	20-52	49-7	41-3
1945.....	1,607	32-70	71-2	45-9	951	19-36	46-4	41-7
1946.....	1,502	30-91	70-4	43-9	945	19-43	47-4	41-0
1947.....	1,709	35-75	81-8	43-7	1,084	22-67	57-1	39-7
1948.....	1,929	39-33	90-2	43-6	1,250	25-49	63-1	40-4

Real Earnings of Employees in Recent Years.—When the index number representing the average yearly wages is divided by the index number of the cost of living, on the same base, a measure of "real" wages is obtained. Index numbers for 1931 to 1948 are given in Table 36. In 1933, the height of the depression, real wages were 88.3 on the 1935-39 base. From then on they rose steadily and stood at 141.1 in 1944, an increase of about 60 p.c. In 1946 real wages dropped to 131.6 and rose again to 135.7 in 1948.

36.—Average Yearly Earnings, and Index Numbers of Earnings, Cost of Living and Real Wages of Wage-Earners, in the Manufacturing Industries, 1931-48

Year	Wages Paid	Average Wage-Earners	Average Yearly Earnings	Index Numbers (1935-39=100)		
				Average Yearly Earnings	Cost of Living	Real Value of Average Yearly Earnings
	\$	No.	\$			
1931.....	415,277,895	437,149	950	101-9	109-1	93-4
1932.....	322,245,926	381,783	844	90-6	99-0	91-5
1933.....	296,929,878	382,022	777	83-4	94-4	88-3
1934.....	355,090,929	427,717	830	89-1	95-7	93-1
1935.....	399,012,697	458,734	870	93-3	96-2	97-0
1936.....	438,873,377	489,942	896	96-1	98-1	98-0
1937.....	525,743,562	544,624	965	103-5	101-2	102-3
1938.....	498,282,208	521,427	956	102-6	102-2	100-4
1939.....	519,971,819	533,342	975	104-6	101-5	103-1
1940.....	679,273,104	626,484	1,084	116-3	105-6	110-1
1941.....	978,525,782	802,234	1,220	130-9	111-7	117-2
1942.....	1,347,934,049	974,904	1,383	148-4	117-0	126-8
1943.....	1,598,434,879	1,047,873	1,525	163-6	118-4	138-2
1944.....	1,611,555,776	1,030,324	1,564	167-8	118-9	141-1
1945.....	1,427,915,830	928,665	1,538	165-0	119-5	138-1
1946.....	1,329,811,478	877,150	1,516	162-7	123-6	131-6
1947.....	1,611,232,166	940,650	1,713	183-8	135-5	135-6
1948.....	1,877,107,315	957,727	1,960	210-3	155-0	135-7

Percentages of Salaries and Wages to Net Value of Products.—Table 37 shows the relation between salaries and wages paid by manufacturers and the total net value of production. Figures of gross production are often used in such calculations, but the values out of which the wages of employees must come in the long run are the values added to the raw materials while they are in the factory. Such added values constitute the real production of the manufacturing plant and are alone available for payment of salaries and wages, interest, rent, taxes, repairs and all other overhead charges that ordinarily must be met. The percentage declined steadily with the increasing manufacturing production from 1924 to 1929, while from 1931 to 1935 and again in 1938 and 1939, due to decreased industrial activity, the percentage of salaries to value added was above normal. It should be borne in mind, however, that salaried employees increased 183 p.c. during the period 1924-48 while wage-earners increased 129 p.c. The percentage of wages has fluctuated much less than that of salaries. The number of wage-earning employees may be more rapidly adjusted to the activity of the industry and wage levels likewise may be more readily adjusted to the price levels of the products. Of the increase in the net value of production since 1939 amounting to \$3,409,317,289, \$1,671,998,638 or 49 p.c. was passed along in increased salaries and wages.

37.—Percentages of Salaries and Wages Paid to the Total Net Values of Manufacturing Production, 1924-48

Year	Value Added by Processes of Manufacture ¹	Salaries Paid	Wages Paid	Percentages—		
				of Salaries to Value Added	of Wages to Value Added	of Total Salaries and Wages to Value Added
	\$	\$	\$	p.c.	p.c.	p.c.
1924.....	1,075,458,459	130,344,822	404,122,853	12.1	37.6	49.7
1925.....	1,167,936,726	133,409,498	436,534,944	11.4	37.4	48.8
1926.....	1,305,168,549	142,353,900	483,328,342	10.9	37.0	47.9
1927.....	1,427,649,292	151,419,411	511,285,921	10.6	35.8	46.4
1928.....	1,597,887,676	162,903,007	558,568,627	10.2	35.0	45.2
1929.....	1,755,386,937	175,553,710	601,737,507	10.0	34.3	44.3
1930.....	1,522,737,125	169,992,216	527,563,162	11.2	34.6	45.8
1931.....	1,252,017,248	172,289,095	415,277,895	13.8	33.2	47.0
1932.....	955,960,724	151,355,790	322,245,926	15.8	33.7	49.5
1933.....	919,671,181	139,317,946	296,929,878	15.1	32.3	47.4
1934.....	1,087,301,742	148,760,126	355,090,929	13.7	32.7	46.4
1935.....	1,153,485,104	160,455,080	399,012,697	13.9	34.6	48.5
1936.....	1,289,592,672	173,198,057	438,873,377	13.4	34.0	47.4
1937.....	1,508,924,867	195,983,475	525,743,562	13.0	34.8	47.8
1938.....	1,428,286,778	207,386,381	498,282,208	14.5	34.9	49.4
1939.....	1,531,051,901	217,839,334	519,971,819	14.2	34.0	48.2
1940.....	1,942,471,238	241,599,761	679,273,104	12.0	35.0	47.0
1941.....	2,605,119,788	286,336,861	978,525,782	11.0	37.6	48.6
1942.....	3,309,973,758	334,870,793	1,347,934,049	10.1	40.7	50.8
1943.....	3,816,413,541	388,857,505	1,598,434,879	10.2	42.0	52.2
1944.....	4,015,776,010	418,065,594	1,611,555,776	10.4	40.2	50.6
1945.....	3,564,315,899	417,857,619	1,427,915,830	11.7	40.1	51.8
1946.....	3,467,004,980	410,875,776	1,329,811,478	11.8	38.4	50.2
1947.....	4,292,055,802	474,693,800	1,611,232,166	11.0	37.6	48.6
1948.....	4,940,369,190	532,702,476	1,877,107,315	10.8	38.0	48.8

¹Equivalent to "net value of products"; see footnote 1, Table 1, p. 7.

Subsection 4.—Size of Manufacturing Establishments

The size of the manufacturing establishment is generally measured either by the value of product or by the number of employees, but each of these methods has its limitations. The latter takes no account of the differences in capital equipment

at different times or in various industries and obviously the increased use of machinery, as in the flour-milling industry, may lead to an increase in production concurrently with a decrease in number of employees. The former measure has to be adjusted for changes in the price level and, as between industries, it makes those in which the cost of raw materials is relatively high appear to operate on a larger scale.

Size as Measured by Gross Value of Products.—While in 1922 the 420 establishments each producing over \$1,000,000 had an aggregate value of products of \$1,268,056,129 or 51 p.c. of the total production of all manufacturing industries the 719 establishments producing over \$1,000,000 each in 1929 had an aggregate value of products of \$2,516,064,954, or 62 p.c. of the grand total for all manufacturing establishments—a very significant change in the short period of eight years. In 1931, however, the number of plants with a production of over \$1,000,000 dropped again to 482, their output being valued at \$1,451,658, 954, or 53 p.c. of the total. With the increased production resulting from war needs, the number of plants with a production of \$1,000,000 or over jumped to 1,376 in 1944 and their output was about 75 p.c. of the total value of manufactures. With the end of the war and the consequent decline in production of the huge war plants the number of establishments with a production of \$1,000,000 or over, although increasing to 1,442 in 1946, nevertheless saw a decline in the proportion of their output to 67 p.c. of the total. With increased prices and an expansion in the physical volume of production in 1947 and 1948, establishments with a production of \$1,000,000 or over increased to 1,883 while their contribution to the total output rose to 74 p.c.

38.—Manufacturing Establishments Classified According to Gross Value of Products 1929, 1939, 1944 and 1948

Group of Gross Values	1929 ¹			1939 ²		
	Estab- lishments	Total Production	Average per Estab- lishment	Estab- lishments	Total Production	Average per Estab- lishment
	No.	\$	\$	No.	\$	\$
Under \$25,000.....	14,024	106,735,470	7,611	15,623	120,903,054	7,739
\$ 25,000 but under \$ 50,000...	2,802	99,529,725	35,521	2,803	99,558,383	35,519
50,000 " 100,000...	2,209	156,308,744	70,760	2,215	156,410,769	70,614
100,000 " 200,000...	1,688	237,532,492	140,718	1,584	225,582,130	142,413
200,000 " 500,000...	1,519	504,218,217	331,941	1,285	390,626,844	303,990
500,000 " 1,000,000...	636	443,597,677	697,481	689	466,441,130	676,983
1,000,000 " 5,000,000...	601	1,217,866,089	2,026,400	520	1,091,293,939	2,098,642
5,000,000 and over.....	118	1,298,198,865	11,001,685	81	923,724,311	11,404,004
Totals and Averages.....	23,597	4,063,987,279	172,225	24,800	3,474,540,560	140,102
	1944			1948		
	Estab- lishments	Total Production	Average per Estab- lishment	Estab- lishments	Total Production	Average per Estab- lishment
	No.	\$	\$	No.	\$	\$
Under \$25,000.....	13,942	128,782,147	9,237	14,573	141,963,257	9,742
\$ 25,000 but under \$ 50,000...	4,011	143,023,914	35,658	4,745	169,887,316	35,803
50,000 " 100,000...	3,442	245,273,500	71,259	4,277	305,818,063	71,503
100,000 " 200,000...	2,513	355,235,489	141,359	3,428	486,087,094	141,799
200,000 " 500,000...	2,256	714,546,348	316,731	3,120	981,320,055	314,526
500,000 " 1,000,000...	943	661,670,696	701,666	1,421	980,451,836	689,973
1,000,000 " 5,000,000...	1,089	2,294,546,053	2,107,021	1,468	3,036,060,172	2,068,161
5,000,000 and over.....	287	4,530,614,372	15,786,113	415	5,775,202,219	13,916,149
Totals and Averages.....	28,483	9,073,692,519	318,565	33,447	11,876,790,012	355,093

¹ Includes central electric stations and dyeing, cleaning and laundry establishments.
of Yukon and the Northwest Territories.

² Exclusive

Size as Measured by Number of Employees.—In 1929, establishments employing 501 hands or over accounted for 27·3 p.c. of the number of employees engaged in manufacturing. The tendency then in evidence of increasing concentration into larger units was checked by the depression, the percentage dropping to 20·5 in 1933, (central electric stations included), but rising again to 25·6 in 1939. The same holds true for establishments employing 101 hands or over. In 1929 they employed 61·9 p.c., in 1933, 55·7 p.c. and in 1939 61·5 p.c.

The effect of the War on the concentration of industries into large units is illustrated by the increase in the number of establishments employing 500 hands or over. In 1939 such establishments numbered 172 and employed 25·6 p.c. of the total number of employees engaged in manufacturing. By 1944 the number had increased to 383 and the percentage of total employees to 47·0. In a further subdivision of this group in 1944 it was found that 226 establishments employed between 500 and 999 persons, 56 between 1,000 and 1,499, and 101 employed over 1,500. Altogether there were 12 plants employing over 7,000 persons, the largest having an employment of a little over 13,000 with the next three largest employing between 9,000 and 10,000. Three other plants employed between 8,000 and 9,000 persons while the lowest five plants in this group employed between 7,000 and 8,000 workers.

In 1947 and 1948 the larger establishments declined in size, those employing 1,500 or over, numbering only 65. The largest manufacturing plant in Canada which employed over 13,000 persons in 1944 employed under 13,000 in 1948. The second largest plant employed about 10,000 persons while the next two largest establishments employed a little over 6,000 persons and the next four had over 5,000 persons. The following is the size distribution of the highest group.

<i>Employees</i>	<i>Establishments</i>
Over 6,000.....	4
5,000 to 6,000.....	4
4,000 to 5,000.....	8
3,000 to 4,000.....	4
1,500 to 3,000.....	45
TOTAL.....	65

39.—Manufacturing Establishments, classified by Numbers of Employees and by Provinces, 1948

Province or Territory	Up to 500	500 to 799	800 to 999	1,000 to 1,499	1,500 or over	Total
Prince Edward Island.....	254	—	—	—	—	254
Nova Scotia.....	1,430	4	2	—	4	1,440
New Brunswick.....	1,059	6	—	1	1	1,067
Quebec.....	11,013	38	28	22	21	11,122
Ontario.....	11,940	103	19	31	34	12,127
Manitoba.....	1,392	3	1	2	2	1,400
Saskatchewan.....	926	—	—	—	—	926
Alberta.....	1,564	2	1	1	—	1,568
British Columbia.....	3,505	12	3	3	3	3,526
Yukon and Northwest Territories.....	17	—	—	—	—	17
Canada.....	33,100	168	54	60	65	33,447

40.—Manufacturing Establishments classified by Number of Employees per Establishment, 1929, 1939, 1944 and 1948

Group	1929 ¹			1939 ²		
	Estab- lishments	Employees	Average per Estab- lishment	Estab- lishments	Employees	Average per Estab- lishment
	No.	No.	No.	No.	No.	No.
Under 5 employees.....	12,273	30,446	2.5	13,002	28,020	2.2
5 to 20 employees.....	6,160	62,310	10.1	6,985	68,151	9.8
21 " 50 ".....	2,531	81,846	32.3	2,330	75,324	32.3
51 " 100 ".....	1,262	90,238	71.5	1,158	81,646	70.5
101 " 200 ".....	745	103,944	139.5	695	97,063	139.7
201 " 500 ".....	444	136,397	307.2	458	139,687	305.0
501 and over.....	182	189,253	1,040.0	172	168,168	977.7
Totals and Averages...	23,597	694,434	29.4	24,800	658,059	26.5
	1944			1948		
	No.	No.	No.	No.	No.	No.
	No.	No.	No.	No.	No.	No.
Under 5 employees.....	13,208	29,958	2.3	14,808	33,456	2.3
5 to 14 employees.....	7,111	58,404	8.2	8,934	74,159	8.3
15 " 49 ".....	4,615	124,408	27.0	5,763	155,263	26.9
50 " 99 ".....	1,622	113,869	70.2	1,823	127,412	69.9
100 " 199 ".....	900	126,192	140.2	1,089	152,722	140.2
200 " 499 ".....	644	196,707	305.4	683	208,537	305.3
500 and over.....	383	573,344	1,497.0	347	400,206	1,153.3
Head offices ³	—	—	—	—	4,251	0.1
Totals and Averages...	28,483	1,222,882	42.9	33,447	1,156,006	34.6

¹ Includes central electric stations, dyeing, cleaning and laundry establishments. ² Exclusive of Yukon and the Northwest Territories. ³ Under this heading are included only those head offices which are not located at a plant.

Size of Establishment in Leading Industries.—Table 41 summarizes the degree of concentration in some of the leading industries of Canada. Concentration is extremely marked in the case of automobiles, railway rolling-stock, non-ferrous metal smelting and refining, rubber goods, cotton yarn and cloth, pulp and paper, and primary iron and steel; whereas in the case of bread and other bakery products, sawmills, miscellaneous foods, fish curing and packing, butter and cheese, and women's factory clothing, the degree of concentration is low. This concentration is analysed in detail for each of the twenty-five leading industries in the tables following.

41.—Percentage Importance of Establishments, each Employing 200 or more Persons in the Twenty-Five Leading Industries, 1948

Industry	Number of Such Establish- ments	Percentage of Total Number in the Industry	Percentage of Total Production in the Industry
1 Pulp and paper.....	68	58.1	93.1
2 Slaughtering and meatpacking.....	30	21.4	78.3
3 Non-ferrous metal smelting and refining.....	13	76.4	95.5
4 Electrical apparatus and supplies.....	48	15.3	79.2
5 Sawmills.....	25	0.3	26.9
6 Automobiles.....	8	72.7	97.3
7 Petroleum products.....	12	27.3	79.4
8 Butter and cheese.....	16	0.8	15.7
9 Flour and feed mills.....	8	0.9	37.9
10 Primary iron and steel.....	29	52.7	92.8
11 Railway rolling-stock.....	24	63.2	96.9

41.—Percentage Importance of Establishments, each Employing 200 or more Persons in the Twenty-Five Leading Industries, 1948—concluded

Industry	Number of Such Establishments	Percentage of Total Number in the Industry	Percentage of Total Production in the Industry
12 Machinery.....	35	10.3	56.6
13 Clothing, women's factory.....	8	0.6	6.3
14 Clothing, men's factory.....	30	5.3	35.2
15 Cotton yarn and cloth.....	29	61.7	96.2
16 Rubber goods.....	18	32.1	93.1
17 Bread and other bakery products.....	20	0.7	27.2
18 Fruit and vegetable preparations.....	5	1.0	25.8
19 Sheet metal products.....	24	9.1	64.6
20 Hosiery and knitted goods.....	40	14.8	60.6
21 Agricultural implements.....	13	18.8	94.1
22 Printing and publishing.....	26	3.3	63.8
23 Furniture.....	13	1.2	16.5
24 Automobile parts.....	20	14.6	75.2
25 Miscellaneous food industries.....	2	0.7	1

¹ Information cannot be published.

42.—Principal Statistics of the Twenty-Five Leading Manufacturing Industries, Grouped According to Number of Employees per Establishment, 1948

NOTE.—For principal statistics in the manufacturing industries in each province by size of establishments, see Table 3 of Part II, p. 89.

Group and Industry	Establishments	Employees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1. Pulp and Paper—						
5 to 14 employees.....	2	467	1,056,895	263,271	2,828,298	6,724,717
15 " 49 ".....	14					
50 " 99 ".....	15					
100 " 199 ".....	18					
200 " 499 ".....	25					
500 and over.....	43	37,630	110,662,615	49,666,627	265,785,186	636,088,914
Head offices.....	—	1,959	8,626,607	—	—	—
Totals.....	117	51,924	151,662,761	63,843,111	349,244,083	825,857,664
2. Slaughtering and Meat-packing—						
Under 5 employees.....	10	24	39,544	8,849	476,120	525,777
5 to 14 ".....	31	273	569,225	56,066	11,351,169	13,183,715
15 " 49 ".....	41	1,041	2,060,068	212,909	23,944,040	28,499,674
50 " 99 ".....	17	1,236	2,899,867	293,844	49,191,878	55,069,126
100 " 199 ".....	11	1,734	3,822,871	375,999	44,140,119	52,257,331
200 " 499 ".....	18	5,626	13,450,992	933,376	139,871,162	163,524,789
500 and over.....	12	11,945	28,985,947	1,804,480	324,556,430	376,485,737
Totals.....	140	21,879	51,828,514	3,685,523	593,530,918	689,546,149
3. Non-ferrous Metal Smelting and Refining—						
Under 5 employees.....	1	451	1,379,090	1,273,122	16,977,191	25,510,555
50 to 99 ".....	1					
100 " 199 ".....	2					
200 " 499 ".....	6					
500 and over.....	7					
Totals.....	17	19,701	52,276,837	36,288,387	393,264,689	576,383,967

42.—Principal Statistics of the Twenty-Five Leading Manufacturing Industries,
Grouped According to Number of Employees per Establishment, 1948—continued

Group and Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
4. Electrical Apparatus and Supplies—						
Under 5 employees.....	45	118	199,691	12,890	294,406	665,173
5 to 14 ".....	62	506	906,824	35,893	1,396,593	3,090,159
15 " 49 ".....	84	2,538	4,884,548	176,917	11,086,253	21,655,926
50 " 99 ".....	45	3,223	6,002,954	219,357	9,398,322	23,802,758
100 " 199 ".....	30	4,229	8,874,509	320,144	18,801,427	39,161,761
200 " 499 ".....	25	6,742	14,403,612	488,642	27,905,022	60,892,093
500 and over.....	23	36,517	86,841,506	2,792,647	111,462,806	276,457,409
Totals.....	314	53,873	122,113,644	4,046,490	180,344,829	425,725,279
5. Sawmills—						
Under 5 employees.....	4,934	10,693	7,594,590	839,219	24,195,738	42,900,349
5 to 14 ".....	1,459	11,585	15,327,817	1,052,497	37,783,830	69,698,036
15 " 49 ".....	487	11,784	20,367,242	817,741	47,743,770	87,869,662
50 " 99 ".....	90	6,120	12,576,738	389,812	23,064,771	46,476,063
100 " 199 ".....	40	5,471	12,140,751	298,099	24,877,466	52,087,669
200 " 499 ".....	17	5,008	12,670,864	74,790	24,483,693	53,266,462
500 and over.....	8	6,065	14,296,195	290,948	26,418,902	56,969,231
Head Offices.....		30	91,479			
Totals.....	7,035	56,756	95,065,676	3,763,106	208,568,170	409,267,472
6. Automobiles—						
15 to 49 employees.....	1	324	745,267	34,687	6,974,056	10,720,968
100 " 199 ".....	2					
200 " 499 ".....	3	778	1,803,358	97,159	3,686,411	6,681,955
500 and over.....	5	23,601	65,929,096	2,569,419	239,093,768	380,653,652
Totals.....	11	24,703	68,477,721	2,701,265	249,754,235	398,056,575
7. Petroleum Products—						
Under 5 employees.....	7	18	36,499	2,381	123,127	268,591
5 to 14 ".....	6	58	122,986	17,291	850,318	1,083,904
15 " 49 ".....	5	158	280,239	101,267	5,015,329	5,946,485
50 " 99 ".....	9	646	1,573,459	653,330	22,495,277	27,247,995
100 " 199 ".....	5	782	1,902,782	1,271,337	38,204,321	46,773,022
200 " 499 ".....	8	2,516	6,377,551	5,796,678	109,337,056	140,307,360
500 and over.....	4	4,317	11,768,443	9,805,354	138,123,936	173,306,783
Totals.....	44	8,495	22,061,959	17,647,638	314,149,364	394,934,200
8. Butter and Cheese—						
Under 5 employees.....	1,259	2,804	2,916,528	845,596	70,842,894	77,481,939
5 to 14 ".....	443	3,516	5,234,877	1,257,134	82,398,740	95,294,098
15 " 49 ".....	176	4,450	7,357,460	1,541,021	63,610,534	80,100,260
50 " 99 ".....	35	2,477	4,416,922	590,131	24,507,100	32,966,195
100 " 199 ".....	22	2,947	5,707,999	620,364	21,576,973	32,810,625
200 " 499 ".....	12	3,273	6,827,583	654,641	22,524,388	35,920,130
500 and over.....	4	2,357	5,455,118	430,000	13,727,913	23,656,825
Totals.....	1,951	21,824	37,916,487	5,938,887	299,188,542	378,230,072
9. Flour and Feed Mills—						
Under 5 employees.....	731	1,373	1,517,627	439,647	39,662,977	44,605,846
5 to 14 ".....	139	1,048	1,816,733	349,971	29,241,975	33,953,479
15 " 49 ".....	31	781	1,660,766	207,928	27,425,007	31,798,006
50 " 99 ".....	8	597	1,337,345	221,567	30,415,147	34,569,722
100 " 199 ".....	7	951	2,153,279	372,187	40,091,514	47,992,511
200 " 499 ".....	8	2,322	5,363,845	632,784	102,412,816	117,849,136
Head Offices.....		52	206,056	1,101	—	—
Totals.....	924	7,124	14,055,651	2,225,185	269,249,436	310,768,700

42.—Principal Statistics of the Twenty-Five Leading Manufacturing Industries, Grouped According to Number of Employees per Establishment, 1948—continued

Group and Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
10. Primary Iron and Steel—						
Under 200 employees.....	26	2,158	4,886,667	699,932	9,696,132	20,430,639
200 and over.....	29	27,209	72,471,093	23,411,207	123,082,931	261,736,511
Totals.....	55	29,367	77,357,760	24,111,139	132,779,063	282,167,150
11. Railway Rolling Stock—						
Under 5 employees.....	2	18	38,474	3,413	529,595	631,184
5 to 14 ".....	2					
15 " 49 ".....	3	65	150,225	1,756	634,283	935,875
50 " 99 ".....	3	224	459,598	41,266	931,921	1,780,942
100 " 199 ".....	4	638	1,478,479	183,758	1,672,568	3,934,307
200 " 499 ".....	7	2,400	5,830,457	280,512	4,220,262	11,398,155
500 and over.....	17	28,026	69,904,617	4,115,646	119,104,111	218,702,429
Totals.....	38	31,371	77,861,850	4,626,351	127,092,740	237,382,892
12. Machinery—						
Under 5 employees.....	39	92	154,891	11,627	195,375	463,358
5 to 14 ".....	76	702	1,478,261	67,059	1,715,347	4,580,801
15 " 49 ".....	98	2,721	6,113,043	222,394	7,920,821	20,105,675
50 " 99 ".....	50	3,498	7,924,328	285,896	12,654,097	29,045,271
100 " 199 ".....	41	5,725	14,044,236	429,871	17,092,528	46,801,992
200 " 499 ".....	26	7,775	17,506,075	633,380	15,777,488	50,718,705
500 and over.....	9	9,450	22,303,010	833,883	31,006,681	80,890,027
Totals.....	339	29,963	69,523,844	2,484,110	86,362,337	232,605,829
13. Clothing, Women's Factory—						
Under 5 employees.....	111	273	440,250	8,383	1,811,037	3,507,431
5 to 14 ".....	374	3,584	6,185,531	67,125	11,860,122	23,705,832
15 " 49 ".....	507	13,812	25,389,874	218,458	46,300,015	91,043,656
50 " 99 ".....	120	8,030	14,304,384	105,870	27,422,447	54,520,821
100 " 199 ".....	40	5,472	8,964,424	84,207	19,414,658	36,038,530
200 " 499 ".....	8	2,245	4,078,529	29,693	7,220,719	13,998,456
Totals.....	1,160	33,416	59,363,042	513,736	114,028,998	222,814,726
14. Clothing, Men's Factory—						
Under 5 employees.....	118	273	567,324	6,462	3,538,899	6,529,369
5 to 14 ".....	115	983	1,943,806	21,269	8,136,335	14,789,721
15 " 49 ".....	169	4,946	8,027,938	101,827	18,828,254	35,168,744
50 " 99 ".....	86	6,293	9,632,385	131,847	21,703,994	39,238,236
100 " 199 ".....	45	6,500	10,364,198	105,132	21,496,300	39,739,913
200 " 499 ".....	22	6,942	10,771,210	132,180	22,473,303	42,179,822
500 and over.....	8	4,980	9,178,624	86,050	15,493,731	31,382,564
Head Offices.....	—	175	503,475	668	—	—
Totals.....	563	31,092	50,988,960	585,435	111,670,816	209,028,369
15. Cotton Yarn and Cloth—						
5 to 14 employees.....	5	42	62,486	4,601	160,166	263,491
15 " 49 ".....	7					
50 " 99 ".....	1	319	494,563	43,131	1,399,695	2,064,838
100 " 199 ".....	5	702	1,253,208	88,501	2,330,018	5,328,781
200 " 499 ".....	13	4,032	7,003,527	389,651	16,446,320	29,916,388
500 and over.....	16	19,295	35,540,859	3,112,943	99,402,603	165,873,403
Head Offices.....	—	423	1,601,338	—	—	—
Totals.....	47	24,813	45,955,981	3,638,827	119,738,802	203,446,901

42.—Principal Statistics of the Twenty-Five Leading Manufacturing Industries, Grouped According to Number of Employees per Establishment, 1948—continued

Group and Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
16. Rubber Goods—						
Under 5 employees.....	5	12	17,057	454	7,776	32,764
5 to 14 ".....	9	75	142,899	16,433	269,698	528,153
15 " 49 ".....	9	247	479,197	21,636	928,393	2,125,141
50 " 99 ".....	5	361	658,943	113,031	1,406,040	2,826,820
100 " 199 ".....	10	1,427	2,562,198	229,806	3,095,558	7,825,155
200 " 499 ".....	5	1,973	4,188,199	274,534	5,017,492	13,675,842
500 and over.....	13	17,608	40,224,522	2,232,640	73,498,774	167,098,059
Totals.....	56	21,703	48,273,015	2,888,534	84,223,731	194,111,934
17. Bread and Other Bakery Products—						
Under 5 employees.....	1,604	3,780	4,415,925	946,187	8,593,714	16,972,134
5 to 14 ".....	933	7,126	9,619,751	1,296,316	16,976,223	32,451,997
15 " 49 ".....	229	5,744	9,473,119	1,125,703	17,577,141	33,924,179
50 " 99 ".....	42	2,975	5,890,420	628,976	12,098,898	22,798,974
100 " 199 ".....	31	4,455	8,406,788	772,111	15,094,265	30,579,236
200 " 499 ".....	16	4,748	9,831,773	836,648	17,512,545	35,560,490
500 and over.....	4	2,642	5,483,136	442,706	6,530,975	15,646,323
Head offices.....	—	73	286,448	—	—	—
Totals.....	2,859	31,543	53,407,360	6,048,647	94,383,761	187,933,333
18. Fruit and Vegetable Preparations—						
Under 5 employees.....	118	326	273,463	31,125	949,281	1,471,077
5 to 14 ".....	143	1,294	1,513,153	146,798	6,360,311	9,585,687
15 " 49 ".....	147	4,073	5,412,235	515,903	19,298,267	32,967,874
50 " 99 ".....	63	4,554	7,111,620	738,769	28,043,302	45,481,255
100 " 199 ".....	23	3,331	5,192,855	477,019	20,311,509	33,255,548
200 " 499 ".....	3	2,851	5,347,614	484,615	23,363,543	42,743,862
500 and over.....	2					
Head offices.....	—	215	600,021	1,818	—	—
Totals.....	499	16,644	25,450,961	2,396,047	98,326,213	165,505,303
19. Sheet Metal Products—						
Under 5 employees.....	48	119	190,375	11,735	221,520	538,014
5 to 14 ".....	74	657	1,231,208	58,206	1,652,885	3,976,347
15 " 49 ".....	74	1,979	3,923,515	167,567	6,769,755	15,057,644
50 " 99 ".....	26	1,876	3,930,433	215,445	8,394,192	17,869,980
100 " 199 ".....	18	2,461	4,974,877	279,643	7,212,231	16,615,427
200 " 499 ".....	17	5,507	12,317,600	583,424	33,540,348	57,911,321
500 and over.....	7	4,747	10,540,580	593,647	23,344,064	40,592,170
Totals.....	264	17,346	37,108,588	1,909,667	81,134,995	152,560,903
20. Hosiery and Knitted Goods—						
Under 5 employees.....	27	66	84,623	2,006	261,665	652,426
5 to 14 ".....	40	378	571,009	12,317	1,426,278	2,504,386
15 " 49 ".....	94	2,728	3,918,388	163,288	9,321,505	18,598,772
50 " 99 ".....	41	2,892	4,160,603	120,079	8,208,767	16,306,873
100 " 199 ".....	29	4,057	5,448,589	178,714	9,540,786	20,426,199
200 " 499 ".....	31	9,743	15,818,191	612,556	22,384,247	51,018,411
500 and over.....	9	7,659	12,413,937	545,536	17,971,567	39,049,092
Head offices.....	—	111	392,076	—	—	—
Totals.....	271	27,634	42,807,416	1,634,496	69,114,815	148,556,159

**42.—Principal Statistics of the Twenty-Five Leading Manufacturing Industries,
Grouped According to Number of Employees per Establishment, 1948—concluded**

Group and Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
21. Agricultural Implements—						
Under 5 employees.....	12	31	47,821	3,039	79,550	169,743
5 to 14 ".....	19	163	312,842	13,990	339,738	774,331
15 " 49 ".....	14	460	789,488	48,935	1,564,529	2,984,007
50 " 99 ".....	9	890	1,682,015	64,996	1,969,066	4,673,256
100 " 199 ".....	2					
200 " 499 ".....	7	2,006	4,089,165	156,472	8,598,177	14,958,559
500 and over.....	6	15,561	38,349,342	1,709,816	69,039,510	123,396,358
Totals.....	69	19,111	45,270,673	1,997,248	81,590,570	146,956,254
22. Printing and Publishing—						
Under 5 employees.....	335	835	1,162,941	103,721	452,441	2,272,347
5 to 14 ".....	245	1,945	3,252,786	153,695	1,158,067	6,250,569
15 " 49 ".....	104	2,740	4,943,173	149,355	2,154,817	10,289,379
50 " 99 ".....	51	3,716	7,893,574	193,570	4,297,579	19,968,808
100 " 199 ".....	20	2,756	6,140,042	127,106	3,095,660	14,153,232
200 " 499 ".....	16	4,667	10,490,720	252,021	8,920,994	31,640,026
500 and over.....	10	7,784	20,697,665	382,020	21,127,858	61,639,408
Totals.....	781	24,443	54,580,901	1,361,488	41,207,416	146,213,769
23. Furniture—						
Under 5 employees.....	453	1,106	1,479,758	80,264	1,781,324	4,029,800
5 to 14 ".....	316	2,681	4,437,633	148,112	6,584,635	13,322,914
15 " 49 ".....	228	6,246	11,307,594	347,562	15,718,369	33,209,991
50 " 99 ".....	64	4,597	8,503,109	307,727	11,266,411	24,822,926
100 " 199 ".....	54	7,339	13,943,055	490,920	19,052,014	43,433,885
200 " 499 ".....	12	3,924	7,995,547	237,430	9,786,122	23,423,249
500 and over.....	1					
Totals.....	1,128	25,893	47,666,696	1,612,015	64,188,875	142,242,765
24. Automobile Parts—						
Under 5 employees.....	15	40	72,399	4,071	113,104	278,753
5 to 14 ".....	31	290	614,116	28,026	1,114,773	2,298,256
15 " 49 ".....	39	949	1,857,973	90,028	2,376,949	5,865,576
50 " 99 ".....	16	1,079	2,347,823	77,664	3,208,168	6,984,239
100 " 199 ".....	16	2,256	5,065,377	287,188	9,332,821	19,252,154
200 " 499 ".....	12	3,611	8,682,263	426,724	13,436,286	32,566,625
500 and over.....	8	8,163	20,586,419	1,427,407	40,422,383	72,822,811
Totals.....	137	16,388	39,226,370	2,341,108	70,004,484	140,068,414
25. Foods, Miscellaneous—						
Under 5 employees.....	99	259	360,376	23,482	1,738,256	2,503,423
5 to 14 ".....	95	812	1,333,679	79,390	7,805,258	10,713,750
15 " 49 ".....	66	1,730	2,952,675	221,888	25,875,740	33,283,583
50 " 99 ".....	17	1,085	1,806,397	157,047	15,555,231	21,443,954
100 " 199 ".....	15	2,554	4,990,342	328,505	48,692,618	65,340,214
200 " 499 ".....	2					
Totals.....	294	6,440	11,443,469	810,312	99,667,103	133,284,924

Subsection 5.—Power and Fuel

Power.—Power equipment installed in manufacturing establishments is a very good barometer of the industrial development of Canada, inasmuch as production is increasingly dependent on power equipment. Increases and decreases in productive capacity, measured in horse-power, are not the result of temporary fluctuations in costs and values in the same manner as capital investments, values of products, etc. Of course, power equipment installed is not a measure of the actual utilization of power for there is generally an excess over actual requirements, i.e., over power equipment in operation. Producers must have an installed operating margin in excess of normal requirements to provide for booming business conditions or breakdown of part of the plant; in times of depression this margin increases. During short periods of expanded production, the number of horse-power per wage-earner tends to decrease in view of the fact power equipment is not immediately increased, the expanded production being secured through overtime work or an increase in the number of shifts worked. Then too, the practice in factories, etc., of installing individual motors to each machine in place of large central motors increases total installed capacity. If spare or idle machinery were deducted from total installation over a long period of time, the resultant data would be more informative. Reports of such spare or idle equipment are available, however, since 1934, and the percentage of equipment not in regular use has been approximately the same each year, viz., about 6 or 7 p.c. Power equipment figures, unless such deductions are made over a long term, will not reflect temporary depressions.

Electric motors in the manufacturing industries operated by purchased power are included with primary power equipment and consequently the central electric stations producing the power are not included as manufacturing industries. Electric motors operated by power generated within these industries are not included in Table 43 with the primary power equipment that produces the power to operate them but they are shown separately, together with the total of all electric motors for each year. These totals indicate the rate of growth of electric drive in these industries in Canada, which has increased from 61.3 p.c. of the total power equipment in 1923 to 77.4 p.c. in 1948.

Of the total increase in power equipment employed in manufacturing industries since 1939, 65 p.c. was in electric motors operated by power purchased from central electric stations. However, some sections of Canada are not well provided with water power and in such sections primary power derived from steam engines or turbines, and internal combustion engines—which include all gasoline engines, gas engines (natural, coal, and producer gas), and compression-ignition engines—also has increased rapidly during the period covered. During the period 1939-1948 there was an increase of 57 p.c. in the capacity of water wheels, 30 p.c. in the capacity of steam engines, 55 p.c. in the capacity of electric motors, while internal combustion engines quadrupled during the same period.

In the Provinces of Prince Edward Island, Nova Scotia, New Brunswick, Saskatchewan, and Alberta, primary power produced from fuels is an important factor in power utilization.

Fuel and Electricity.—Fuel is used quite generally throughout the industrial field for the generation of power by means of steam and internal combustion engines. It is also used for the heating of plants, and for providing the heat necessary to some manufacturing processes. The most important industries where heat is applied to the materials to facilitate or accomplish the desired transformation are foundries and machine shops, brick, tile, lime, and cement-making, petroleum refining, the glass industry, distilleries, food preparation, rubber goods, etc. Fuel used for such heating purposes, as well as for power, is included in the figures of Table 44. In addition to the electricity used for ordinary power purposes, the figures include also the electricity used for heating boilers in the pulp and paper industry. Consumption of surplus energy in electric boilers increased rapidly during the years preceding the Second World War.

The figures of the table do not include coke charged to iron-blast furnaces or foundry cupolas. Neither do they include fuels that constitute the raw materials to be transformed as coal in the coke and gas industries and crude petroleum in the refining industry.

The value of fuel consumed increased 266 p.c. from 1939 to 1948. Part of the increase was due to an increase in the quantity used and part to the rise in the unit cost of fuels of all kinds. Electricity, on the other hand, has increased during the same period by 87 p.c. The groups of industries in which fuel was most extensively used in 1948 were: iron and its products, wood and paper products, non-ferrous metals and non-metallic mineral products.

Quebec is the largest user of electric power, having used 49.5 p.c. of the Dominion total in 1948.

43.—Power Equipment Installed in the Manufacturing Industries, 1931-47 with Details by Provinces and Industrial Groups, 1948

Year and Province or Group	Steam Engines and Turbines	Internal Combustion Engines	Hydraulic Turbines and Water Wheels	Total	Electric Motors Operated by Purchased Power	Total Power Equipment	Electric Motors Operated by Power Generated by Establishments Reporting	Total Electric Motors
	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.
Totals, 1931.....	780,487	73,376	667,546	1,521,409	2,578,523	4,099,932	539,430	3,117,953
Totals, 1932.....	735,980	68,551	653,204	1,457,735	2,684,923	4,142,658	510,837	3,195,760
Totals, 1933.....	738,297	76,583	657,683	1,472,563	2,662,445	4,135,008	497,392	3,159,837
Totals, 1934.....	774,494	87,120	597,675	1,459,289	2,770,383	4,229,672	544,714	3,315,097

**43.—Power Equipment Installed in the Manufacturing Industries, 1931-47 with
Details by Provinces and Industrial Groups, 1948—concluded**

Year and Province or Group	Steam Engines and Turbines	Internal Com- bustion Engines	Hydraulic Turbines and Water Wheels	Total	Electric Motors Operated by Pur- chased Power	Total Power Equip- ment	Electric Motors Operated by Power Generated by Estab- lishments Reporting	Total Electric Motors
	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.
Totals, 1935.....	774,166	88,265	603,717	1,466,148	2,865,340	4,331,488	512,177	3,377,517
Totals, 1936.....	743,184	92,480	648,489	1,484,153	2,977,714	4,461,867	528,501	3,506,215
Totals, 1937.....	834,703	98,233	649,557	1,582,493	3,129,790	4,712,283	602,955	3,732,745
Totals, 1938.....	830,897	111,645	723,377	1,665,919	3,303,804	4,969,723	659,741	3,963,545
Totals, 1939.....	827,801	121,997	731,390	1,681,188	3,364,099	5,045,287	694,450	4,058,549
Totals, 1940.....	848,596	152,240	727,051	1,727,887	3,563,048	5,290,935	724,769	4,287,817
Totals, 1941.....	917,474	179,461	724,199	1,821,134	4,028,942	5,850,076	740,112	4,769,054
Totals, 1942.....	927,509	224,358	741,751	1,893,618	4,168,402	6,062,020	800,917	4,969,319
Totals, 1943.....	988,280	257,873	749,593	1,995,746	4,420,105	6,415,851	760,630	5,180,735
Totals, 1944.....	1,013,615	288,312	729,216	2,031,143	4,437,296	6,468,439	779,717	5,217,013
Totals, 1945.....	1,015,294	295,123	709,598	2,020,015	4,586,636	6,606,651	787,930	5,374,566
Totals, 1946.....	1,032,639	368,458	732,859	2,133,956	4,649,993	6,783,949	820,371	5,470,364
Totals, 1947.....	1,047,838¹	453,304	798,461	2,299,603	5,099,566	7,399,169	804,064	5,903,630
PROVINCE								
Prince Edward								
Island.....	1,094	2,943	1,373	5,410	1,996	7,406	—	1,996
Nova Scotia.....	69,473	29,118	12,737	111,328	105,796	217,124	60,242	166,038
New Brunswick...	97,183	24,132	28,054	149,369	161,083	310,452	57,308	218,391
Quebec.....	200,328	85,567	277,366	563,261	2,115,489	2,678,750	177,946	2,293,435
Ontario.....	463,675	145,799	297,154	906,628	2,294,632	3,201,260	441,620	2,736,252
Manitoba.....	15,434	13,086	30	28,550	185,288	213,838	5,652	190,940
Saskatchewan.....	9,866	19,748	—	29,614	38,776	68,390	230	39,006
Alberta.....	26,209	51,945	44	78,198	136,339	214,537	3,960	140,299
British Columbia..	193,029	171,796	533,550	898,375	348,384	1,246,759	184,354	532,738
Yukon and North- west Territories..	120	754	—	874	24	898	—	24
Totals, 1948.....	1,076,411¹	544,888	1,150,308	2,771,607	5,387,807	8,159,414	931,312	6,319,119
INDUSTRIAL GROUP								
Vegetable products	65,665	35,975	23,452	125,092	434,743	559,835	38,736	473,479
Animal products...	21,527	15,445	2,916	39,888	233,268	273,156	3,795	237,063
Textiles and textile products.....	26,474	5,170	26,247	57,891	284,062	341,953	23,144	307,206
Wood and paper products.....	593,873	385,901	683,842	1,663,616	2,112,195	3,775,811	701,911	2,814,106
Iron and its prod- ucts.....	186,943	50,224	1,818	238,985	1,110,447	1,349,432	103,405	1,213,852
Non-ferrous metal products.....	30,844	9,689	90,400	130,933	589,647	720,580	10,751	600,398
Non-metallic min- eral products....	67,506	24,707	983	93,196	290,992	384,188	11,558	302,550
Chemicals and allied products...	80,719	17,407	320,650	418,776	294,420	713,196	35,584	330,004
Miscellaneous industries.....	2,860	370	—	3,230	38,033	41,263	2,428	40,461

¹Includes "steam engines" 492,095 h.p. and "steam turbines" 584,316 h.p.

44.—Fuel and Electricity Used in the Manufacturing Industries

Year and Province or Group	Bituminous Coal				Anthracite	
	Canadian		Imported			
	short tons	\$	short tons	\$	short tons	\$
Totals, 1932.....	1,578,341	8,433,592	2,255,296	12,004,969	136,947	1,002,634
Totals, 1933.....	1,499,715	7,571,912	2,026,113	10,770,107	145,017	1,033,154
Totals, 1934.....	1,812,712	9,220,235	2,123,376	12,151,844	166,242	1,166,745
Totals, 1935.....	1,889,364	9,681,361	2,135,592	12,427,515	173,188	1,194,905
Totals, 1936.....	2,122,583	10,886,270	2,383,166	13,683,753	176,869	1,274,078
Totals, 1937.....	2,907,671	15,648,467	2,828,519	16,255,262	173,993	1,253,376
Totals, 1938.....	2,484,071	13,553,411	2,455,613	14,266,262	152,194	1,107,168
Totals, 1939.....	2,893,613	15,744,444	2,262,378	13,386,496	167,465	1,151,278
Totals, 1940.....	3,306,682	19,381,414	3,204,513	19,707,934	171,271	1,347,910
Totals, 1941.....	3,121,155	19,940,895	4,689,123	31,835,408	180,189	1,540,230
Totals, 1942.....	3,469,131	24,312,873	5,301,273	38,940,599	236,494	2,126,707
Totals, 1943.....	2,971,872	21,853,184	6,510,494	50,089,082	265,537	2,372,290
Totals, 1944.....	2,538,345	19,785,479	7,336,983	55,667,410	228,795	2,231,277
Totals, 1945.....	2,262,325	17,339,084	6,221,434	51,584,560	214,975	2,094,925
Totals, 1946.....	2,278,560	18,058,067	5,794,992	48,211,575	179,139	1,812,744
Totals, 1947.....	2,320,857	20,359,037	6,926,633	62,131,014	178,776	1,940,419
PROVINCE						
Prince Edward Island.....	7,723	98,916	7	143	45	973
Nova Scotia.....	380,780	3,237,688	251	5,585	1,268	20,629
New Brunswick.....	543,232	5,174,979	6,055	61,028	3,921	42,687
Quebec.....	1,127,389	12,394,659	2,141,168	22,796,888	91,497	970,819
Ontario.....	169,244	1,916,932	5,289,043	50,065,820	82,110	1,021,280
Manitoba.....	194,126	1,748,647	14,900	188,690	13,707	202,319
Saskatchewan.....	75,969	720,285	1,595	13,063	182	1,839
Alberta.....	128,497	815,892	9	99	28	344
British Columbia.....	308,153	2,493,047	15,469	183,854	1,453	13,837
Yukon and Northwest Territories.....	10	220	—	—	—	—
Totals, 1948.....	2,935,123	28,601,265	7,468,497	73,315,170	194,211	2,274,727
INDUSTRIAL GROUP						
Vegetable products.....	224,696	2,080,954	686,085	7,148,836	54,018	737,024
Animal products.....	216,498	2,191,128	301,532	3,272,541	6,313	85,198
Textiles and textile products.....	192,639	2,073,621	431,078	4,605,216	32,136	294,551
Wood and paper products.....	1,036,240	10,663,769	2,618,888	26,603,382	30,314	341,553
Iron and its products.....	362,129	2,991,900	797,580	7,776,980	43,878	482,387
Non-ferrous metal products.....	340,420	3,436,581	1,013,455	8,801,746	5,432	61,359
Non-metallic mineral products.....	443,351	4,108,825	773,633	8,029,378	6,387	86,013
Chemicals and allied products.....	112,965	981,650	815,426	6,747,811	13,661	153,992
Miscellaneous industries.....	6,185	72,837	30,820	329,280	2,072	32,650

¹ Includes gasoline and kerosene purposes.² Includes fuel and electricity used in smelters for metallurgical

1932-47 with Details by Provinces and Industrial Groups, 1948

Lignite		Coke		Fuel Oils	Wood	Gas	Other Fuel ¹	Elec- tricity	Total
short tons	\$	short tons	\$	\$	\$	\$	\$	\$	\$
156,097	497,154	322,829	1,592,015	4,684,042	1,483,066	4,692,700	974,884	34,764,666	70,129,722
158,437	522,626	288,811	1,574,426	4,606,527	1,635,689	4,827,310	981,591	33,092,334	66,615,676
193,820	601,520	319,410	1,670,877	5,182,216	1,450,553	5,734,229	1,549,086	38,150,061	76,877,366
215,341	684,396	376,928	1,921,138	5,981,169	1,419,130	5,707,589	1,773,040	40,489,645	81,279,888
233,138	740,099	344,797	1,883,025	6,381,311	1,421,076	6,583,603	1,962,450	43,781,481	88,597,146
265,440	759,600	657,994	5,169,524	8,580,369	1,636,098	7,404,919	2,867,421	50,032,810	109,607,846 ²
223,536	692,428	585,467	4,493,824	8,103,428	1,614,941	7,381,904	2,803,022	47,900,172	101,916,560 ²
238,698	740,593	596,077	4,870,875	8,560,418	1,562,119	7,891,892	3,155,016	50,509,121	107,572,252 ²
319,499	965,229	689,878	5,797,070	12,360,737	1,754,791	10,172,976	7,062,852	58,429,262	136,980,175 ²
366,010	1,177,180	728,871	6,388,464	17,734,137	1,896,184	12,554,559	9,819,759	71,754,501	174,641,317 ²
359,534	1,166,125	724,264	7,002,130	21,345,936	2,213,637	13,180,067	11,224,569	85,205,846	206,718,489 ²
345,359	1,085,734	752,916	7,260,866	22,402,629	2,469,573	15,198,110	11,272,877	91,950,030	225,954,375 ²
421,351	1,522,417	803,179	7,909,168	21,822,975	2,340,460	16,890,106	9,714,478	87,699,383	225,583,153 ²
425,293	1,525,867	801,706	7,606,247	21,333,878	2,229,111	15,078,350	9,592,233	83,999,865	212,384,120 ²
394,689	1,442,277	691,152	6,884,833	23,872,464	2,189,271	13,968,365	10,740,024	83,273,105	210,452,725 ²
382,661	1,452,342	758,580	8,459,230	36,971,607	1,980,732	16,492,228	14,026,594	90,876,176	254,689,679 ²
—	—	100	2,130	11,368	8,567	—	42,989	56,533	221,619
4	54	18,313	127,308	1,866,876	33,860	1,935,950	503,818	1,843,839	9,575,607
11	193	3,167	24,337	833,218	145,963	27,734	445,223	2,009,643	8,765,005
32	506	129,848	1,860,772	16,038,860	978,962	4,637,819	4,482,868	46,817,277	110,979,430
13,925	78,121	514,055	6,162,479	22,351,146	479,115	13,792,012	8,717,847	33,603,767	138,188,519
229,156	1,001,140	14,367	222,102	1,028,307	134,926	194,530	611,352	2,616,166	7,948,179
61,642	254,825	556	4,669	1,001,412	41,715	353,189	270,248	1,225,297	3,886,542
68,002	212,828	1,483	20,257	236,396	16,254	1,196,367	641,126	2,060,671	5,200,234
6,132	51,273	86,351	1,151,784	7,506,521	146,511	450,368	2,406,430	4,238,768	18,642,393
—	—	—	—	113,107	5,511	—	9,434	3,394	131,666
378,904	1,598,940	768,240	9,575,838	50,987,211	1,991,384	22,587,969	18,131,335	94,475,355	303,539,194 ²
98,442	438,931	33,928	556,762	4,538,732	499,350	1,442,489	4,030,512	6,679,864	28,153,454
92,139	440,964	36,455	191,760	2,040,379	552,583	333,565	2,734,870	3,927,637	15,770,625
1,508	11,220	4,235	38,209	1,370,493	25,722	131,885	406,776	5,408,478	14,366,171
27,742	133,273	3,485	38,092	7,113,299	174,606	300,496	4,030,069	28,846,064	77,744,603
105,669	366,597	78,480	700,278	15,204,943	91,783	7,807,096	2,767,365	15,007,022	53,196,351
1,054	6,195	289,458	4,480,092	5,757,392	37,945	629,856	617,277	20,351,777	44,180,220
48,390	178,278	319,301	3,518,157	13,114,309	574,734	11,731,126	2,454,002	6,740,852	50,535,674
3,808	21,510	2,508	45,770	1,720,954	26,937	133,496	942,796	7,192,497	17,967,413
152	1,972	390	6,718	126,710	7,724	77,960	147,668	821,164	1,624,683

PART II.—PROVINCIAL AND LOCAL DISTRIBUTION OF MANUFACTURING PRODUCTION

This part of the Report is introduced by a general analysis of the concentration of the manufacturing industries in the provinces. In the sections that follow, the principal features of the manufactures of each province are brought out and finally the distribution of manufacturing throughout the principal cities and towns of Canada is shown.

Ontario and Quebec are by far the most important manufacturing provinces of Canada. Their combined production in 1948 amounted to \$9,342,446,884 or 79 p.c. of the total gross value of manufactured products. The proximity of Ontario to the coalfields of Pennsylvania, the water power and other varied resources of the provinces, and their nearness to the larger markets of Canada and the United States have all contributed to this progress.

Table 1 shows the outstanding predominance of Ontario and Quebec in each industrial group. Quebec leads in the manufacture of textiles, but in each of the other groups Ontario has the greater production. The standing of these two provinces is most nearly approached by British Columbia in the case of the wood and paper products group; the latter province accounts for 19 p.c. of the gross production of that group compared with 36 p.c. for Ontario and 33 p.c. for Quebec. In each of the other groups Ontario and Quebec lead by a wide margin.

1.—Summary Statistics of Manufactures of Each Province, classified by Industrial Groups, 1948

Province and Group	Estab- lishments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Canada						
Vegetable products.....	5,912	140,785	264,371,792	1,172,108,404	702,724,107	1,902,985,965
Animal products.....	4,323	102,817	186,776,617	1,203,694,769	342,913,582	1,562,378,976
Textiles and textile products.....	3,204	182,408	315,273,042	645,183,100	578,579,691	1,238,128,962
Wood and paper products	13,806	256,938	534,656,794	1,013,842,292	1,124,398,167	2,215,985,062
Iron and its products.....	2,548	269,776	652,953,714	1,076,895,019	1,123,685,663	2,253,777,033
Non-ferrous metal products.....	817	99,921	230,892,260	736,583,447	489,559,766	1,270,323,433
Non-metallic mineral products.....	1,009	40,956	93,582,722	441,612,794	231,961,750	724,110,218
Chemicals and allied products.....	1,026	39,548	89,325,771	293,041,874	268,818,222	579,827,509
Miscellaneous industries.	802	22,857	41,977,079	49,919,929	77,728,242	129,272,854
Totals.....	33,447	1,156,006	2,409,809,791	6,632,881,628	4,940,369,190	11,876,790,012
Prince Edward Island						
Vegetable products.....	38	216	260,268	1,272,697	479,538	1,790,493
Animal products.....	92	857	961,164	8,549,577	1,957,602	10,632,856
Wood and paper products	113	448	465,881	631,956	768,042	1,431,381
Iron and its products.....	6	130	205,607	230,201	279,331	523,990
All other groups ¹	5	108	181,065	1,950,354	733,167	2,695,364
Totals.....	254	1,759	2,073,985	12,634,785	4,217,680	17,074,084

¹Includes textiles, non-metallic minerals, and chemicals.

1.—Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1948—continued

Province and Group	Estab- lishments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Nova Scotia						
Vegetable products.....	161	3,152	4,446,526	12,317,241	10,060,932	23,022,968
Animal products.....	246	4,779	6,046,346	31,041,542	14,168,397	45,896,379
Textiles and textile products.....	28	2,486	3,458,784	7,351,711	6,093,271	13,702,590
Wood and paper products	884	8,000	11,535,734	21,784,504	23,092,840	46,660,823
Iron and its products.....	71	9,969	22,596,864	38,812,100	30,987,937	73,288,581
Non-metallic mineral products.....	29	1,592	3,775,257	25,908,204	9,552,443	38,031,803
Chemicals and allied products.....	15	341	654,306	3,510,903	1,729,473	5,382,055
Miscellaneous industries.	6	29	39,383	35,388	89,190	126,484
Totals.....	1,440	30,348	52,553,200	140,761,593	95,774,483	246,111,683
New Brunswick						
Vegetable products.....	145	3,035	5,146,938	43,932,433	13,831,607	58,950,887
Animal products.....	214	4,137	4,907,105	24,358,426	8,215,545	33,311,076
Textiles and textile products.....	17	2,242	3,675,251	6,036,543	6,978,038	13,301,850
Wood and paper products	616	9,993	19,553,250	45,639,706	45,825,751	96,973,159
Iron and its products.....	36	3,560	8,055,177	8,270,101	11,089,989	19,880,528
Non-metallic mineral products.....	23	447	808,764	1,147,860	1,690,478	3,191,581
Chemicals and allied products.....	7	174	374,262	3,499,732	1,127,795	4,686,912
Miscellaneous industries ¹	9	737	1,397,940	1,525,728	2,644,947	4,283,691
Totals.....	1,067	24,325	43,918,687	134,410,529	91,404,150	234,579,684
Quebec						
Vegetable products.....	1,827	42,870	77,732,024	302,665,908	204,731,554	515,278,288
Animal products.....	1,750	34,501	56,324,442	312,372,096	99,954,076	416,393,351
Textiles and textile products.....	1,794	100,814	172,491,703	359,646,177	322,684,304	690,505,576
Wood and paper products	4,117	78,220	161,937,096	340,413,099	356,767,890	733,686,171
Iron and its products.....	563	66,239	154,966,995	206,006,108	251,936,206	467,904,862
Non-ferrous metal products.....	216	30,882	69,713,124	215,690,723	136,012,310	373,737,356
Non-metallic mineral products.....	268	10,432	22,996,009	125,670,614	59,903,186	202,715,056
Chemicals and allied products.....	337	14,515	31,228,974	79,100,944	86,414,004	170,377,188
Miscellaneous industries.	250	5,493	8,825,767	12,546,274	15,811,130	28,708,185
Totals.....	11,122	383,966	756,216,134	1,954,111,943	1,534,214,660	3,599,306,033
Ontario						
Vegetable products.....	2,487	69,331	135,562,201	569,175,804	357,647,015	940,096,909
Animal products.....	1,402	35,283	70,302,447	437,541,167	123,216,607	566,998,788
Textiles and textile products.....	1,132	68,356	122,446,986	237,228,177	216,945,241	459,511,597
Wood and paper products	3,854	96,130	206,738,297	357,692,933	412,806,372	794,351,380
Iron and its products.....	1,330	162,969	403,763,151	749,535,646	727,302,586	1,512,769,634
Non-ferrous metal products.....	501	62,393	144,740,898	381,503,021	327,670,514	727,832,958
Non-metallic mineral products.....	478	21,159	49,834,604	183,165,636	123,080,729	328,922,670
Chemicals and allied products.....	523	20,538	47,816,697	167,964,964	143,496,056	322,675,904
Miscellaneous industries.	420	15,499	29,434,931	34,276,997	54,702,867	89,981,011
Totals.....	12,127	551,658	1,210,640,212	3,118,084,345	2,486,867,987	5,743,140,851

¹Includes non-ferrous metals.

1.—Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1948—concluded

Provinces and Group	Estab- lishments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Manitoba						
Vegetable products.....	275	5,516	9,983,698	61,169,336	27,738,347	90,320,898
Animal products.....	209	6,956	14,670,322	120,954,256	26,514,633	148,414,308
Textiles and textile pro- ducts.....	119	5,531	8,363,543	22,384,223	16,136,149	38,681,188
Wood and paper products	522	7,979	15,225,538	24,518,366	32,241,881	58,101,677
Iron and its products....	117	11,069	24,402,470	30,642,760	36,480,296	68,754,084
Non-ferrous metal pro- ducts.....	31	1,067	2,123,735	19,814,418	5,265,928	25,608,995
Non-metallic mineral products.....	47	1,263	2,389,809	9,860,658	6,689,188	18,302,396
Chemicals and allied products.....	38	724	1,342,911	6,495,884	5,003,385	11,610,034
Miscellaneous industries.	42	452	801,850	766,368	1,576,925	2,407,600
Totals.....	1,400	40,557	79,303,876	296,606,269	157,646,732	462,201,180
Saskatchewan						
Vegetable products.....	170	2,555	4,852,335	43,611,813	16,637,391	61,045,464
Animal products.....	96	3,302	6,627,956	58,624,351	14,104,588	73,379,057
Textiles and textile pro- ducts.....	7	136	238,537	1,249,585	281,413	1,546,288
Wood and paper products	560	2,984	4,725,147	5,850,295	8,463,833	14,566,960
Iron and its products....	44	575	1,189,592	1,807,824	2,005,653	3,890,682
Non-metallic mineral products.....	31	865	2,050,173	32,154,363	2,726,315	36,281,130
Chemicals and allied products.....	11	170	332,408	4,118,240	977,064	5,141,516
Miscellaneous industries ¹	7	363	1,022,763	25,006,804	121,363	25,512,506
Totals.....	926	10,950	21,038,911	172,423,275	45,053,786³	221,363,603
Alberta						
Vegetable products.....	285	4,794	9,198,949	61,311,785	30,082,931	92,338,433
Animal products.....	146	5,392	10,884,140	115,028,617	20,855,601	136,662,931
Textiles and textile pro- ducts.....	32	906	1,394,486	3,486,248	3,021,176	6,528,335
Wood and paper products	905	7,375	11,942,795	24,535,154	24,231,698	49,425,065
Iron and its products....	95	3,840	8,843,544	9,176,128	11,810,795	21,363,361
Non-ferrous metal pro- ducts.....	9	73	167,919	689,465	382,667	1,082,799
Non-metallic mineral products.....	61	2,713	5,932,887	35,537,119	11,954,331	49,249,173
Chemicals and allied products.....	21	491	1,130,737	3,878,515	4,367,685	8,882,123
Miscellaneous industries.	14	108	242,304	111,936	427,997	557,862
Totals.....	1,568	25,692	49,737,761	253,754,967	107,134,881	366,090,082
British Columbia						
Vegetable products.....	519	9,302	17,165,414	76,625,182	41,480,037	120,074,062
Animal products.....	168	7,610	16,052,695	95,224,737	33,926,533	130,690,230
Textiles and textile pro- ducts.....	73	1,884	3,132,272	6,902,987	6,196,325	13,205,331
Wood and paper products	2,227	45,767	102,456,232	192,679,105	220,073,425	420,557,445
Iron and its products....	286	11,425	28,930,314	32,414,151	51,792,870	85,401,311
Non-ferrous metal pro- ducts.....	55	4,820	12,505,920	93,440,723	19,416,421	115,095,137
Non-metallic mineral products.....	70	2,397	5,535,594	27,469,810	16,116,939	46,351,190
Chemicals and allied products.....	72	2,553	6,361,098	23,438,162	25,259,769	49,589,716
Miscellaneous industries.	56	856	1,841,266	1,080,146	3,412,987	4,628,280
Totals.....	3,526	86,614	193,980,805	549,275,003	417,675,306	985,592,702
Yukon and N.W.T.						
Vegetable products.....	5	14	23,439	26,205	34,755	67,563
Wood and paper products	8	42	76,824	97,174	126,435	231,001
All other groups ²	4	81	245,957	695,540	218,335	1,031,546
Totals.....	17	137	346,220	818,919	379,525	1,330,110

¹Includes non-ferrous metals, products, and miscellaneous industries.

²Includes non-ferrous metal products, non-metallic mineral products, and miscellaneous industries.

³Due to interprovincial transfer of materials for further processing, the non-ferrous metal products group reported a loss of \$263,834.

The degree of concentration of manufacturing production in large units is illustrated in Table 2. In Ontario 38 p.c. of all persons engaged in manufacturing were employed in establishments having 500 or more employees, as compared with 35 p.c. for Canada as a whole. Quebec ranked second with 36 p.c., followed by Nova Scotia with 34 p.c., New Brunswick 28 p.c., British Columbia 24 p.c., Manitoba 22 p.c. and Alberta 12 p.c. There were no plants in either Prince Edward Island or Saskatchewan with an employment of 500 or more persons.

2.—Concentration of Manufacturing Production in Each Province, 1948

Province	Number of Establishments Employing 500 or More Persons	Percentage of Total Number of Establishments in Province	Provincial Percentage of Number of Employees Accounted for by these Establishments
Prince Edward Island.....	—	—	—
Nova Scotia.....	10	0.7	33.7
New Brunswick.....	8	0.8	28.0
Quebec.....	109	1.0	35.9
Ontario.....	187	1.5	38.5
Manitoba.....	8	0.6	22.1
Saskatchewan.....	—	—	—
Alberta.....	4	0.3	12.5
British Columbia.....	21	0.6	24.1
Yukon and Northwest Territories.....	—	—	—
Canada.....	347	1.0	34.6

3.—Principal Statistics of the Manufacturing Industries of Canada and Each Province, Classified by Number of Employees per Establishment, 1948

Province and Group	Estab-lish-ments	Em-ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Canada—						
Under 5 employees....	14,808	33,456	37,073,591	4,758,033	188,819,343	269,334,323
5 to 14 ".....	8,934	74,159	119,390,173	9,396,235	365,881,624	598,000,996
15 " 49 ".....	5,763	155,263	278,144,968	19,492,842	775,982,156	1,349,195,201
50 " 99 ".....	1,823	127,412	241,590,685	17,471,788	666,390,724	1,167,845,325
100 " 199 ".....	1,089	152,722	301,684,067	27,938,992	840,993,584	1,529,196,582
200 " 499 ".....	683	208,537	442,557,032	60,658,116	1,285,597,943	2,308,462,573
500 and over.....	347	400,206	971,996,972	163,823,188	2,509,216,254	4,654,755,012
Head offices.....	—	4,251	17,372,303	—	—	—
Totals.....	33,447	1,156,006	2,409,809,791	303,539,194	6,632,881,628	11,876,790,012
Prince Edward Island—						
Under 5 employees....	161	333	202,095	32,681	1,773,082	2,340,141
5 to 14 ".....	63	528	551,442	66,066	2,913,922	3,959,326
15 " 49 ".....	27	898	1,320,448	122,872	7,947,781	10,774,617
50 " 99 ".....	2					
100 " 199 ".....	1					
Totals.....	254	1,759	2,073,985	221,619	12,634,785	17,074,084
Nova Scotia—						
Under 5 employees....	712	1,585	1,265,965	152,741	5,554,771	8,823,930
5 to 14 ".....	421	3,533	4,294,286	373,767	12,528,600	21,309,297
15 " 49 ".....	213	5,589	7,602,077	856,093	23,804,731	39,184,354
50 " 99 ".....	56	4,054	6,530,526	829,164	15,133,244	28,250,121
100 " 199 ".....	19	2,708	4,798,631	682,193	7,596,308	15,719,336
200 " 499 ".....	9	2,633	5,258,899	1,255,566	14,553,982	31,015,634
500 and over.....	10	10,236	22,766,517	5,426,083	61,589,957	101,809,011
Head offices.....	—	10	36,299	—	—	—
Totals.....	1,440	30,348	52,553,200	9,575,607	140,761,593	246,111,683

3.—Principal Statistics of the Manufacturing Industries of Canada and Each Province, Classified by Number of Employees per Establishment, 1948—continued

Province and Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
New Brunswick—						
Under 5 employees....	550	1,228	1,001,229	130,916	3,745,834	5,930,166
5 to 14 ".....	285	2,388	3,022,555	345,899	9,198,866	15,484,444
15 " 49 ".....	156	4,080	5,692,844	557,670	21,195,669	32,173,301
50 " 99 ".....	36	2,555	4,212,234	479,734	14,276,281	22,093,746
100 " 199 ".....	18	2,631	4,115,373	321,213	11,803,295	21,394,454
200 " 499 ".....	14	4,382	8,966,955	1,660,957	19,799,370	40,036,539
500 and over.....	8	6,821	16,106,708	5,268,616	54,391,214	97,467,034
Head offices.....	—	240	800,789	—	—	—
Totals.....	1,067	24,325	43,918,687	8,765,005	134,410,529	234,579,684
Quebec—						
Under 5 employees....	5,130	11,504	13,222,038	1,617,243	79,625,051	107,885,498
5 to 14 ".....	2,793	23,179	35,501,510	2,392,240	101,720,130	170,947,152
15 " 49 ".....	1,960	53,725	90,029,576	5,402,916	222,620,377	406,464,936
50 " 99 ".....	576	40,079	68,651,889	4,180,336	181,989,265	321,153,904
100 " 199 ".....	344	49,293	87,925,341	7,057,345	228,161,334	421,955,115
200 " 499 ".....	210	65,800	132,114,637	25,809,166	431,442,039	751,800,727
500 and over.....	109	137,711	318,365,334	64,520,184	708,553,747	1,419,118,701
Head offices.....	—	2,615	10,405,809	—	—	—
Totals.....	11,122	383,966	756,216,134	110,979,430	1,954,111,943	3,599,306,033
Ontario—						
Under 5 employees....	4,627	10,574	12,658,585	1,778,327	72,903,509	101,180,965
5 to 14 ".....	3,307	27,599	47,776,211	3,696,517	139,825,023	232,010,856
15 " 49 ".....	2,298	61,658	116,760,895	8,739,339	333,369,270	579,009,989
50 " 99 ".....	816	56,948	113,002,178	7,836,612	283,415,437	512,952,308
100 " 199 ".....	536	74,084	154,151,136	13,605,143	385,114,996	727,208,005
200 " 499 ".....	356	107,273	230,203,968	23,469,395	539,961,519	1,057,881,520
500 and over.....	187	212,363	530,998,933	79,063,186	1,363,494,591	2,532,947,208
Head offices.....	—	1,169	5,088,306	—	—	—
Totals.....	12,127	551,658	1,210,640,212	138,188,519	3,118,084,345	5,743,140,851
Manitoba—						
Under 5 employees....	583	1,302	1,497,163	192,926	5,927,967	9,035,916
5 to 14 ".....	396	3,322	5,555,866	493,250	27,195,330	37,930,431
15 " 49 ".....	251	6,769	11,407,511	824,114	38,643,026	61,803,927
50 " 99 ".....	91	6,349	11,903,006	985,402	40,437,358	66,320,590
100 " 199 ".....	43	6,012	11,482,159	2,385,422	48,102,625	80,973,611
200 " 499 ".....	28	7,827	16,282,038	1,693,434	48,197,186	87,213,646
500 and over.....	8	8,970	21,153,600	1,373,631	88,102,777	118,923,059
Head offices.....	—	6	22,533	—	—	—
Totals.....	1,400	40,557	79,303,876	7,948,179	296,606,269	462,201,180
Saskatchewan—						
Under 5 employees....	563	1,073	1,043,071	148,940	2,726,068	4,843,060
5 to 14 ".....	239	1,969	3,110,876	430,380	20,356,056	27,264,970
15 " 49 ".....	82	2,270	4,302,698	475,590	21,119,776	29,794,859
50 " 99 ".....	22	1,565	3,188,049	350,126	12,268,137	21,328,903
100 " 199 ".....	13	1,631	3,302,613	508,648	30,916,677	40,897,474
200 " 499 ".....	7	2,442	6,091,604	1,972,858	85,036,561	97,234,337
Totals.....	926	10,950	21,038,911	3,886,542	172,423,275	221,363,603
Alberta—						
Under 5 employees....	861	1,875	1,984,419	272,370	8,561,581	12,997,792
5 to 14 ".....	419	3,205	5,094,181	486,759	23,836,797	34,309,727
15 " 49 ".....	185	4,860	8,799,769	650,812	28,462,072	46,932,122
50 " 99 ".....	59	4,217	8,462,116	748,708	42,593,057	63,433,604
100 " 199 ".....	26	3,732	7,799,348	1,141,847	39,711,382	60,737,164
200 " 499 ".....	14	4,591	10,207,539	1,517,816	54,596,461	79,968,775
500 and over.....	4	3,212	7,390,389	381,922	55,993,617	67,710,898
Totals.....	1,568	25,692	49,737,761	5,200,234	253,754,967	366,090,082

3.—Principal Statistics of the Manufacturing Industries of Canada and Each Province, Classified by Number of Employees per Establishment, 1948—concluded

Province and Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
British Columbia—						
Under 5 employees....	1,609	3,955	4,155,581	421,506	7,940,065	16,151,866
5 to 14 ".....	1,008	8,426	14,443,571	1,107,103	28,271,974	54,690,615
15 " 49 ".....	590	15,663	32,728,829	1,912,480	81,882,256	147,207,692
50 " 99 ".....	164	11,445	25,177,360	1,933,328	75,457,488	130,855,560
100 " 199 ".....	89	12,492	27,810,014	2,199,486	86,622,044	156,546,473
200 " 499 ".....	45	13,529	33,431,392	3,278,924	92,010,825	163,361,395
500 and over.....	21	20,893	55,215,491	7,789,566	177,090,351	316,779,101
Head offices.....	—	211	1,018,567	—	—	—
Totals.....	3,526	86,614	193,980,805	18,642,393	549,275,003	985,592,702
Yukon and Northwest Territories—						
Under 5 employees....	12	27	43,445	10,383	61,415	144,989
5 to 14 ".....	3	110	302,775	121,283	757,504	1,185,121
15 " 49 ".....	1					
50 " 99 ".....	1					
Totals.....	17	137	346,220	131,666	818,919	1,330,110

Section 1.—The Manufactures of the Maritime Provinces, 1948

In Prince Edward Island the predominant fishing and agricultural resources make butter and cheese and fish-curing and packing the leading manufactures of the Province. Nova Scotia is renowned for its coal mines and its fisheries as well as extensive forests and agricultural lands and is favoured with easy access by sea to the high-grade iron-ore supply of Newfoundland. On these resources are based the leading manufactures of fish-curing and packing, primary iron and steel, railway rolling-stock, sawmills, pulp and paper, shipbuilding and repairs and butter and cheese. In addition important petroleum refineries and coke and gas plants add to the diversification of manufacturing in the Province. The forests of New Brunswick give a leading place to its pulp and paper and sawmilling industries, while fish and agricultural products add to the varied output. Sugar refining and the production of railway rolling-stock also form important branches of manufacturing production.

4.—Statistics of the Leading Industries of the Maritime Provinces, 1948

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
PRINCE EDWARD ISLAND						
	No.	No.	\$	\$	\$	\$
1 Butter and cheese.....	24	161	221,354	3,220,162	479,883	3,739,818
2 Fish curing and packing.....	65	541	417,138	2,350,002	670,521	3,068,397
3 Feeds, stock and poultry.....	5	29	39,438	544,250	70,881	619,436
4 Sawmills.....	92	181	87,484	268,454	271,015	551,491
5 Printing and publishing.....	4	137	224,917	115,737	295,283	421,974
6 Bread and other bakery products.	14	83	92,222	212,386	140,075	365,205
7 Planing mills, sash and door factories.....	3	59	90,212	179,546	127,537	311,076
8 Flour and feed mills.....	7	12	9,735	218,375	31,665	252,109
9 Other leading industries ¹	6	279	536,449	4,972,826	1,544,135	6,567,820
Totals, Leading Industries.	220	1,482	1,718,949	12,081,738	3,630,995	15,897,329
Totals, All Industries.....	254	1,759	2,073,985	12,634,785	4,217,680	17,074,084

4.—Statistics of the Leading Industries of the Maritime Provinces, 1948—concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
NOVA SCOTIA						
	No.	No.	\$	\$	\$	\$
1 Fish curing and packing.....	203	3,907	4,771,785	23,505,593	11,179,782	35,163,801
2 Primary iron and steel.....	5	4,646	10,992,193	15,079,626	9,417,596	27,036,837
3 Railway rolling-stock.....	3	1,073	2,270,029	14,906,275	5,585,501	20,762,182
4 Sawmills.....	610	3,540	3,702,812	9,653,773	6,907,556	16,743,884
5 Pulp and paper.....	4	1,090	2,821,162	4,544,506	7,760,876	13,634,005
6 Shipbuilding and repairs.....	21	2,393	5,364,667	3,882,873	7,044,462	11,173,290
7 Butter and cheese.....	25	640	932,877	6,157,689	2,195,408	8,507,317
8 Confectionery, cocoa, chocolate, etc.....	8	913	1,111,970	3,474,887	3,382,165	6,926,589
9 Hosiery and knitted goods.....	4	1,073	1,414,778	2,799,456	2,629,389	5,509,696
10 Planing mills, sash and door factories.....	70	1,004	1,384,471	3,201,815	2,044,851	5,335,491
11 Bread and other bakery products	85	770	1,164,038	2,815,985	2,156,981	5,179,619
12 Printing and publishing.....	33	924	1,732,268	971,101	3,100,720	4,143,774
13 Iron and steel products, n.e.s.....	3	443	1,090,280	2,096,582	1,795,140	4,123,157
14 Fruit and vegetable preparations.	22	665	852,441	1,660,400	1,312,030	3,146,300
15 Fertilizers.....	3	99	147,017	2,065,072	507,713	2,588,014
16 Aerated and mineral waters.....	28	286	428,644	873,834	1,585,407	2,530,100
17 Other leading industries ¹	5	1,840	4,498,907	27,746,410	13,351,721	43,370,683
Totals, Leading Industries.	1,132	25,306	44,680,339	125,435,877	81,956,938	215,874,739
Totals, All Industries.....	1,440	30,348	52,553,200	140,761,593	95,774,483	246,111,683
NEW BRUNSWICK						
	No.	No.	\$	\$	\$	\$
1 Pulp and paper.....	6	3,694	10,669,701	25,855,019	30,618,432	61,582,714
2 Sawmills.....	434	3,246	3,996,706	10,042,761	7,327,802	17,510,574
3 Fish curing and packing.....	162	2,984	2,960,283	10,114,229	5,425,842	16,046,642
4 Butter and cheese.....	34	474	710,403	6,491,793	1,633,544	8,268,431
5 Foods, miscellaneous.....	7	254	415,389	7,564,524	644,002	8,222,747
6 Planing mills, sash and door factories.....	66	1,135	1,882,139	4,474,139	2,779,669	7,321,070
7 Slaughtering and meat packing...	3	340	741,878	6,530,597	331,470	6,929,171
8 Bread and other bakery products.	74	752	1,135,617	2,596,457	2,039,311	4,824,042
9 Fertilizers.....	3	157	340,641	3,444,950	1,021,942	4,514,023
10 Foods, stock and poultry.....	7	133	271,720	3,921,574	445,498	4,394,665
11 Heating and cooking apparatus...	3	758	1,433,739	1,340,522	2,937,466	4,376,508
12 Biscuits and crackers.....	3	381	584,455	1,602,407	1,443,590	3,090,782
13 Printing and publishing.....	18	567	929,358	567,291	1,841,910	2,450,680
14 Confectionery, cocoa, etc.....	4	323	450,548	1,230,230	948,996	2,215,385
15 All other leading industries ¹	10	4,917	10,744,563	35,283,859	20,113,985	56,798,090
Totals, Leading Industries.	834	20,115	37,267,140	121,060,352	79,553,459	208,545,474
Totals, All Industries.....	1,067	24,325	43,918,687	134,410,529	91,404,150	234,579,684

¹ Individual statistics cannot be given because there are fewer than three establishments in each industry. Such industries are: in Prince Edward Island—castings and forgings, fertilizers, cotton and jute bags and slaughtering and meatpacking; in Nova Scotia—cotton yarn and cloth, wire, coke and gas, and petroleum products; in New Brunswick—sugar refineries, railway rolling-stock, cotton yarn and cloth synthetic textiles and silk, breweries, ship-building, and brooms, brushes and mops.

Section 2.—The Manufactures of Quebec, 1948

Quebec contributes about 30 p.c. of the total value of manufactured products of Canada. Quebec's forests, water powers, minerals, and agricultural lands, and also its geographic position astride the St. Lawrence estuary permitting sea-going vessels to reach its main centres of population are among the assets that have tended to develop manufacturing industries. In addition, Quebec has a stable and industrious population, which is an important factor in industries such as textiles, clothing, leather boots and shoes, etc., where a large labour force is required.

The production of pulp and paper occupies the premier position, accounting for about 11 p.c. of the gross value of Quebec manufactures and about 48 p.c. of the Canadian total for this industry. Other industries in which Quebec predominates are: tobacco, cigars and cigarettes with 92 p.c. of the Canadian total; synthetic textiles and silk 72 p.c., cotton yarn and cloth 69 p.c.; women's factory clothing 66 p.c.; leather boots and shoes 61 p.c.; men's factory clothing 58 p.c.; fur goods 50 p.c.; railway rolling-stock 48 p.c.; and hosiery and knitted goods 41 p.c. Quebec is an outstanding manufacturing province by reason of her large individual industries and not so much on account of a great diversification of manufacturing activity.

5.—Statistics of the Leading Industries of the Province of Quebec, 1948

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1 Pulp and paper.....	50	23,894	69,147,780	168,793,034	191,547,782	393,347,430
2 Non ferrous metal smelting and re- fining.....	8	7,577	19,157,744	117,708,677	53,287,845	191,065,290
3 Clothing, women's, factory.....	719	21,813	37,303,832	75,875,545	71,253,905	147,438,466
4 Cotton yarn and cloth.....	17	16,126	30,803,902	87,638,534	50,572,968	140,858,949
5 Slaughtering and meat packing.....	33	3,705	8,387,234	121,591,432	17,599,451	139,961,257
6 Clothing, men's, factory.....	348	17,100	27,771,485	65,347,337	56,495,324	122,151,301
7 Petroleum products.....	6	1,867	4,995,177	96,532,680	19,229,723	121,180,834
8 Railway rolling-stock.....	11	14,557	36,892,515	62,363,896	48,662,391	113,360,460
9 Butter and cheese.....	855	5,705	9,528,783	91,380,476	17,633,303	110,802,717
10 Tobacco, cigars and cigarettes.....	42	8,062	15,510,216	49,502,841	48,899,532	98,691,774
11 Electrical apparatus and supplies.....	62	15,656	35,273,364	41,365,012	54,433,205	96,710,269
12 Synthetic textiles and silk.....	35	11,721	21,693,764	30,367,142	43,394,061	75,698,647
13 Sawmills.....	1,961	10,374	13,223,486	43,516,856	25,915,154	69,957,892
14 Machinery.....	62	9,825	22,025,336	22,616,769	42,355,256	65,915,383
15 Boots and shoes, leather.....	188	13,520	19,608,752	34,152,032	29,597,693	64,060,690
16 Hosiery and knitted goods.....	114	10,988	16,886,465	27,414,789	32,575,072	60,632,587
17 Bread and other bakery products.....	1,052	8,861	14,090,667	26,157,992	22,633,881	50,525,312
18 Shipbuilding and repairs.....	13	8,131	19,715,375	23,603,498	24,601,398	48,936,904
19 Furniture.....	360	8,598	14,862,681	20,836,819	23,411,096	44,733,632
20 Brass and copper products.....	41	3,420	7,281,486	30,546,433	11,787,752	43,005,412
21 Sheet metal products.....	60	4,562	9,647,919	21,318,041	20,093,650	41,879,719
22 Foods, miscellaneous.....	77	1,657	3,010,813	28,855,171	11,082,139	40,251,608
23 Feeds, stock and poultry.....	83	1,014	1,861,156	31,642,210	4,370,589	36,230,785
24 Rubber goods, including rubber footwear.....	20	6,008	11,103,358	14,727,434	20,306,830	35,627,719
25 Breweries.....	8	2,644	6,749,406	11,451,951	23,324,954	35,511,807
26 Printing and publishing.....	76	5,778	12,894,249	9,840,561	24,387,263	34,493,756
27 Primary iron and steel.....	12	4,212	10,223,119	12,481,894	19,194,735	34,176,303
28 Medicinal and pharmaceutical pre- parations.....	99	3,504	7,421,320	12,278,543	21,147,288	33,877,715
29 Planing mills, sash and door factories.....	633	5,483	8,403,770	19,440,019	13,391,847	33,320,682
30 Fur goods.....	283	3,228	6,161,190	22,380,676	10,472,766	32,949,451
31 Aircraft.....	6	4,862	11,914,889	13,711,770	16,902,614	31,106,936
32 Flour and feed mills.....	154	1,010	2,181,371	27,520,753	3,172,102	30,969,156
33 Castings, iron.....	61	4,719	10,656,476	13,151,499	16,995,270	30,777,888
34 Boxes and bags, paper.....	50	3,922	6,432,786	18,528,142	11,920,032	30,653,288
35 Acids, alkalies and salts.....	9	2,742	7,004,637	9,935,367	17,037,527	29,933,879
36 Paints and varnishes.....	34	2,407	5,042,892	16,040,087	13,417,906	29,685,517
37 Printing and bookbinding.....	487	6,243	12,063,578	9,560,847	19,097,285	28,963,587
38 Confectionery, cocoa, chocolate, etc.....	49	2,360	3,478,859	14,794,431	12,540,118	27,601,697
39 Miscellaneous chemical products.....	60	2,593	4,994,074	14,420,728	11,556,545	26,459,180
40 Fruit and vegetable preparations.....	131	2,755	3,645,037	16,432,186	9,202,804	26,012,589
Totals, Leading Industries.....	8,369	293,203	589,050,943	1,575,804,104	1,185,501,056	2,849,568,468
Totals, All Industries.....	11,122	383,966	756,216,134	1,954,111,943	1,534,214,660	3,599,306,033
Percentage of Leading Industries to All Industries.....	75.2	76.4	77.9	80.6	77.3	79.2

Section 3.—The Manufactures of Ontario, 1948

The gross value of the manufactured products of Ontario in 1948 represented about 48 p.c. of the total for all Canada. This premier position in manufacturing has been fairly uniformly maintained by Ontario, as the following percentages show: 1926, 52 p.c.; 1918, 53 p.c.; 1910, 50 p.c.; 1900, 50 p.c.; 1890, 51 p.c.; and 1880, 51 p.c. In spite of the rapid industrial development in recent years in other provinces, such as Quebec, British Columbia and Manitoba, Ontario has maintained a manufacturing production roughly equal to that of the remainder of the Dominion.

The geographic position of Ontario on the Great Lakes waterway system, by means of which the iron ore of Minnesota and the coal of Pennsylvania are readily accessible; the wide range of natural resources of forests, minerals, water powers, and agriculture; a large population and excellent water and rail transportation facilities to other parts of the country, have all encouraged industrial development. Other factors have been proximity to one of the most densely populated sections of the United States and the establishment within the Province of branch factories of such United States industries as automobile manufacturing.

Ontario also has the greatest diversification of manufacturing production of any province. Certain industries, such as the manufacture of automobiles, agricultural implements, starch, bicycles and carpets, are carried on practically in this province alone. Other important industries in which Ontario leads, with the percentage which the production of each bears to that of the 1948 Canada totals are: miscellaneous non-ferrous metal products 96, soaps 90, abrasives 89, leather tanneries 87, cordage, rope and twine 84, rubber goods 82, woollen yarn 81, primary iron and steel 76, electrical apparatus and supplies 75, clay products from imported clay 74, aluminum products 70, salt 67, toilet preparations 67, coke and gas products 64, flour and feed mills 55, acids, alkalies and salts 55, hosiery and knitted goods 52, glass and glass products 52, and furniture 52.

6.—Statistics of the Leading Industries of the Province of Ontario, 1948

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1 Automobiles.....	8	24,097	67,180,027	245,696,206	141,593,054	389,934,917
2 Electrical apparatus and supplies..	212	37,160	84,870,467	134,979,346	182,276,345	320,304,834
3 Pulp and paper.....	46	17,674	51,776,145	117,962,489	135,100,157	271,834,686
4 Slaughtering and meat packing...	58	7,842	19,183,903	218,651,474	30,407,635	250,447,890
5 Non-ferrous metal smelting and refining.....	7	7,742	21,203,001	146,218,658	76,707,349	235,936,483
6 Primary iron and steel.....	26	19,395	53,691,148	103,334,500	92,622,211	214,419,339
7 Flour and feed mills.....	610	3,736	7,049,752	150,725,453	20,284,424	172,124,777
8 Rubber goods, including rubber footwear.....	31	15,664	37,104,383	69,470,414	86,611,208	158,368,417
9 Machinery.....	207	17,307	40,901,204	55,737,921	89,314,893	146,330,648
10 Petroleum products.....	14	3,923	10,097,032	106,522,193	27,238,057	141,250,825
11 Agricultural implements.....	38	18,098	43,417,577	78,743,899	60,235,604	140,871,697
12 Automobile parts.....	92	15,632	37,456,791	67,909,084	65,134,461	135,299,940
13 Butter and cheese.....	714	8,429	15,014,798	101,427,949	28,968,518	132,706,352
14 Fruit and vegetable preparations..	234	9,977	16,222,026	61,297,051	42,893,072	105,684,152
15 Sheet metal products.....	138	10,692	22,971,437	47,458,654	40,955,596	89,635,427

6.—Statistics of the Leading Industries of the Province of Ontario, 1948—concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
16 Bread and other bakery products.	1,020	14,395	25,087,258	40,858,189	40,223,922	83,786,252
17 Castings, iron.	106	12,278	30,636,082	31,816,805	45,414,166	79,591,621
18 Hosiery and knitted goods.	139	14,720	23,319,917	36,521,689	40,384,303	77,771,632
19 Furniture.	432	13,200	25,387,839	31,538,637	41,014,974	73,386,350
20 Brass and copper products.	97	6,377	15,118,644	46,222,268	25,779,490	73,009,217
21 Printing and publishing.	300	10,983	25,473,890	21,078,736	49,552,639	71,223,953
22 Clothing, men's factory.	150	10,273	18,224,196	33,738,369	30,681,490	64,613,475
23 Printing and bookbinding.	654	11,082	22,440,304	23,233,363	35,987,671	62,704,713
24 Coke and gas products.	15	3,064	7,348,733	37,441,398	21,084,053	62,333,883
25 Soaps, washing compounds, etc.	68	2,668	6,891,169	35,727,567	24,529,502	61,048,668
26 Hardware, tools and cutlery.	202	10,112	22,547,912	19,650,105	40,022,241	60,854,400
27 Confectionery, cocoa, etc.	78	5,662	9,011,878	34,019,836	26,008,291	60,516,814
28 Sawmills.	1,292	8,743	13,263,729	31,269,480	27,020,816	58,827,577
29 Boxes and bags, paper.	94	6,893	13,202,515	34,371,793	23,321,187	58,139,367
30 Clothing, women's factory.	364	8,884	17,423,263	28,705,849	28,576,419	57,433,325
31 Miscellaneous paper products.	107	5,275	10,800,668	32,227,811	24,378,736	57,138,032
32 Feeds, stock and poultry.	120	1,851	3,798,842	45,558,542	9,099,383	55,164,662
33 Railway rolling-stock.	15	6,336	16,539,884	26,067,667	27,966,668	54,989,382
34 Cotton yarn and cloth.	27	7,336	12,778,285	28,163,501	23,777,635	52,715,533
35 Leather tanneries.	29	4,055	8,989,030	34,440,898	16,758,413	52,147,648
36 Breweries.	22	3,014	7,988,164	13,734,003	36,550,076	51,021,921
37 Foods, miscellaneous.	125	3,082	5,795,841	34,600,247	15,309,567	50,206,406
38 Miscellaneous chemical products.	108	3,570	8,296,468	26,354,923	19,405,008	48,689,025
39 Distilleries.	9	1,907	4,246,990	17,592,239	28,026,325	46,441,965
40 Tobacco processing and packing.	10	1,000	1,797,286	39,474,076	3,752,767	43,341,372
Totals, Leading Industries....	8,018	394,028	884,548,478	2,490,543,282	1,827,968,326	4,422,247,577
Totals, All Industries.....	12,127	551,658	1,210,640,212	3,118,084,345	2,486,867,987	5,743,140,851
Percentage of Leading Industries to All Industries.....	66.1	71.4	73.1	79.9	73.5	77.0

Section 4.—The Manufactures of the Prairie Provinces, 1948

The leading industries of the Prairie Provinces are those based on agricultural resources—grain-growing, cattle-raising and dairying areas. Next in importance, generally, are industries providing for the more necessary needs of the resident population, such as the baking of bread, printing and publishing, etc. The extensive railway services require large shops for the maintenance of rolling-stock, especially in the Winnipeg area. The widespread use of motor-vehicles and power machinery on farms has given rise to petroleum refineries in each province. The greatly increased production of crude petroleum in Alberta seems likely to lead to further development of the refining industry. Manitoba, as the early commercial centre of the prairies, has had a greater industrial development than either of the other provinces. Its natural resources of accessible water powers, forests and, more recently, minerals, have given rise to quite a diversification of industrial production.

Considering the Prairie Provinces as an economic unit, slaughtering and meat packing had the largest gross value of production in 1948, amounting to \$244,915,914, followed by flour and feed mills with \$105,829,761, butter and cheese \$93,766,673, and petroleum products \$76,969,578. These four industries accounted for about 50 p.c. of the total production of the Prairie Provinces. Other leading industries, in the order of gross value of production were: railway rolling-stock, bread and other bakery products, breweries, sawmills, planing mills, printing and publishing, stock and poultry feeds, men's factory clothing, miscellaneous foods, women's factory clothing, malt and malt products, furniture, etc.

7.—Statistics of the Leading Industries of the Prairie Provinces, 1948

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials Used	Net Value of Products	Gross Value of Products
MANITOBA						
	No.	No.	\$	\$	\$	\$
1 Slaughtering and meat packing...	12	3,448	8,389,913	89,274,768	16,278,941	106,007,377
2 Railway rolling stock.....	4	5,754	13,137,222	15,364,821	14,467,905	30,394,097
3 Butter and cheese.....	88	1,686	3,163,002	22,936,284	5,684,812	29,031,980
4 Flour and feed mills.....	36	649	1,173,173	23,835,202	3,467,607	27,493,772
5 Clothing, women's factory.....	43	1,958	3,408,800	7,588,330	6,392,118	14,017,690
6 Clothing, men's factory.....	35	2,174	2,870,625	7,265,985	5,375,151	12,684,101
7 Bread and other bakery products.....	135	1,730	2,935,864	4,992,095	4,857,679	10,164,397
8 Foods, miscellaneous.....	19	403	577,002	7,945,705	1,464,004	9,451,683
9 Printing and publishing.....	81	1,551	3,123,373	2,389,222	6,726,351	9,219,098
10 Feeds, stock and poultry.....	22	271	556,069	7,678,004	1,098,547	8,840,696
11 Malt and malt products.....	3	228	613,551	6,321,884	2,172,515	8,787,013
12 Furniture.....	77	1,180	2,155,413	4,335,354	4,175,306	8,581,501
13 Petroleum products.....	3	180	299,255	6,561,593	470,014	7,191,271
14 Bags, cotton and jute.....	5	218	426,042	5,394,544	1,645,463	7,056,715
15 Breweries.....	6	606	1,418,637	1,655,168	5,239,612	7,050,551
16 Printing and bookbinding.....	75	1,434	2,630,951	2,476,775	4,244,376	6,786,800
17 Fur goods.....	71	772	1,431,241	4,515,957	2,075,854	6,607,128
18 Boxes and bags, paper.....	8	488	981,885	3,450,306	2,077,737	5,569,295
19 Electrical apparatus and supplies.....	14	576	941,776	2,551,022	2,853,812	5,460,060
20 Sheet metal products.....	17	732	1,435,165	2,904,282	2,376,811	5,362,396
21 Primary iron and steel.....	4	833	1,811,200	1,589,175	3,180,626	5,311,124
22 All other leading industries ¹	5	1,111	3,003,190	19,039,379	11,734,258	32,027,103
Totals, Leading Industries.....	753	27,982	56,483,349	250,065,855	108,059,499	363,095,848
Totals, All Industries.....	1,400	40,557	79,303,876	296,606,269	157,646,732	462,201,180
SASKATCHEWAN						
	No.	No.	\$	\$	\$	\$
1 Flour and feed mills.....	32	728	1,607,671	33,713,978	6,234,834	40,318,213
2 Slaughtering and meat packing...	9	1,613	3,815,545	31,580,168	8,054,653	39,927,061
3 Petroleum products.....	7	577	1,431,049	31,604,125	1,498,698	34,387,934
4 Butter and cheese.....	69	1,529	2,511,947	26,213,932	5,517,290	32,070,932
5 Breweries.....	5	397	916,304	1,667,474	5,649,519	7,441,110
6 Bread and other bakery products.....	87	957	1,523,392	3,332,838	2,749,919	6,263,802
7 Printing and publishing.....	110	1,044	2,069,859	1,133,503	3,401,347	4,614,441
8 Sawmills.....	355	983	970,118	1,508,582	2,227,417	3,825,161
9 Feeds, stock and poultry.....	13	108	199,851	2,286,241	366,124	2,681,914
10 Planing mills, sash and door factories.....	23	377	651,784	1,229,769	1,275,929	2,546,846
11 Foods, miscellaneous.....	8	141	194,624	1,646,524	435,897	2,101,207
12 Aerated and mineral waters.....	20	203	374,082	891,727	1,127,210	2,086,786
13 All other leading industries ¹	5	449	1,228,339	30,684,279	766,969	31,858,264
Totals, Leading Industries.....	743	9,106	17,494,565	167,493,140	39,305,806	210,123,671
Totals, All Industries.....	926	10,950	21,038,911	172,423,275	45,053,786	221,363,603
ALBERTA						
	No.	No.	\$	\$	\$	\$
1 Slaughtering and meat packing...	12	3,467	7,700,812	84,938,982	13,626,815	98,981,476
2 Flour and feed mills.....	62	918	1,918,560	31,912,783	5,851,531	38,017,776
3 Petroleum products.....	7	778	2,043,901	30,990,504	3,629,582	35,390,373
4 Butter and cheese.....	109	1,700	2,799,377	26,643,382	5,695,712	32,663,761
5 Planing mills, sash and door factories.....	70	1,481	2,576,810	8,562,290	5,942,592	14,629,262
6 Sawmills.....	601	3,030	3,535,024	6,140,276	7,483,955	13,964,169
7 Breweries.....	5	616	1,559,397	2,882,967	7,811,161	10,807,960
8 Bread and other bakery products.....	127	1,388	2,428,605	5,060,393	4,640,439	9,884,477
9 Railway rolling stock.....	1	1,835	4,610,790	4,157,288	4,569,926	8,944,486
10 Feeds, stock and poultry.....	33	260	499,188	5,623,888	1,163,634	6,842,345
11 Printing and publishing.....	80	1,027	2,250,660	1,406,895	4,502,439	5,968,179

For footnotes, see end of table, p. 0000.

7.—Statistics of the Leading Industries of the Prairie Provinces, 1948—concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials Used	Net Value of Products	Gross Value of Products
ALBERTA—concluded						
	No.	No.	\$	\$	\$	\$
12 Clothing, men's factory.....	7	604	926,915	2,360,162	2,245,726	4,616,392
13 Fruit and vegetable preparations..	9	381	488,808	1,694,514	1,894,380	3,622,295
14 Foods, miscellaneous.....	15	171	264,941	2,675,865	675,437	3,385,483
15 Furniture.....	50	469	852,733	1,424,586	1,443,566	2,895,482
16 Aerated and mineral waters.....	18	264	499,012	1,086,085	1,686,198	2,834,677
17 Printing and bookbinding.....	65	601	1,235,404	768,792	2,004,728	2,799,790
18 Castings, iron.....	9	513	1,081,037	735,745	1,777,019	2,550,851
19 Sheet metal products.....	9	227	435,855	1,017,033	1,191,569	2,219,026
20 Clay products from domestic clay..	12	596	1,071,157	36,461	1,935,281	2,055,738
21 Biscuits and crackers.....	4	188	308,864	946,413	931,244	1,886,442
22 Machine shops.....	35	468	990,425	486,364	1,303,213	1,830,542
23 Boxes, wooden.....	6	236	475,616	716,084	703,001	1,434,116
24 Cement products.....	18	155	346,510	531,014	779,339	1,355,357
25 Machinery.....	6	184	457,842	487,435	779,117	1,284,554
26 All other leading industries ¹	16	2,127	4,654,120	24,416,240	16,098,097	42,082,520
Totals, Leading Industries.....	1,388	23,634	46,012,363	247,702,441	100,365,701	352,946,929
Totals, All Industries.....	1,568	25,692	49,737,761	253,754,967	107,134,881	366,090,082

¹ Other leading industries, individual statistics for which cannot be given because there are fewer than three establishments in each industry are: Manitoba, non-ferrous metal smelting and refining, pulp and paper, and bridge and structural steel; Saskatchewan, non-ferrous metal smelting and refining, cotton and jute bags, wood preservation, and vegetable oil mills; Alberta, cement, wood preservation, malt and malt products, sugar refineries, processed cheese, fertilizers, bridge and structural steel, vegetable oil mills, condensed milk, paper boxes and bags, and glass products.

Section 5.—The Manufactures of British Columbia, 1948

British Columbia with a gross value of production of \$985,592,702 in 1948 was again the third most important manufacturing province in Canada. About 23 p.c. of that amount was contributed by the sawmilling industry followed by pulp and paper, fish processing and meat packing. Shipbuilding, which occupied first place during the war years, was in seventh place in 1948. At the height of its productive effort in 1943 it employed 31,238 persons who were paid \$64,939,484 in salaries and wages, while the value of production reached the unprecedented figure of \$155,536,396. In spite of its decline, the shipbuilding industry in 1948 was still the third largest employer of labour and also paid out the third highest amount in salaries and wages. Emphasizing the importance of the forests in the industrial life of the Province, the sawmilling industry ranked first with a gross value of production of \$224,664,156, and the pulp and paper industry second with \$75,474,342. Third in importance was fish curing and packing, based principally on the estuarial salmon fisheries. British Columbia accounted for 49 p.c. of the total production of this industry in Canada. Other important industries are: slaughtering and meat packing, petroleum products, veneer and plywood, shipbuilding and repairs, fertilizers, fruit and vegetable preparations, planing mills, etc. The varied resources of the Pacific Coast have resulted in a wide diversification of its manufactures.

8.—Statistics of the Leading Industries of the Province of British Columbia, 1948

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials Used	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1 Sawmills.....	1,515	26,026	55,524,684	104,903,117	117,873,041	224,664,156
2 Pulp and paper.....	9	5,036	15,747,555	29,076,864	41,587,778	75,474,342
3 Fish curing and packing.....	63	3,800	8,020,152	35,244,160	20,383,670	56,309,747
4 Slaughtering and meat packing...	10	1,322	3,304,777	37,923,009	5,237,827	43,419,968
5 Petroleum products.....	4	558	1,495,800	21,848,179	7,663,491	30,656,627
6 Veneer and plywood.....	11	2,862	6,333,018	10,867,513	17,259,229	28,320,902
7 Shipbuilding and repairs.....	24	4,137	11,274,033	5,049,653	21,758,386	27,173,975
8 Fertilizers.....	6	1,386	3,911,506	8,829,216	16,605,076	26,119,263
9 Fruit and vegetable preparations..	75	2,455	3,740,588	15,442,320	8,535,179	24,244,004
10 Planing mills, sash and door factories.....	122	2,290	4,837,758	14,582,767	8,686,791	23,496,534
11 Butter and cheese.....	33	1,500	3,033,946	14,716,875	5,294,173	20,438,764
12 Foods, miscellaneous.....	37	582	958,265	14,974,293	2,703,500	17,744,239
13 Bread and other bakery products	261	2,596	4,929,258	8,332,395	8,028,153	16,878,361
14 Feeds, stock and poultry.....	31	596	1,160,541	12,705,681	2,093,006	15,014,427
15 Printing and publishing.....	77	2,425	5,865,782	3,700,990	9,816,945	13,652,240
16 Machinery.....	38	1,841	4,409,639	4,507,282	8,120,099	12,780,228
17 Furniture.....	170	2,127	3,979,494	5,579,902	5,834,500	11,537,164
18 Breweries.....	11	746	1,820,305	2,353,791	8,571,261	11,104,822
19 Sheet metal products.....	29	861	2,183,212	6,629,406	4,048,684	10,786,134
20 All other leading industries ¹	2	4,446	11,734,992	102,177,840	18,249,652	122,792,239
Totals, Leading Industries.....	2,528	67,592	154,265,305	459,445,253	338,350,441	812,608,136
Totals, All Industries.....	3,526	86,614	193,980,805	549,275,003	417,675,306	985,592,702
Percentage of Leading Industries to All Industries.....	71.7	78.0	79.5	83.6	81.0	82.4

¹ Includes sugar and non-ferrous metal smelting and refining.

Section 6.—Manufacturing Industries in Urban Centres

The prosperity of most of the cities and towns of Canada, especially in the east, is intimately connected with their manufacturing industries, which provide employment for a large proportion of their gainfully occupied population. In the west the cities are more largely distributing centres, though manufactures are rapidly increasing there also.

Table 9, indicating the extent to which the manufacturing industries of Canada are concentrated in urban centres, shows by provinces the proportion of the gross manufacturing production contributed by cities and towns having a gross production of over \$1,000,000 each. In the more highly industrialized provinces of Ontario and Quebec such cities and towns in 1948 accounted for 93.7 p.c. and 93.5 p.c., respectively, of the totals for those provinces, while in the Maritime Provinces and British Columbia, where sawmilling, fish-packing, and dairying are leading industries, the proportions fell to 71.0 p.c. and 59.4 p.c. respectively. In the Prairie Provinces manufacturing is confined largely to a few urban centres.

9.—Cities and Towns Each with a Gross Manufacturing Production of Over, \$1,000,000. Number of Establishments and Total Production in such Urban Centres as a Percentage of the Grand Total, by Provinces, 1948

NOTE.—Statistics published in this table are in some cases higher than the figures published in Table 12, since, in the table below are included statistics of towns with less than three establishments and production of over \$1,000,000 each. It was not possible to publish this information in Table 12 without disclosing the operations of individual establishments.

Province	Urban Centres with a Gross Production of over \$1,000,000 each	Establishments Reporting in Urban Centres Producing over \$1,000,000 each	Total Production in Urban Centres Producing over \$1,000,000 each	Total Production in each Province	Production in Urban Centres as a Percentage of Total Production in each Province
	No.	No.	\$	\$	p. c.
Prince Edward Island.....	2	57	10,155,379	17,074,084	59.5
Nova Scotia.....	23	460	170,746,041	246,111,683	69.4
New Brunswick.....	15	324	172,452,195	234,579,684	73.5
Quebec.....	129	6,662	3,363,749,514	3,599,306,033	93.5
Ontario.....	167	8,812	5,383,560,577	5,743,140,851	93.7
Manitoba.....	9	921	416,273,119	462,201,180	90.1
Saskatchewan.....	9	333	173,536,157	221,363,603	78.4
Alberta.....	14	657	301,948,543	366,090,082	82.5
British Columbia.....	23	1,999	585,896,166	985,592,702	59.4
Yukon and Northwest Territories....	—	—	—	1,330,110	—
Canada.....	391	20,225	10,578,317,691	11,876,790,012	89.1

10.—Principal Statistics of the Manufacturing Industries of the Six Leading Manufacturing Cities of Canada, 1933-48

NOTE.—The dyeing, cleaning and laundry industry is included for the years prior to 1936.

City and Year	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$
Montreal.....1933	2,226	363,342,078	80,212	74,150,933	148,504,215	300,636,197
1937	2,474	415,816,451	105,931	112,652,112	281,407,645	511,481,054
1939	2,501	423,234,648	105,315	114,602,118	254,188,246	483,246,583
1942	3,007	629,809,985	169,987	240,888,491	541,625,660	976,767,738
1943	2,992	721,223,427	194,643	307,922,631	665,209,935	1,184,114,458
1944	3,109	2	185,708	308,396,358	650,618,563	1,215,988,014
1945	3,404	2	181,679	304,247,761	600,919,272	1,144,175,108
1946	3,785	2	173,507	291,381,617	602,667,823	1,147,945,303
1947	3,950	2	177,744	325,114,158	682,056,090	1,298,019,266
1948	3,887	2	180,098	368,191,470	841,048,938	1,550,246,090
Toronto.....1933	2,604	388,995,096	75,645	80,855,883	146,286,472	308,983,639
1937	2,797	423,350,508	96,247	115,520,050	247,422,098	475,470,149
1939	2,885	447,009,768	98,702	122,553,435	240,532,281	482,532,331
1942	3,211	635,981,329	151,639	228,875,152	451,198,158	886,256,484
1943	3,238	647,907,281	156,459	259,307,913	481,504,056	961,923,997
1944	3,344	2	154,538	260,776,613	513,429,109	1,020,345,353
1945	3,482	2	146,335	244,055,112	496,204,721	961,736,716
1946	3,632	2	145,556	247,298,288	549,256,912	1,036,939,790
1947	3,705	2	151,137	289,363,797	648,648,084	1,231,936,820
1948	3,683	2	154,197	335,142,822	804,970,396	1,475,761,819
Hamilton.....1933	469	171,625,714	21,524	21,523,337	35,672,272	83,530,255
1937	479	182,730,036	32,616	40,255,040	83,978,873	170,651,205
1939	461	206,584,330	31,512	39,563,423	70,829,034	152,746,340
1942	482	273,212,977	50,744	85,111,817	166,078,144	347,752,196
1943	485	315,896,136	54,671	95,576,332	164,271,139	362,743,019
1944	480	2	53,500	94,982,915	171,117,467	363,033,672
1945	482	2	50,520	89,639,262	166,349,884	351,676,308
1946	501	2	45,951	80,959,432	150,977,835	308,033,098
1947	512	2	50,567	101,424,109	205,430,175	411,817,530
1948	526	2	53,370	124,016,143	259,800,537	519,132,345

For footnotes, see end of table, p. 100.

10.—Principal Statistics of the Manufacturing Industries of the Six Leading Manufacturing Cities of Canada, 1933-48—concluded

City and Year	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$
Windsor.....1933	247	66,398,372	10,212	10,719,819	25,752,258	49,359,245
1937	228	77,750,511	18,650	26,919,449	78,667,058	136,896,194
1939	222	80,436,233	17,729	25,938,890	63,907,106	122,474,320
1942	233	206,556,146	37,057	76,276,589	240,384,518	383,323,348
1943	229	206,850,571	38,516	85,965,874	247,504,385	417,745,229
1944	231	"	35,912	80,667,573	232,102,240	387,603,874
1945	241	"	28,826	63,515,050	187,675,110	280,743,622
1946	256	"	30,889	60,315,436	138,788,813	244,925,148
1947	273	"	32,154	74,748,834	204,383,024	367,122,739
1948	271	"	32,729	85,354,165	231,706,677	413,749,890
Winnipeg.....1933	600	73,886,398	15,336	15,155,537	28,355,612	50,287,280
1937	622	72,419,041	17,284	19,687,511	45,498,865	80,108,696
1939	648	73,255,368	17,571	20,717,273	44,873,043	81,024,272
1942	692	113,297,399	27,768	38,191,886	88,897,218	156,332,353
1943	688	100,511,565	24,898	35,807,283	106,485,838	174,523,234
1944	686	"	25,870	38,824,299	119,917,745	198,169,626
1945	716	"	26,206	40,115,513	117,453,819	197,523,922
1946	756	"	26,730	42,354,650	121,531,306	206,381,007
1947	779	"	27,651	47,728,392	130,721,062	228,028,346
1948	765	"	27,906	54,379,965	157,379,778	264,022,796
Vancouver.....1933	746	74,209,271	12,094	11,754,124	28,588,106	55,160,883
1937	824	85,851,189	17,641	20,783,032	53,139,109	95,717,017
1939	829	92,797,032	17,957	22,382,192	56,565,511	101,267,243
1942	897	136,336,017	37,858	60,779,827	116,153,100	223,295,187
1943	898	193,795,910	45,971	81,059,815	130,442,455	288,196,900
1944	933	"	43,473	79,141,407	142,416,371	289,390,718
1945	992	"	37,599	66,144,015	137,118,244	265,034,773
1946	1,071	"	31,408	55,960,984	138,045,068	270,165,166
1947	1,127	"	33,119	65,363,332	174,822,180	313,964,785
1948	1,136	"	33,815	75,300,519	211,726,521	360,749,092

¹ Net value is derived from gross value by deducting cost of materials, fuel, and electricity. For cost of fuel and electricity in 1948 see Table 12.

² Information not collected.

11.—Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, Grouped According to the Number of Employees per Establishment, 1948.

GREATER MONTREAL

Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Under 5 employees.....	990	2,415	3,835,861	187,920	11,137,689	20,567,260
5 to 14 ".....	1,305	11,147	19,263,949	688,229	42,867,007	81,298,715
15 " 49 ".....	1,224	33,910	60,794,672	2,221,920	141,142,215	261,801,316
50 " 99 ".....	354	24,341	44,627,560	1,904,873	124,474,344	213,099,517
100 " 199 ".....	192	27,621	52,128,983	2,580,750	141,374,777	256,922,111
200 " 499 ".....	109	34,425	72,068,583	13,384,251	218,956,289	400,663,222
500 and over.....	55	71,398	167,555,292	12,706,269	385,788,187	687,336,585
Head Offices.....	—	2,455	9,431,933	—	—	—
Totals¹.....	4,229	207,712	429,706,833	33,674,212	1,065,740,508	1,921,688,726

¹ Totals for Greater Montreal do not include the non-ferrous smelting and refining industry.

11.—Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, Grouped According to the Number of Employees per Establishment, 1948—con.

GREATER TORONTO

Group	Estab-lish-ments	Em-ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Under 5 employees.....	990	2,467	3,890,048	305,057	8,001,243	16,397,361
5 to 14 ".....	1,258	10,879	20,903,155	863,676	43,968,794	82,656,117
15 " 49 ".....	1,047	28,061	56,381,902	2,035,423	134,901,281	246,782,773
50 " 99 ".....	331	22,875	48,223,448	2,356,167	110,953,560	210,069,226
100 " 199 ".....	183	25,682	55,452,217	3,491,265	136,173,595	256,520,698
200 " 499 ".....	98	30,091	64,555,497	3,748,913	158,983,093	302,045,449
500 and over.....	58	56,832	138,051,227	7,737,659	342,391,842	612,575,857
Head Offices.....	—	872	4,226,060			
Totals.....	3,965	177,759	391,683,554	20,538,160	935,373,408	1,727,047,481

GREATER HAMILTON

Group	Estab-lish-ments	Em-ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Under 5 employees.....	148	360	519,531	40,681	35,120,804	11,081,887
5 to 14 ".....	157	1,276	2,531,661	151,966	4,035,480	8,461,528
15 " 49 ".....	113	2,940	5,919,210	445,986	16,080,240	28,965,402
50 " 99 ".....	42	2,954	6,123,134	415,119	19,361,145	31,714,994
100 " 199 ".....	33	4,723	10,156,997	656,969	29,339,434	51,072,372
200 " 499 ".....	35	10,956	24,333,736	3,710,278	63,790,178	118,630,994
500 and over.....	18	30,222	74,249,589	14,218,619	94,076,724	272,480,884
Head Offices.....	—	228	645,350	1,818		
Totals.....	546	53,659	124,479,208	19,641,436	261,804,005	522,408,061

GREATER WINDSOR

Group	Estab-lish-ments	Em-ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Under 5 employees.....	77	188	295,672	22,050	476,359	1,214,877
5 to 14 ".....	85	752	1,383,791	94,382	2,802,006	5,686,550
15 " 49 ".....	53	1,524	3,339,093	227,968	6,350,514	13,855,985
50 " 99 ".....	25	1,697	3,961,924	159,392	10,097,842	18,283,162
100 " 199 ".....	21	2,748	6,522,808	645,161	13,119,112	31,692,673
200 " 499 ".....	18	5,532	13,838,802	1,547,562	21,087,775	53,828,030
500 and over.....	8	20,851	57,038,715	2,508,474	180,429,360	294,413,859
Totals.....	287	33,292	86,380,805	5,204,989	234,362,968	418,975,136

GREATER WINNIPEG

Group	Estab-lish-ments	Em-ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Under 5 employees.....	238	600	833,169	69,556	2,023,608	3,647,710
5 to 14 ".....	262	2,277	3,994,268	246,480	14,252,186	21,770,562
15 " 49 ".....	220	5,879	10,087,328	660,995	34,395,823	54,682,173
50 " 99 ".....	84	5,890	11,050,664	633,987	35,022,545	59,040,955
100 " 199 ".....	38	5,320	9,923,510	1,804,121	27,062,312	55,261,259
200 " 499 ".....	25	6,753	13,983,827	872,170	44,980,605	75,877,717
500 and over.....	5	6,076	15,142,189	707,665	79,240,798	101,427,103
Totals.....	872	32,795	65,014,955	4,994,974	236,977,877	371,707,479

GREATER VANCOUVER

Group	Estab-lish-ments	Em-ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Under 5 employees.....	422	1,033	1,511,962	93,867	2,136,891	4,665,236
5 to 14 ".....	423	3,620	6,710,020	344,793	12,217,847	23,866,908
15 " 49 ".....	308	8,287	17,786,619	889,864	46,850,449	80,486,154
50 " 99 ".....	99	6,921	15,650,422	1,188,208	47,738,842	81,422,965
100 " 199 ".....	60	8,733	19,261,635	1,123,865	62,551,629	107,028,011
200 " 499 ".....	27	7,856	18,756,488	1,227,621	58,890,007	97,008,115
500 and over.....	11	8,750	21,632,559	1,595,803	40,570,112	90,577,078
Head Offices.....	—	194	954,567			
Totals.....	1,350	45,394	102,264,272	6,464,021	270,955,777	485,051,467

12.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1948

Province and Municipality	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Prince Edward Island—						
Charlottetown.....	38	614	1,016,872	96,052	4,855,962	7,089,195
Summerside.....	19	264	348,523	33,786	2,356,199	3,066,184
Nova Scotia—						
Annerst.....	22	922	1,614,320	258,429	3,095,245	6,145,313
Berwick.....	7	165	232,027	62,310	577,169	1,080,375
Bridgewater.....	19	217	319,514	22,731	623,939	1,395,074
Dartmouth.....	19	253	412,967	63,053	694,384	1,532,914
Digby.....	10	336	485,403	21,579	992,858	1,718,372
Glace Bay.....	14	225	291,438	26,819	664,014	1,256,816
Halifax.....	122	6,059	11,326,262	729,487	22,686,965	44,855,692
Lockeport.....	4	261	378,327	42,287	1,231,679	2,018,933
Lunenburg.....	17	658	1,115,881	78,566	3,034,292	4,999,848
Middleton.....	10	232	316,595	54,195	952,053	1,607,295
New Glasgow.....	30	822	1,524,715	265,882	1,646,663	4,647,523
North Sydney.....	11	361	536,520	37,044	1,374,751	2,399,992
Oxford.....	9	183	238,100	25,375	661,716	1,037,198
Pictou.....	8	191	283,269	24,305	557,979	1,065,527
Shelburne.....	19	211	298,019	14,205	626,973	1,115,791
Stellarton.....	9	107	167,371	10,686	687,172	1,080,985
Sydney.....	41	5,933	13,874,300	3,576,709	23,692,609	46,602,849
Truro.....	35	1,508	1,980,012	174,134	4,491,277	8,385,583
Windsor.....	10	397	526,656	48,436	2,460,615	3,503,612
Yarmouth.....	26	1,019	1,574,605	169,083	4,536,507	7,677,457
New Brunswick—						
Bathurst.....	13	1,136	2,956,266	1,110,520	7,597,904	15,805,646
Campbellton.....	14	391	613,248	44,197	1,116,742	2,179,523
Fredericton.....	42	830	1,276,783	109,754	3,368,610	5,537,673
Moncton.....	49	3,583	7,222,160	496,181	16,403,492	26,086,356
Newcastle.....	10	192	268,904	27,684	1,236,484	1,758,665
Sackville.....	9	784	1,402,728	100,085	1,368,866	4,413,243
St. Andrews.....	7	99	146,576	131,375	1,541,325	2,250,056
Saint John.....	108	3,932	7,206,797	1,255,991	46,356,102	63,575,194
St. Stephen.....	16	537	772,047	53,644	1,971,302	3,513,099
Sussex.....	13	280	462,264	35,216	1,676,945	2,824,187
Woodstock.....	18	141	196,731	28,865	713,675	1,119,405
Quebec—						
Acton Vale.....	13	843	1,247,652	60,691	1,952,697	3,967,865
Asbestos.....	14	569	1,255,400	220,617	3,073,118	5,816,327
Beauharnois.....	14	1,519	3,588,179	1,071,572	6,759,059	15,789,363
Beauport.....	15	221	339,219	11,834	682,094	1,200,065
Bedford.....	12	834	1,359,304	42,505	445,764	4,027,235
Beebe Plain.....	9	330	438,265	20,291	1,001,896	1,775,222
Berthier.....	16	712	933,133	140,307	2,094,803	4,216,777
Cabano.....	7	277	471,960	7,821	843,178	2,061,057
Calumet.....	4	177	332,829	1,373	548,727	1,006,614
Cap de la Madeleine.....	29	1,595	3,174,817	864,523	7,823,407	16,370,550
Chamby Canton.....	7	432	776,564	78,871	860,183	2,065,225
Chicoutimi.....	25	440	709,668	46,422	1,597,003	2,849,426
Coaticook.....	26	1,069	1,511,703	103,981	3,981,029	6,706,248
Contrecoeur.....	11	260	306,004	10,671	814,858	1,302,815
Cookshire.....	8	171	263,569	21,251	505,735	1,356,884
Danville.....	12	189	305,003	72,994	786,374	1,342,301
Drummondville.....	39	8,297	15,011,841	1,613,293	17,778,714	49,892,973
Farnham.....	18	1,019	1,743,734	142,270	4,161,669	8,120,959
Granby.....	64	5,086	8,632,704	445,944	18,324,622	38,546,949
Grand Mère.....	27	2,397	4,748,186	1,286,633	10,300,823	23,437,565
Grenville.....	4	140	279,473	45,540	1,073,295	1,425,289
Henryville.....	6	95	134,755	43,474	1,003,673	1,358,209
Hull.....	62	3,216	6,550,976	1,568,673	20,891,654	34,452,312
Huntingdon.....	14	598	1,342,564	95,586	4,503,716	7,913,709
Iberville.....	19	356	623,463	36,495	1,487,183	2,706,906
Joliette.....	53	2,058	3,194,156	433,356	5,922,989	12,546,610
Jonquière.....	16	521	1,184,467	252,782	3,801,135	5,474,140
Lachine.....	44	7,930	19,223,138	962,443	22,779,394	55,438,626
Lachute.....	11	274	498,064	111,301	1,467,000	2,169,421
La Pêrade (Ste. Anne de).....	12	274	348,968	73,558	2,897,991	3,574,379
Laprairie.....	19	789	1,491,809	711,401	721,062	4,059,972
La Salle.....	25	2,648	5,663,568	1,045,731	22,745,727	42,878,848
La Sarre.....	14	230	323,001	20,865	606,822	1,110,164
L'Assomption.....	15	360	564,240	37,203	1,087,842	2,322,164
Legonville.....	11	458	862,065	157,998	1,897,464	3,443,431
L'Épiphanie.....	15	334	494,830	27,688	856,385	1,364,293
Lévis.....	31	607	889,447	67,404	2,399,387	4,122,423
Longueuil.....	34	1,659	3,039,294	189,868	6,039,658	11,896,275

12.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1948—continued

Province and Municipality	Establishments	Employees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Quebec—Concluded—						
Loretteville.....	30	662	707,032	22,475	1,557,901	2,637,546
Louiseville.....	22	1,216	1,868,482	231,830	4,087,521	7,606,454
Marieville.....	19	581	815,945	45,911	3,012,967	4,735,929
Matane.....	17	331	636,816	14,197	1,522,541	2,992,488
Megantic (Lac).....	21	573	915,840	66,060	1,015,596	2,467,772
Mont Laurier.....	13	245	284,416	16,272	995,567	1,626,245
Montmagny.....	40	1,821	2,890,634	132,597	5,895,137	11,930,005
Montreal.....	3,887	180,098	368,191,470	20,269,002	841,048,938	1,550,246,090
Montreal East.....	22	4,140	10,225,198	9,349,584	177,358,018	221,975,783
Mount Royal.....	4	966	1,986,942	57,747	1,242,404	4,082,086
Napierville.....	13	168	201,929	23,249	992,694	1,373,718
Nicolet.....	17	424	589,915	47,868	1,242,404	2,695,520
Outremont.....	18	1,192	2,398,539	104,266	12,249,278	19,305,961
Plessisville.....	20	895	1,488,430	65,693	2,064,668	4,100,568
Pointe aux Trembles.....	9	438	769,976	45,485	1,125,656	2,467,121
Portneuf Station.....	13	435	766,663	279,879	2,949,902	5,022,451
Princeville.....	12	392	614,117	47,068	4,107,678	5,399,852
Quebec.....	392	14,484	24,369,352	3,321,479	65,469,645	118,061,404
Richmond.....	13	512	813,668	33,284	1,024,788	2,652,454
Rimouski.....	27	620	1,206,707	48,086	2,713,383	4,730,717
Rivière du Loup.....	23	457	794,563	105,805	690,541	1,909,109
Roberval.....	11	193	258,734	15,779	837,241	1,478,231
Rock Island.....	15	685	1,300,252	60,089	1,145,031	4,464,518
St. Césaire.....	27	359	425,543	43,866	1,499,501	2,338,444
St. Croix.....	11	213	265,519	10,961	663,603	1,085,991
St. Félix.....	16	132	192,518	16,400	1,522,591	1,874,392
St. Georges de Beauce.....	13	452	663,754	52,103	817,426	1,913,453
St. Georges West.....	8	279	301,691	35,174	662,465	1,323,654
St. Hyacinthe.....	80	5,270	8,508,737	528,651	22,916,344	39,570,991
St. Jacques.....	11	147	166,662	9,546	1,096,111	1,311,095
St. Jean.....	59	5,431	10,814,874	758,765	15,042,056	38,398,675
St. Jérôme (Terrebonne).....	54	4,000	6,688,382	463,236	11,392,593	23,946,025
St. Lambert.....	16	650	1,166,611	110,396	2,727,842	4,845,032
St. Laurent.....	24	2,337	5,201,333	517,381	11,308,334	23,410,361
Ste. Marie.....	20	561	724,829	62,964	2,177,426	3,134,661
St. Michel de Laval.....	19	195	308,105	25,206	693,299	1,268,566
St. Pie.....	13	206	271,969	27,065	1,354,674	1,891,867
St. Pierre (Montreal Co.).....	12	2,271	5,459,868	1,132,352	4,825,910	14,429,035
St. Rémi.....	11	337	482,297	43,091	2,496,468	3,680,488
Ste. Thérèse de Blainville.....	29	1,227	2,032,881	95,088	2,859,732	7,282,229
St. Tite.....	22	324	353,463	14,123	786,488	1,306,645
Shawinigan Falls.....	42	5,748	13,737,337	6,936,662	28,476,566	70,083,696
Shawville.....	9	90	135,371	14,356	1,008,085	1,339,852
Sherbrooke.....	98	8,093	14,874,861	1,010,982	28,411,157	60,794,444
Sorel.....	35	1,755	3,106,498	282,000	3,053,264	7,205,307
Sutton.....	10	229	319,708	43,401	1,175,713	1,779,042
Terrebonne.....	16	467	825,350	34,513	1,524,368	2,868,801
Thetford Mines.....	27	482	773,428	90,718	1,060,018	2,574,394
Three Rivers.....	80	7,539	17,148,298	6,052,591	42,418,513	90,164,496
Thurso.....	9	465	776,427	23,643	1,890,978	2,588,914
Trois Pistoles.....	18	228	404,684	15,843	2,005,044	3,072,148
Upton.....	12	64	65,808	10,302	920,634	1,072,992
Valleyfield.....	45	4,116	7,690,091	819,863	14,139,303	29,220,582
Verdun.....	54	825	1,376,912	42,439	3,271,857	5,797,593
Victoriaville.....	48	2,211	3,427,086	140,755	7,399,893	12,977,636
Warwick.....	17	399	620,612	85,174	1,919,283	3,209,985
Waterloo.....	19	776	1,322,131	66,397	1,688,327	4,182,497
Westmount.....	16	1,885	4,190,946	316,381	5,752,500	14,408,460
Windsor Mills.....	10	1,053	2,312,273	689,824	6,392,154	11,313,174
Ontario—						
Acton.....	19	915	1,683,028	223,998	5,783,932	9,672,075
Almonte.....	15	461	779,579	86,357	2,670,930	3,973,669
Amherstburg.....	12	910	2,060,013	1,530,087	3,500,190	12,890,025
Arnprior.....	19	681	1,300,311	106,038	2,357,191	4,989,459
Aurora.....	13	668	1,253,198	77,680	5,760,965	7,841,544
Barrie.....	23	761	1,431,066	117,319	6,878,882	11,183,278
Belleville.....	49	2,999	6,136,485	719,351	7,239,054	18,970,724
Bloomfield.....	8	153	215,582	21,443	1,118,327	1,511,773
Bowmanville.....	16	1,012	2,340,433	187,980	4,527,887	9,852,600
Brampton.....	29	959	1,899,870	86,642	3,882,590	7,341,447
Brantford.....	141	14,210	31,574,319	1,577,176	63,218,047	119,281,509
Brighton.....	17	234	335,308	20,615	887,366	1,684,313
Brookville.....	38	1,772	3,658,012	332,756	20,777,015	30,796,332
Burlington.....	12	462	812,989	77,001	3,590,806	5,491,294

12.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1948—continued

Province and Municipality	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Ontario—continued						
Caledonia.....	9	345	695,294	259,660	2,863,506	4,832,325
Campbellford.....	15	371	669,475	43,991	2,317,658	3,860,297
Carleton Place.....	9	874	1,612,793	109,352	2,323,358	4,958,726
Chatham.....	69	3,232	7,169,566	856,795	37,932,506	53,371,678
Chesley.....	12	398	648,640	27,910	1,566,044	2,659,346
Clinton.....	11	204	262,122	22,789	767,364	1,347,335
Cobourg.....	32	960	1,740,938	179,464	3,214,231	7,363,047
Collingwood.....	19	1,233	2,347,026	104,859	3,629,743	6,851,371
Cornwall.....	46	6,482	13,717,890	2,679,847	20,769,321	51,229,765
Dresden.....	11	200	343,740	52,093	931,207	1,926,531
Dryden.....	15	690	1,688,373	293,259	3,059,976	6,847,936
Dundas.....	32	1,251	2,428,921	176,120	3,258,256	7,791,437
Dunnville.....	22	948	1,625,263	101,969	4,809,498	7,802,490
Durham.....	14	269	502,561	40,742	1,023,431	1,842,896
Dutton.....	5	36	72,227	9,768	929,791	1,062,963
Eastview.....	14	392	739,187	44,161	1,958,626	3,389,544
Elmira.....	20	770	1,585,176	119,165	3,447,146	7,566,991
Elora.....	9	450	833,891	31,813	1,051,224	2,303,986
Essex.....	16	310	579,934	70,527	1,537,746	2,619,619
Exeter.....	8	140	230,878	23,526	791,276	1,369,008
Forest.....	12	228	320,544	39,720	1,168,934	1,852,261
Fort Erie.....	20	888	1,898,231	60,619	4,528,559	8,206,593
Fort William.....	75	3,708	9,943,485	2,127,134	22,677,651	46,953,972
Frankford.....	6	105	200,116	33,524	462,271	1,005,985
Galt.....	79	5,984	11,674,325	642,338	16,684,794	37,831,919
Gananoque.....	18	864	1,619,700	175,560	3,266,626	6,086,079
Georgetown.....	18	1,133	2,473,354	232,430	4,767,784	8,679,309
Goderich.....	18	572	1,088,624	270,948	7,855,658	10,964,724
Gravenhurst.....	12	408	713,228	22,449	981,961	2,423,121
Grimsby.....	18	565	956,864	60,481	1,730,780	4,268,722
Guelph.....	103	6,250	12,693,667	788,542	22,783,524	44,872,944
Hamilton.....	526	53,370	124,016,143	19,583,629	259,800,537	519,132,345
Hanover.....	23	1,155	1,974,972	60,233	3,453,458	6,145,370
Harrison.....	15	234	344,990	40,012	864,017	1,463,662
Harrow.....	7	116	192,354	29,793	988,916	1,229,447
Hespeler.....	17	2,220	3,916,041	252,472	7,780,376	14,390,592
Huntsville.....	17	489	868,218	58,177	4,215,766	6,175,555
Ingersoll.....	22	1,374	2,612,556	190,998	7,695,740	13,231,114
Jarvis.....	5	54	101,882	28,380	976,983	1,274,043
Kincardine.....	12	510	709,282	50,830	1,561,211	2,781,467
Kingston.....	55	5,619	11,795,563	1,110,809	21,809,096	51,154,595
Kingsville.....	13	276	474,823	30,947	6,329,355	7,459,158
Kitchener.....	178	14,917	30,817,082	1,485,041	75,261,570	138,276,406
Leamington.....	16	1,410	2,432,908	277,097	15,528,857	27,464,812
Leaside.....	45	7,009	16,151,152	877,547	37,129,021	70,211,856
Lindsay.....	39	1,081	1,607,876	189,425	3,865,126	6,659,626
Listowel.....	18	548	926,645	72,131	2,388,234	4,316,709
London.....	267	15,118	31,019,810	1,710,111	60,148,696	128,024,232
Long Branch.....	30	1,015	2,358,750	116,096	5,435,844	10,368,270
Lucknow.....	11	157	270,246	26,542	1,384,145	2,069,926
Meaford.....	18	430	670,488	26,356	970,251	2,246,506
Merrittton.....	17	1,973	4,879,601	814,160	10,910,834	20,285,508
Midland.....	23	1,050	1,927,027	76,620	5,171,756	8,295,173
Milton.....	11	560	1,085,188	308,781	1,682,006	4,901,636
Milverton.....	10	197	341,947	19,669	833,494	1,407,479
Mimico.....	26	432	918,388	111,694	1,564,366	3,629,702
Mitchell.....	12	207	290,217	20,640	521,917	1,228,114
Mount Forest.....	15	270	372,156	20,404	1,058,096	1,675,765
Napanee.....	15	401	664,898	96,803	1,246,603	2,693,605
New Hamburg.....	12	294	492,291	29,593	1,565,281	2,605,283
New Liskeard.....	15	667	1,324,878	39,650	2,037,313	3,853,175
Newmarket.....	17	1,006	2,061,092	129,166	4,716,997	9,343,857
New Toronto.....	36	6,805	17,916,294	1,595,094	56,593,016	100,400,369
Niagara Falls.....	71	6,239	15,123,426	4,607,380	27,272,408	69,086,358
North Bay.....	28	544	1,167,551	100,933	2,322,978	4,614,551
Norwich.....	7	112	155,570	23,969	1,518,051	1,979,015
Oakville.....	36	1,213	2,342,372	203,446	3,547,304	7,929,158
Oranville.....	13	211	279,287	28,757	1,205,213	1,816,070
Orrillia.....	49	2,222	3,964,675	274,749	5,119,955	12,615,859
Oshawa.....	54	9,410	24,420,104	1,330,441	77,488,394	142,842,045
Ottawa.....	213	9,930	10,836,449	1,616,473	36,009,809	75,479,687
Owen Sound.....	51	2,661	5,254,168	285,981	6,739,555	15,932,794
Palmerston.....	11	61	94,734	8,612	1,236,742	1,414,401
Paris.....	23	1,447	2,583,050	125,055	5,629,825	10,598,450

12.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1948—continued

Province and Municipality	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Ontario—concluded						
Pembroke.....	35	1,201	1,975,892	91,396	4,043,222	7,700,821
Penetanguishene.....	14	462	741,799	39,686	743,805	1,966,653
Perth.....	21	941	1,593,724	86,145	3,086,257	6,603,984
Peterborough.....	97	10,001	23,070,026	1,129,635	59,897,558	104,808,690
Petrolia.....	15	404	848,132	544,833	5,623,188	6,754,282
Pictou.....	19	215	279,790	24,271	832,493	1,432,915
Port Arthur.....	50	2,636	6,511,561	1,474,229	12,235,822	28,788,097
Port Colborne.....	22	2,603	6,683,243	2,560,036	107,658,559	127,784,213
Port Elgin.....	9	252	347,869	13,920	681,010	1,174,595
Port Hope.....	23	1,159	2,701,561	208,120	3,365,503	9,479,360
Prescott.....	19	656	947,625	29,096	1,104,899	2,816,659
Preston.....	37	2,981	5,623,690	201,528	8,398,913	18,245,865
Renfrew.....	26	1,114	2,024,741	154,658	3,673,137	7,363,970
Ridgetown.....	11	234	410,529	17,447	819,483	1,744,353
St. Catharines.....	105	9,383	21,855,187	1,160,666	31,925,279	70,232,374
St. Marys.....	15	666	1,298,807	830,498	4,363,548	8,459,465
St. Thomas.....	48	2,253	4,140,755	236,651	8,224,259	15,747,999
Sarnia.....	47	6,848	16,893,673	8,326,341	85,460,724	128,500,858
Sault Ste. Marie.....	54	6,836	18,102,454	5,856,466	52,759,695	96,154,865
Seaforth.....	16	338	552,920	29,967	2,486,053	3,545,235
Simcoe.....	29	1,361	2,630,781	176,728	12,387,536	18,272,357
Sioux Lookout.....	8	120	206,592	18,223	894,132	1,223,929
Smiths Falls.....	23	1,330	2,504,056	134,708	3,714,672	6,766,075
Southampton.....	10	363	698,369	29,964	956,535	2,013,690
South River.....	5	177	256,731	73,708	615,635	1,124,507
Stratford.....	66	4,032	8,376,800	363,968	13,374,896	25,305,688
Strathroy.....	23	566	888,714	40,722	2,461,248	4,003,581
Streetsville.....	12	262	488,394	108,521	3,290,268	4,295,797
Sudbury.....	50	925	1,701,145	152,141	4,800,263	8,327,375
Swansea.....	9	903	1,953,673	246,188	3,367,525	6,150,693
Tavistock.....	12	188	281,876	24,959	2,082,251	2,670,068
Teeswater.....	6	58	84,543	14,380	939,678	1,058,226
Thorold.....	20	2,349	7,106,582	2,836,461	15,415,597	33,702,761
Tilbury.....	13	555	1,074,956	139,921	2,087,288	3,877,145
Tillsonburg.....	27	692	1,248,509	177,176	8,699,215	11,449,849
Timmins.....	30	638	1,165,847	75,733	2,167,058	4,172,278
Toronto.....	3,683	154,197	335,142,822	16,500,672	804,970,396	1,475,761,819
Trenton.....	25	1,638	2,757,915	416,965	9,057,069	16,476,646
Walkerton.....	17	496	835,781	28,877	1,353,987	2,630,726
Wallaceburg.....	27	2,688	5,660,679	917,674	12,126,618	23,121,333
Waterford.....	7	147	196,988	12,029	831,181	1,021,782
Waterloo.....	51	2,782	5,866,010	335,150	11,077,905	29,917,804
Waterford.....	7	105	178,407	31,022	600,010	1,107,268
Welland.....	63	8,986	23,340,418	4,561,031	39,877,386	89,665,132
Wellington.....	9	177	247,057	38,174	1,092,823	1,790,579
West Lorne.....	7	165	278,738	19,813	652,125	1,274,978
Weston.....	42	2,213	4,661,967	367,909	5,755,834	15,314,477
Whitby.....	13	339	547,995	48,682	1,018,706	2,014,967
Winchester.....	6	59	73,137	24,895	825,057	1,045,724
Windsor.....	271	32,729	85,354,165	5,100,497	231,706,777	413,749,890
Wingham.....	16	453	906,439	51,372	2,638,400	4,238,392
Woodbridge.....	6	256	513,511	128,651	495,670	1,137,720
Woodstock.....	68	3,770	7,079,755	380,404	19,718,342	34,191,675
Manitoba—						
Brandon.....	35	781	1,322,558	166,997	8,570,060	11,328,852
Neepawa.....	8	116	209,565	97,620	795,877	1,315,150
Portage la Prairie.....	17	223	285,196	28,470	960,052	1,548,453
St. Boniface.....	69	3,599	8,216,494	682,895	74,902,404	95,532,670
Selkirk.....	8	839	1,761,648	559,707	1,784,446	5,526,917
The Pas.....	6	166	332,378	5,854	354,817	1,350,074
Winnipeg.....	765	27,906	54,379,965	3,133,001	157,379,778	264,022,796
Saskatchewan—						
Melville.....	9	77	145,251	21,065	2,336,713	2,810,724
Moose Jaw.....	41	1,518	3,229,288	531,440	37,571,319	44,620,949
North Battleford.....	10	133	227,019	28,616	955,550	1,406,204
Prince Albert.....	30	910	1,850,738	149,359	9,982,576	14,748,307
Regina.....	108	2,802	5,839,728	1,385,247	37,114,460	51,046,021
Saskatoon.....	96	2,492	5,021,895	552,092	36,572,866	49,365,108
Swift Current.....	14	303	639,756	88,114	3,549,068	5,583,769
Weyburn.....	9	90	147,932	22,331	1,263,675	1,685,967
Yorkton.....	16	175	324,046	49,187	1,638,512	2,269,108

12.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1948—concluded

Province and Municipality	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Alberta—						
Athabaska.....	20	142	180,882	20,782	1,138,186	1,671,549
Barrhead.....	11	111	155,777	13,233	1,053,438	1,338,631
Calgary.....	248	7,852	16,921,093	2,099,677	88,245,159	123,026,874
Camrose.....	10	67	119,367	12,966	964,747	1,293,308
Edmonton.....	245	8,216	17,011,834	921,905	87,343,318	121,625,295
Grand Prairie.....	20	271	445,659	44,001	1,524,085	2,735,530
Lethbridge.....	35	918	1,835,740	124,208	6,435,128	12,197,318
Medicine Hat.....	28	1,159	2,108,661	130,402	15,596,031	20,827,159
Red Deer.....	17	141	234,442	40,163	1,961,920	2,800,474
Wetaskiwin.....	8	72	125,814	15,761	1,359,715	1,719,304
British Columbia—						
Alberni.....	19	148	283,313	14,122	531,209	1,175,554
Armstrong.....	12	130	242,660	22,912	676,589	1,151,564
Chilliwack.....	24	216	347,149	41,852	1,243,660	2,015,584
Cranbrook.....	21	321	685,150	47,927	1,191,266	2,566,810
Duncan.....	27	192	366,057	20,632	714,549	1,499,223
Kamloops.....	29	365	639,332	37,949	957,324	2,106,803
Kelowna.....	26	693	1,322,053	87,005	2,980,068	5,747,217
Mission.....	23	455	897,104	71,277	2,937,971	4,519,683
Namaimo.....	29	461	1,022,767	72,149	2,185,520	4,663,445
Nelson.....	33	468	909,407	67,685	2,113,936	4,101,490
New Westminster.....	115	6,615	14,390,208	858,532	42,558,581	76,754,973
North Vancouver.....	48	3,167	8,267,679	379,389	7,377,376	27,273,197
Oliver.....	10	153	269,348	16,656	424,407	1,130,763
Penticton.....	17	209	332,370	20,380	618,788	1,301,898
Port Alberni.....	19	1,613	4,296,712	141,191	8,254,090	23,602,051
Prince George.....	107	1,063	1,769,286	161,967	5,196,011	8,674,636
Prince Rupert.....	28	600	1,241,001	72,851	4,692,382	8,308,396
Quesnel.....	37	215	320,136	36,239	407,564	1,059,468
Vancouver.....	1,136	33,815	75,300,519	4,299,879	211,726,521	360,749,092
Vernon.....	39	376	696,465	69,418	1,529,335	2,735,794
Victoria.....	191	4,392	9,769,587	693,390	17,467,682	36,628,285

13.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1948

County	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Prince Edward Island—						
Kings.....	65	390	321,216	43,184	1,576,731	2,173,724
Prince.....	96	576	597,749	60,539	5,004,301	6,213,005
Queens.....	93	793	1,155,020	117,896	6,053,753	8,687,355
Totals.....	254	1,759	2,073,985	221,619	12,634,785	17,074,084
Nova Scotia—						
Annapolis.....	48	620	757,810	92,206	1,830,801	3,250,033
Antigonish.....	20	139	165,739	20,788	479,673	847,221
Cape Breton North.....	22	407	574,088	41,094	1,486,293	2,608,553
Cape Breton South.....	80	6,279	14,260,616	3,611,704	24,814,489	48,600,548
Colchester.....	103	2,109	2,696,797	213,406	6,960,219	12,451,371
Cumberland.....	98	1,704	2,619,758	347,833	5,885,301	10,719,049
Digby.....	107	1,092	1,220,028	85,549	3,186,190	5,330,304
Guysborough.....	44	397	366,589	38,892	1,262,087	2,065,829
Halifax.....	223	7,373	13,916,536	2,278,569	44,564,185	73,337,527
Hants.....	61	1,095	1,596,468	276,290	4,816,985	8,240,529
Inverness.....	63	277	203,628	18,159	815,961	1,228,673
Kings.....	72	833	1,031,328	185,545	3,164,879	5,072,803
Lunenburg.....	150	1,694	2,276,144	155,918	5,351,024	9,392,218
Pictou.....	113	2,881	5,341,885	781,193	21,152,809	33,275,979
Queens.....	29	1,161	2,651,516	1,142,845	4,502,676	12,966,055
Richmond.....	22	47	21,416	1,913	84,726	120,461
Shelburne.....	74	722	905,084	86,492	3,465,749	5,455,419
Victoria.....	29	105	85,736	6,788	329,773	531,741
Yarmouth.....	82	1,413	1,862,034	190,623	6,607,773	10,617,370
Totals.....	1,440	30,348	52,553,200	9,575,607	140,761,593	246,111,683

13.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1948—continued

County	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
New Brunswick—						
Albert.....	26	275	454,394	114,496	1,394,664	2,678,424
Carleton.....	60	684	906,315	54,573	2,282,731	3,712,598
Charlotte.....	77	3,208	4,475,918	542,310	11,489,927	19,883,139
Gloucester.....	113	1,945	3,672,581	1,192,823	9,776,110	19,285,821
Kent.....	59	441	310,985	21,113	1,286,788	1,777,248
Kings.....	59	488	695,026	54,286	2,786,658	4,477,744
Madawaska.....	52	1,049	2,594,960	960,779	7,332,773	16,891,239
Northumberland.....	66	777	982,603	49,374	2,889,368	4,617,623
Queens.....	32	278	420,734	118,885	1,009,171	1,871,027
Restigouche.....	62	2,215	5,597,391	2,691,938	13,254,679	30,704,253
St. John.....	136	5,465	10,718,921	1,985,733	52,099,202	78,652,913
Sunbury.....	11	56	58,478	5,032	188,149	320,413
Victoria.....	43	434	643,922	24,768	1,247,168	2,215,168
Westmorland.....	175	5,143	9,459,812	698,279	19,905,928	34,147,896
York.....	96	1,867	2,926,647	250,616	7,467,213	13,344,178
Totals.....	1,067	24,325	43,918,687	8,765,005	134,410,529	234,579,684
Quebec—						
Abitibi.....	176	1,276	1,734,985	133,909	4,774,378	8,138,331
Argenteuil.....	74	3,155	5,855,564	524,925	12,417,512	24,297,262
Arthabaska.....	142	3,299	5,013,252	307,315	15,431,350	24,308,179
Bagot.....	74	1,248	1,764,072	135,458	6,185,857	9,233,587
Beauce.....	187	2,324	3,010,066	243,231	8,107,275	13,146,313
Beauharnois.....	75	5,781	11,568,193	1,936,637	21,601,757	46,584,202
Bellechasse.....	86	340	369,483	46,365	2,466,843	3,086,258
Berthier.....	115	1,284	1,550,315	190,072	4,277,238	7,550,660
Bonaventure.....	109	624	667,597	46,674	2,197,075	3,319,472
Brome.....	44	356	458,983	65,954	1,937,283	2,795,791
Chambly.....	88	3,013	5,365,891	407,537	10,447,745	20,485,698
Champlain.....	210	6,219	11,584,324	2,978,829	33,924,101	68,665,534
Charlevoix East.....	45	618	1,316,343	729,742	2,324,022	6,148,251
Charlevoix West.....	40	91	86,854	7,417	339,376	501,180
Chateauguay.....	33	513	816,241	83,046	3,416,627	5,743,646
Chicoutimi.....	180	10,035	25,058,213	20,863,253	61,633,379	157,706,732
Compton.....	82	1,532	2,858,024	732,301	7,820,915	14,271,317
Deux Montagnes.....	46	260	316,495	48,169	1,491,081	2,127,749
Dorchester.....	100	612	836,611	96,766	4,219,971	5,858,513
Drummond.....	96	8,646	15,500,181	1,784,715	20,424,184	53,462,927
Frontenac.....	105	935	1,270,666	100,230	3,335,839	5,480,456
Gaspé East.....	116	1,242	2,111,623	430,073	4,883,319	10,179,756
Gaspé West.....	35	389	538,009	6,915	1,394,019	2,609,397
Gatineau.....	67	276	372,175	40,901	1,579,905	2,406,926
Hull.....	77	5,773	13,822,203	5,146,313	38,239,128	73,961,760
Huntingdon.....	34	662	1,422,116	111,804	5,059,543	8,630,832
Iberville.....	36	512	819,363	91,520	2,889,593	4,584,693
Jésus-Island.....	39	535	749,524	48,944	1,350,830	2,621,851
Joliette.....	121	2,631	4,258,273	786,542	10,116,710	19,263,300
Kamouraska.....	86	540	613,864	47,798	2,567,145	3,715,243
Labelle.....	95	617	748,419	36,797	2,927,176	4,478,649
Lac St. Jean East.....	79	1,496	3,802,760	2,676,211	12,433,799	29,211,842
Lac St. Jean West.....	150	1,188	2,557,554	1,153,075	9,536,361	18,762,209
Laprairie.....	32	1,004	1,887,286	762,147	4,039,093	8,512,259
L'Assomption.....	66	937	1,388,687	88,221	3,004,875	5,513,262
Lévis.....	86	3,815	7,351,821	326,608	11,294,424	22,588,621
L'Islet.....	92	671	980,873	72,109	2,115,972	4,316,870
Lotbinière.....	106	672	765,896	118,586	4,175,565	5,741,962
Madeleine Islands.....	24	363	230,428	28,889	1,549,719	2,113,528
Maskinonge.....	79	1,394	2,071,297	251,207	5,540,916	9,535,200
Matane.....	84	658	1,026,827	41,211	2,892,641	5,116,035
Matapédia.....	73	566	797,016	30,835	3,571,522	4,930,597
Mégantic.....	107	1,795	2,725,857	193,969	5,224,760	9,547,724
Missisquoi.....	64	3,401	5,806,344	463,056	11,630,673	26,147,554
Montcalm.....	71	338	367,627	27,035	2,354,121	2,954,692
Montmagny.....	86	2,025	3,116,811	155,873	6,917,856	13,405,789
Montmorency No. 1.....	40	706	1,684,068	1,157,606	4,761,959	11,390,523
Montmorency No. 2.....	16	65	88,283	9,149	266,662	392,166
Montreal Island (Isle d'Orleans).....	4,156	205,530	426,175,923	33,998,643	1,107,455,414	1,959,863,747
Napierville.....	30	527	717,397	77,759	3,874,781	5,491,418
Nicolet.....	121	917	1,138,967	121,915	5,457,602	7,844,234
Papineau.....	91	1,722	3,644,280	885,808	8,741,895	18,558,131
Pontiac.....	48	431	572,106	30,517	2,485,528	3,615,980

13.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1948—continued

County	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Quebec—Concluded						
Portneuf.....	159	2,648	5,410,100	2,631,025	14,920,948	31,838,262
Quebec.....	520	18,344	30,388,562	3,707,225	80,562,801	145,721,699
Richelieu.....	75	3,910	8,151,353	444,803	9,937,869	18,591,878
Richmond.....	77	2,854	5,718,499	1,283,746	14,516,900	26,399,653
Rimouski.....	136	1,187	1,920,844	125,048	6,016,368	9,445,537
Rivière-du-Loup.....	115	976	1,550,698	158,684	4,707,207	7,738,930
Rouville.....	80	1,328	1,770,961	198,774	6,495,345	10,080,366
Saguenay.....	60	1,130	3,114,370	444,104	13,678,813	23,958,157
Shedford.....	133	6,385	10,875,986	711,060	25,732,231	50,629,125
Sherbrooke.....	116	8,657	15,882,253	1,190,325	30,555,998	64,736,587
Soulanges.....	24	77	85,071	21,790	757,095	948,349
Stanstead.....	105	4,872	9,086,565	950,667	39,887,607	55,020,465
St. Hyacinthe.....	143	5,621	8,879,469	577,036	25,473,099	42,897,073
St. Jean.....	84	5,700	11,123,608	792,601	16,470,485	40,716,457
St. Maurice.....	177	13,451	31,062,069	13,010,829	71,975,754	161,663,614
Témiscamingué.....	87	1,970	4,949,198	2,513,817	38,075,779	51,743,139
Témiscouata.....	84	820	1,305,430	44,392	3,586,637	6,123,912
Terrebonne.....	190	6,353	10,563,766	762,848	19,808,479	40,383,121
Vaudreuil.....	45	274	328,826	31,743	1,159,427	1,838,973
Verchères.....	69	1,039	1,726,178	285,066	6,756,268	12,165,372
Wolfe.....	70	532	637,391	143,602	1,772,351	2,783,489
Yamaska.....	59	279	328,907	69,664	2,157,668	2,963,067
Totals.....	11,122	383,966	756,216,134	110,979,430	1,954,111,943	3,599,306,033
Ontario—						
Addington.....	31	203	235,386	26,304	1,309,328	1,831,118
Algoma.....	111	7,279	18,899,479	5,897,465	55,210,340	99,825,517
Brant.....	182	15,826	34,425,902	1,744,269	71,085,124	132,773,163
Bruce.....	158	2,723	4,251,400	266,050	12,184,895	19,453,246
Carleton.....	299	11,062	21,772,462	1,778,662	40,836,288	84,672,752
Cochrane.....	118	3,941	10,708,578	3,348,958	26,306,081	64,646,641
Dufferin.....	32	279	370,740	47,208	2,249,654	3,059,820
Dundas.....	47	646	1,005,153	185,327	6,820,522	9,434,274
Durham.....	75	2,442	5,419,520	424,916	9,323,189	21,383,716
Elgin.....	107	3,100	5,517,984	443,793	25,483,877	36,519,162
Essex.....	387	36,679	92,607,083	7,220,208	264,171,730	473,937,344
Frontenac.....	107	5,778	11,953,322	1,168,316	23,751,239	53,489,761
Glenora.....	79	332	69,996	69,996	2,950,471	3,618,372
Grenville.....	59	1,456	2,411,714	606,221	10,534,781	16,425,169
Grey.....	194	4,969	8,983,149	474,914	16,699,098	31,974,686
Halimand.....	60	1,573	2,811,310	512,279	10,928,702	18,378,337
Haliburton.....	34	365	527,522	12,763	933,961	1,882,849
Halton.....	118	4,516	8,786,602	1,072,166	20,843,103	38,933,153
Hastings.....	239	7,311	13,203,644	1,605,867	27,410,811	55,805,376
Huron.....	143	2,012	3,402,381	490,609	18,896,264	26,637,505
Kenora.....	73	2,080	5,120,745	1,433,529	24,724,354	38,745,835
Kent.....	175	7,142	14,938,143	2,048,150	55,467,593	86,155,660
Lambton.....	130	7,773	18,475,474	8,983,628	94,991,613	140,877,890
Lanark.....	129	3,971	6,977,334	464,003	13,197,076	24,586,435
Leeds.....	130	2,848	5,480,637	555,967	26,412,841	39,740,239
Lennox.....	42	678	1,103,107	299,691	3,050,947	5,573,742
Lincoln.....	202	13,056	29,701,873	2,202,951	49,846,691	104,946,635
Manitowlin.....	29	98	85,705	16,991	580,905	811,631
Middlesex.....	366	16,798	33,877,943	1,943,027	70,364,656	143,127,082
Muskoka.....	85	1,328	2,141,027	118,624	6,104,548	10,450,405
Nipissing.....	88	1,634	3,190,828	413,836	6,616,311	13,824,682
Norfolk.....	89	1,976	3,644,416	271,699	23,549,257	31,415,362
Northumberland.....	133	1,974	3,114,092	291,326	9,411,231	16,777,210
Ontario.....	137	10,148	25,523,293	1,450,038	80,747,243	148,242,900
Oxford.....	193	6,745	12,519,537	1,313,878	46,564,544	73,985,380
Parry Sound.....	96	1,067	1,751,623	180,353	4,539,322	8,965,682
Peel.....	107	5,461	12,262,390	1,850,085	32,743,070	59,020,506
Perth.....	173	5,891	11,590,270	1,428,865	28,184,608	48,437,711
Peterborough.....	157	10,263	23,398,328	1,193,694	61,785,503	107,493,339
Prescott.....	110	1,064	2,221,713	828,769	7,616,896	12,645,290
Prince Edward.....	74	926	1,133,675	138,230	5,125,947	7,849,827
Rainy River.....	52	1,293	3,555,643	474,668	6,597,998	15,419,114
Renfrew.....	200	4,084	6,975,852	565,317	15,542,234	28,322,661
Russell.....	78	217	220,618	46,479	2,261,415	2,752,281
Simcoe.....	230	6,204	10,950,399	684,009	25,320,810	45,870,000

13.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1948—continued

County	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Ontario—Continued						
Stormont.....	85	6,843	14,404,081	2,875,945	25,221,925	57,137,144
Sudbury.....	130	8,327	21,810,959	11,968,309	83,351,775	174,885,876
Thunder Bay.....	209	8,075	20,341,439	5,254,248	47,964,306	102,893,040
Timiskaming.....	105	1,391	2,500,353	139,752	5,158,471	9,378,759
Victoria.....	91	1,458	2,111,094	241,836	5,786,225	9,516,878
Waterloo.....	474	30,601	61,001,219	3,190,255	130,749,230	257,479,214
Welland.....	267	23,533	59,618,354	15,752,908	217,006,173	369,688,517
Wellington.....	216	8,666	17,214,418	1,145,006	36,220,907	66,609,273
Wentworth.....	600	55,294	127,653,779	20,002,124	266,918,146	533,515,292
York.....	4,084	180,182	396,215,991	21,000,523	950,214,475	1,750,849,782
District of Patricia.....	8	77	159,767	23,515	215,641	467,616
Totals.....	12,127	551,658	1,210,640,212	138,188,519	3,118,084,345	5,743,140,851
Manitoba—						
Division No. 1.....	64	253	285,780	45,138	1,642,611	2,204,741
Division No. 2.....	45	331	444,032	98,227	2,777,540	4,090,034
Division No. 3.....	27	117	151,148	22,247	1,503,800	1,815,837
Division No. 4.....	10	38	54,527	11,526	304,424	413,135
Division No. 5.....	53	3,250	6,922,004	1,176,960	16,809,927	31,261,683
Division No. 6.....	878	32,217	63,906,484	4,897,076	235,736,919	368,667,965
Division No. 7.....	59	845	1,421,668	184,678	9,554,983	12,303,908
Division No. 8.....	13	81	119,609	19,452	1,397,885	1,708,857
Division No. 9.....	29	2,047	3,733,242	750,787	4,424,351	11,665,022
Division No. 10.....	22	158	257,473	103,060	1,304,052	1,923,036
Division No. 11.....	20	76	102,041	17,593	1,116,046	1,332,941
Division No. 12.....	36	96	93,586	26,604	1,503,882	1,794,856
Division No. 13.....	27	153	209,772	28,297	1,206,192	1,579,445
Division No. 14.....	42	167	185,520	18,125	1,517,041	1,953,349
Division No. 15.....	21	55	58,787	12,284	684,339	905,794
Division No. 16.....	54	673	1,358,203	536,125	15,322,277	18,580,577
Totals.....	1,400	40,557	79,303,876	7,948,179	296,606,269	462,201,180
Saskatchewan—						
Division No. 1.....	22	167	334,852	49,240	1,032,414	1,688,930
Division No. 2.....	15	103	164,803	24,779	1,300,487	1,747,669
Division No. 3.....	7	32	33,166	2,642	27,824	81,702
Division No. 4.....	11	66	105,094	14,213	637,073	826,036
Division No. 5.....	33	177	265,648	40,980	3,570,361	4,277,681
Division No. 6.....	123	2,837	5,884,292	1,389,815	37,328,560	51,334,792
Division No. 7.....	46	1,529	3,240,561	532,295	37,574,620	44,641,542
Division No. 8.....	22	322	662,765	90,724	3,578,844	5,652,211
Division No. 9.....	68	393	585,305	89,867	3,755,321	5,051,371
Division No. 10.....	18	70	105,164	16,904	1,406,189	1,647,291
Division No. 11.....	112	2,556	5,110,555	575,068	37,501,263	50,476,783
Division No. 12.....	13	62	107,902	26,465	1,255,470	1,430,422
Division No. 13.....	14	47	72,232	13,572	601,492	769,472
Division No. 14.....	192	664	751,770	88,299	2,667,500	4,595,013
Division No. 15.....	78	1,050	2,023,088	204,578	11,535,093	16,712,596
Division No. 16.....	66	294	419,362	52,485	2,256,681	3,131,231
Divisions No. 17 and 18.....	84	574	1,164,610	673,194	26,373,533	27,259,985
Unlocated.....	2	7	7,742	1,422	20,550	38,876
Totals.....	926	10,950	21,038,911	3,886,542	172,423,275	221,363,603
Alberta—						
Division No. 1.....	34	1,271	2,251,564	138,307	16,238,315	22,087,796
Division No. 2.....	87	1,665	3,018,915	274,208	10,888,838	19,941,818
Division No. 3.....	12	649	1,823,454	90,881	2,156,284	5,175,172
Division No. 4.....	23	449	908,692	97,955	6,027,684	9,212,631
Division No. 5.....	9	51	35,852	7,098	310,101	402,500
Division No. 6.....	328	8,584	18,459,457	2,818,566	91,475,411	132,684,614
Division No. 7.....	29	130	191,932	38,922	2,344,386	2,764,025
Division No. 8.....	82	485	781,730	118,173	7,592,094	9,780,807
Division No. 9.....	110	630	842,943	79,367	3,490,472	5,324,613
Division No. 10.....	43	195	361,957	88,819	3,988,202	5,232,200
Division No. 11.....	320	8,709	17,845,743	1,078,551	96,153,792	131,313,103
Division No. 12.....	168	1,114	1,400,487	128,141	4,074,025	7,468,491
Division No. 13.....	47	115	105,411	21,633	1,132,998	1,370,965

**13.—Principal Statistics of the Manufacturing Industries of Canada, by Counties
and Census Divisions, 1948—concluded**

County	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Alberta—Concluded						
Division No. 14.....	111	548	726,311	70,358	4,404,296	6,302,541
Division No. 15.....	67	519	703,823	61,085	1,266,851	2,789,409
Division No. 16.....	89	555	732,602	83,296	2,053,898	3,973,109
Division No. 17.....	8	30	25,960	3,224	108,115	172,688
Unlocated.....	1	13	20,928	1,650	43,205	93,600
Totals.....	1,568	25,692	49,737,761	5,200,234	253,754,967	366,090,082
British Columbia—						
Division No. 1.....	102	1,072	1,960,311	177,418	4,047,161	8,496,967
Division No. 2.....	149	6,683	16,757,443	2,995,708	102,836,700	144,709,669
Division No. 3.....	281	2,933	5,009,655	387,799	9,879,331	20,149,375
Division No. 4.....	1,659	53,407	119,709,107	8,650,147	331,042,529	585,956,654
Division No. 5.....	482	12,388	29,342,681	3,321,241	53,310,044	120,587,297
Division No. 6.....	201	1,587	2,511,036	160,195	4,517,704	9,129,784
Division No. 7.....	38	3,218	9,659,562	2,288,692	18,822,097	48,960,294
Division No. 8.....	481	3,322	5,223,803	413,144	11,396,100	22,184,309
Division No. 9.....	65	1,615	3,226,174	193,115	12,220,136	23,117,545
Division No. 10.....	61	367	555,719	52,214	1,142,824	2,185,918
Unlocated.....	7	22	25,314	2,720	60,377	114,890
Totals.....	3,526	86,614	193,980,805	18,642,393	549,275,003	985,592,702

APPENDIX I

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1948

GREATER MONTREAL

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Foods and Beverages—						
Foods—						
Biscuits and crackers.....	9	1,664	2,503,251	179,103	9,325,669	15,987,350
Bread and other bakery products.....	156	4,742	8,675,919	824,869	15,158,225	30,512,945
Butter and cheese.....	14	2,160	4,625,762	443,663	14,534,362	23,253,191
Cheese, processed.....	4	326	604,854	31,513	7,367,423	10,806,631
Dairy products, other.....	8	131	235,125	32,786	980,488	1,761,642
Feeds, stock and poultry.....	13	512	1,054,185	88,081	20,706,074	23,530,451
Confectionery.....	41	2,192	3,308,527	248,617	14,319,314	26,788,807
Flour and feed mills.....	6	606	1,670,389	194,406	20,675,619	23,022,237
Fruit and vegetable preparations.....	36	1,024	1,592,367	162,232	6,198,690	9,613,123
Macaroni, spaghetti, etc.....	4	385	782,065	74,792	3,190,488	4,877,738
Malt and malt products.....	4	112	297,333	155,513	2,888,359	3,953,392
Miscellaneous foods.....	66	1,548	2,904,625	301,526	28,454,826	39,652,040
Sausage and sausage casings.....	19	206	349,226	41,523	1,452,855	2,158,213
Slaughtering and meatpacking.....	19	2,758	6,336,110	571,213	89,427,707	103,336,938
All other industries ¹	6	1,193	2,855,806	1,049,555	39,578,406	49,953,842
Beverages—						
Carbonated beverages.....	26	1,218	2,541,833	226,399	4,854,636	16,146,697
Distilled liquors.....	4	1,297	3,140,871	642,403	9,487,118	20,247,945
Malt liquors.....	6	2,378	6,269,537	662,292	10,546,294	32,222,232
All other industries.....	1	10	23,797	5,290	73,885	143,127
Totals.....	442	24,462	49,771,582	5,935,776	299,250,438	437,968,541
Tobacco and Tobacco Products...	29	6,000	12,169,311	183,573	37,444,650	76,024,897
Rubber Products.....	7	2,067	4,559,584	293,457	6,691,393	14,611,449
Leather Products—						
Belting.....	4	99	178,229	11,240	522,158	880,511
Boots and shoes.....	83	7,530	11,920,098	169,294	19,010,169	36,981,594
Boot and shoe findings.....	10	140	251,916	30,893	309,527	643,183
Gloves and mittens.....	21	839	1,117,334	11,414	1,883,883	3,884,493
Miscellaneous leather products..	85	2,002	2,952,525	40,621	4,009,741	8,433,074
Tanneries.....	5	147	284,471	25,865	783,371	1,294,553
Totals.....	208	10,757	16,704,573	289,327	26,518,849	52,117,408
Textile Products (Except Clothing)—						
Bags, cotton and jute.....	10	580	953,726	40,844	10,152,347	11,869,519
Canvas products.....	15	258	443,843	13,312	926,871	1,628,176
Cotton and wool waste.....	10	219	338,379	25,397	1,254,027	1,820,046
Cotton batting and wadding....	3	112	211,214	30,707	743,424	1,344,264
Cotton thread.....	3	800	1,291,419	56,609	3,795,400	6,596,986
Cotton yard and cloth.....	4	3,335	7,180,998	491,834	10,680,077	22,566,963
Dyeing and finishing of textiles...	22	760	1,589,017	224,407	633,971	3,669,071
Laces, tapes and bindings.....	14	469	816,112	39,647	974,347	1,902,523
Miscellaneous cotton goods.....	74	1,557	2,163,917	26,454	6,146,067	9,751,230
Miscellaneous textiles.....	7	1,287	3,241,151	253,447	10,166,981	17,269,297
Miscellaneous woollen goods.....	3	61	109,489	11,713	299,800	500,696
Synthetic textiles and silk.....	3	517	1,865,004	3,984	417,037	927,152
Woollen cloth.....	7	77	219,661	915	203,611	393,312
Woollen yarn.....	3	80	120,421	5,161	159,606	313,572
All other textiles ²	3	127	166,195	10,848	1,010,664	1,735,516
Totals.....	181	10,239	20,710,546	1,235,279	47,564,230	82,288,323

For footnotes, see end of table, p. 114.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1948—con.

GREATER MONTREAL—continued

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Clothing (Textile and Fur)—						
Clothing contractors, (men's)...	91	1,891	3,130,519	23,538	353,096	4,144,313
Clothing contractors, (women's)...	49	722	1,093,219	16,749	71,761	1,506,441
Clothing, men's factory.....	294	11,701	20,890,045	184,981	49,880,167	94,192,688
Clothing, women's factory.....	705	21,230	36,748,363	296,135	74,242,415	144,536,551
Corsets.....	10	444	646,568	5,765	901,756	2,363,830
Fur dressing and dyeing.....	8	885	1,780,857	77,692	605,856	3,599,450
Fur goods.....	240	2,716	5,380,798	65,577	20,758,729	30,212,796
Hats and caps.....	67	2,107	3,754,062	83,474	4,702,748	11,095,879
Hosiery and knitted goods.....	54	2,906	4,391,586	107,227	8,198,033	15,405,534
Oiled and waterproofed clothing.....	9	220	368,358	5,758	947,797	2,033,424
All other industries.....	1	3	4,502	410	12,227	16,404
Totals.....	1,528	44,825	78,188,877	867,306	160,674,585	309,107,310
Wood Products—						
Boxes and baskets.....	9	491	862,325	19,233	1,226,507	2,569,665
Cooperage.....	4	69	115,943	10,120	468,649	681,113
Furniture.....	188	4,400	8,309,788	259,657	12,271,902	26,329,660
Lasts, trees and other wooden shoe findings.....	6	325	575,414	18,798	352,515	1,141,141
Miscellaneous wood products.....	52	381	670,396	29,617	939,562	1,981,546
Planing mills, sash and door factories.....	52	943	1,797,335	81,706	4,337,234	7,373,681
Refrigerators, other than electric	3	101	156,274	5,915	243,706	598,813
Sawmills.....	3	4	1,276	223	6,010	8,594
Woodturning.....	4	29	52,781	2,180	94,482	170,896
All other industries ³	8	331	611,696	47,466	1,223,156	2,621,764
Totals.....	329	7,074	13,153,228	474,915	21,163,723	43,476,873
Paper Products—						
Boxes and bags.....	30	2,694	4,646,175	155,604	11,479,236	19,446,878
Miscellaneous paper products.....	45	1,240	2,125,428	76,080	5,000,941	9,174,980
All other industries ⁴	6	2,139	6,256,797	449,645	7,058,446	14,282,334
Totals.....	81	6,073	13,028,400	681,329	23,538,623	42,904,192
Printing, Publishing and Allied Industries—						
Engraving, stereotyping and electrotyping.....	26	715	2,029,436	40,454	833,207	4,009,815
Lithographing.....	9	721	1,849,595	36,234	2,358,297	5,564,581
Printing and bookbinding.....	303	4,889	10,023,413	212,656	7,841,225	24,174,850
Printing and publishing.....	25	3,971	9,672,296	176,554	7,446,180	26,155,226
Trade composition.....	10	214	496,774	9,373	73,658	904,640
Totals.....	373	10,510	24,071,514	475,271	18,552,567	60,809,112
Iron and Steel Products—						
Boilers, tanks and platemwork....	9	1,091	3,084,128	136,834	3,693,265	8,785,361
Bridge and structural steel work....	6	2,853	7,722,208	333,093	9,164,108	19,528,215
Hardware, tools and cutlery.....	41	2,332	4,871,611	273,136	4,522,410	14,736,120
Heating and cooking apparatus.....	8	557	1,341,882	68,983	2,635,542	4,817,907
Iron castings.....	12	2,630	6,098,639	413,170	8,301,521	19,612,064
Machinery.....	39	4,478	10,597,089	429,179	11,887,501	28,538,718
Machine shops.....	65	1,109	2,377,447	86,496	1,366,402	5,045,286
Miscellaneous iron and steel pro- ducts.....	51	736	1,338,551	52,410	1,080,979	3,440,704
Primary iron and steel.....	4	2,591	6,386,809	1,309,502	7,885,692	20,353,747
Sheet metal products.....	48	4,418	9,432,772	453,370	21,017,642	41,147,736
Wire and wire goods.....	21	1,519	3,406,730	314,234	3,746,813	14,584,608
Totals.....	304	24,314	56,657,866	3,870,407	75,301,875	180,590,466

For footnotes, see end of table, p. 114.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1948—con.

GREATER MONTREAL—continued

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Transportation Equipment—						
Automobile parts.....	11	197	415,658	20,982	267,772	862,249
Bicycles and parts.....	4	64	123,172	2,626	94,542	287,434
Boatbuilding.....	3	9	9,591	161	5,736	12,291
Miscellaneous transportation equipment.....	3	33	69,311	2,242	41,552	121,177
Railway rolling-stock.....	10	14,365	36,427,524	2,248,670	62,259,485	112,705,555
Shipbuilding and repairs.....	5	2,757	7,505,387	304,417	8,719,079	17,849,334
All other industries ⁹	6	4,992	12,202,142	517,108	16,173,258	35,489,109
Totals.....	42	22,417	56,752,785	3,096,206	87,561,424	167,327,149
Non-ferrous Metal Products—						
Aluminum products.....	12	195	301,713	14,315	377,126	809,599
Brass and copper products.....	33	3,062	6,605,183	616,629	30,002,692	41,338,030
Jewellery and silverware.....	54	1,332	2,310,221	29,105	3,099,845	7,074,262
White metal alloys.....	15	372	888,988	82,487	11,485,281	14,195,878
All other industries.....	2	40	88,963	2,958	61,036	268,567
Totals¹⁰.....	116	5,001	10,195,068	745,494	45,025,950	63,686,336
Electrical Apparatus and Supplies	56	14,929	33,970,321	830,205	37,124,998	89,416,014
Non-metallic Mineral Products—						
Cement products.....	32	708	1,359,321	271,112	2,376,629	5,286,501
Glass products.....	26	2,084	3,998,254	1,525,234	4,881,576	13,585,384
Miscellaneous non-metallic mineral products.....	12	154	332,866	36,106	806,144	1,805,451
Stone products.....	11	237	547,019	40,212	271,592	946,599
All other industries ⁶	8	956	2,350,279	3,094,053	3,855,210	14,984,551
Totals.....	89	4,139	8,587,739	4,966,717	12,191,151	36,608,486
Products of Petroleum and Coal⁷	7	2,619	7,102,634	8,315,816	102,761,509	134,972,021
Chemicals and Allied Products—						
Adhesives.....	6	171	354,972	33,554	960,339	1,758,288
Gases, compressed.....	7	273	637,888	68,302	486,674	2,663,649
Inks, printing and writing.....	9	103	196,057	12,435	431,841	980,522
Medicinal and pharmaceutical preparations.....	74	3,173	6,831,762	351,160	10,943,441	30,849,088
Miscellaneous chemical products.....	41	635	1,504,874	149,787	6,984,836	10,742,710
Paints and varnishes.....	29	2,345	4,915,917	220,300	15,680,427	28,894,927
Polishes and dressings.....	14	150	277,828	20,997	959,237	1,600,664
Soaps, washing and cleaning compounds.....	24	457	876,541	73,125	2,290,134	4,646,660
Toilet preparations.....	26	506	897,768	22,047	1,978,163	4,928,640
Vegetable oil mills.....	3	176	369,451	58,172	8,728,705	13,452,070
All other industries ⁸	9	414	943,731	188,657	6,232,891	9,412,637
Totals.....	242	8,403	17,806,789	1,198,536	55,676,688	109,929,855
Miscellaneous Manufacturing Industries—						
Artificial flowers and feathers....	17	375	561,315	6,804	607,382	1,576,206
Brooms, brushes and mops.....	21	367	508,956	19,401	852,792	1,629,640
Buttons.....	20	502	812,387	18,264	1,138,548	2,511,184
Candles.....	7	111	173,825	10,182	314,345	718,828
Hair goods.....	9	61	119,701	1,896	427,733	571,938
Ice, manufactured.....	5	52	115,573	42,060	22,157	342,197
Lamps, electric, and lamp shades	15	340	474,018	10,705	790,674	1,659,892
Pipes, and other smokers' sup- plies.....	4	68	137,240	5,276	273,212	343,076

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1948—con.**GREATER MONTREAL—concluded**

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Miscellaneous Manufacturing Industries—concluded						
Plastic products, fabricated.....	15	231	334,489	15,384	683,072	1,499,894
Scientific and professional instru- ments and equipment.....	13	255	459,275	15,208	954,793	1,775,969
Signs, neon and other.....	6	210	412,969	11,338	179,114	755,435
Sporting goods.....	9	315	469,270	14,728	737,826	1,442,804
Stamps and stencils, rubber and metal.....	9	91	182,892	5,269	61,679	341,316
Statuary, art goods and novelties	31	284	435,181	9,580	325,714	972,549
Toys and games.....	6	51	66,029	1,292	135,615	274,979
All other industries ⁹	8	570	1,012,896	27,208	1,193,169	3,434,387
Totals.....	195	3,883	6,276,016	214,595	8,697,825	19,850,294
Grand Totals, Greater Montreal¹⁰.	4,229	207,712	429,706,833	33,674,212	1,065,740,508	1,921,688,726

¹ Includes: Breakfast foods, 2; fish, canned and cured, 1; rice mills, 1; sugar, 2.² Includes: Automobile accessories, fabric, 2; cordage, rope and twine, 1.³ Includes: Coffins and caskets, 2; excelsior, 1; hardwood flooring, 2; woodenware, 2; wood preservation, 1.⁴ Includes: Pulp and paper mills, 2; roofing paper, 4.⁵ Includes: Aircraft and aircraft parts, 5; automobiles, 1.⁶ Includes: Asbestos products, 2; cement, Portland, 2; clay products from imported clays, 2; gypsum, 1; sand-lime brick, 1.⁷ Includes: Coke and gas products, 2; petroleum products, 5.⁸ Includes: Acids, alkalis and salts, 2; coal tar distillation, 2; fertilizers, 2; hardwood distillation, 1; plastics, primary, 2.⁹ Includes: Fountain pens and pencils, 2; miscellaneous industries, 1; musical instruments, 1; type-writer supplies, 2; umbrellas, 2.¹⁰ Totals for Greater Montreal exclude the non-ferrous smelting and refining industry.**GREATER TORONTO**

Foods and Beverages—						
Foods—						
Animal oils and fats.....	4	94	246,084	45,858	809,788	1,364,963
Biscuits and crackers.....	7	1,513	2,687,017	164,429	5,339,358	12,149,150
Bread and other bakery products	226	5,653	10,758,362	884,126	17,448,706	36,256,469
Breakfast foods, prepared.....	3	9	14,255	496	24,637	51,870
Butter and cheese.....	8	1,848	4,268,846	341,084	12,208,422	20,331,766
Cheese, processed.....	4	142	222,296	13,015	3,005,428	3,558,407
Confectionery.....	41	4,187	6,800,293	360,072	27,008,330	45,310,766
Dairy products, other.....	12	54	83,140	10,830	314,892	454,004
Feeds, stock and poultry.....	12	519	1,155,343	88,788	11,173,839	14,188,282
Flour and feed mills.....	10	361	887,503	68,519	8,987,259	10,524,540
Fruit and vegetable preparations.	28	1,253	2,527,382	163,730	9,885,463	15,390,970
Macaroni, spaghetti, etc.....	3	97	180,134	14,051	488,564	745,596
Miscellaneous foods ¹	69	2,147	4,376,652	330,458	30,665,604	43,434,594
Sausage and sausage casings.....	13	107	204,256	18,117	1,685,589	2,032,127
Slaughtering and meatpacking...	20	4,676	11,892,648	858,191	140,016,235	159,763,691
Beverages—						
Carbonated beverages.....	21	957	1,810,871	152,331	3,363,010	10,379,111
Distilled liquors.....	3	347	936,065	178,529	5,357,267	9,844,595
Malt liquors.....	5	948	2,847,873	170,968	4,606,640	18,348,297
Wines.....	5	106	283,689	12,381	615,372	1,463,511
Totals.....	494	25,018	52,182,709	3,875,973	283,004,403	405,592,709
Tobacco and Tobacco Products....	6	320	539,507	8,565	865,443	1,528,709
Rubber Products.....	12	6,706	16,957,686	1,065,689	31,515,044	70,264,647

For footnotes, see end of table, p. 117.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1948—con.

GREATER TORONTO—continued

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Leather Products—						
Belting.....	5	77	153,522	2,742	440,661	635,050
Boots and shoes.....	27	1,358	2,392,695	25,875	3,671,876	7,092,593
Gloves and mittens.....	7	53	71,007	2,411	98,071	198,371
Miscellaneous leather products ²	73	1,505	2,419,553	48,027	3,472,250	7,427,330
Tanneries.....	4	730	1,672,429	164,859	6,396,952	9,438,299
Totals.....	116	3,723	6,709,206	243,914	14,079,810	24,791,643
Textile Products (Except Clothing)—						
Automobile accessories (fabric).....	4	29	46,877	1,752	109,832	192,135
Bags, cotton and jute.....	5	153	253,177	9,581	2,571,984	3,033,015
Canvas products.....	17	283	452,068	15,856	1,139,420	1,888,654
Carpets, mats and rugs.....	4	455	978,511	64,666	1,581,946	3,702,432
Cotton and wool waste.....	10	219	439,458	22,591	3,568,039	4,532,614
Dyeing and finishing of textiles.....	10	351	835,396	52,649	217,793	1,663,768
Laces, tapes and bindings.....	12	198	314,030	9,343	508,869	1,018,288
Miscellaneous cotton goods.....	37	820	1,365,341	33,045	3,267,283	5,503,013
Miscellaneous textiles.....	3	506	1,192,187	84,599	3,766,343	6,938,231
Miscellaneous woollen goods.....	14	438	1,052,725	66,485	7,249,034	9,596,075
Woollen cloth.....	8	694	1,510,569	70,976	4,596,575	6,850,957
Woollen yarn.....	7	974	1,773,720	86,507	4,472,643	7,001,964
All other industries ³	6	320	503,124	22,040	1,085,200	1,858,801
Totals.....	137	5,440	10,717,183	540,090	34,134,961	53,782,947
Clothing, (Textile and Fur)—						
Clothing contractors, men's.....	17	192	402,372	3,402	61,531	522,605
Clothing contractors, women's.....	20	195	347,653	7,273	32,389	460,232
Clothing, men's factory.....	116	6,939	13,241,453	116,539	23,182,004	43,830,303
Clothing, women's factory.....	336	7,898	16,139,002	130,010	26,668,723	53,123,988
Corsets.....	17	937	1,367,858	9,864	1,950,654	4,382,834
Fur dressing and dyeing.....	5	323	616,428	19,366	231,039	1,125,845
Fur goods.....	191	1,813	4,727,203	44,534	14,885,541	22,531,317
Hats and caps.....	61	1,123	2,051,836	38,334	2,644,102	5,949,240
Hosiery and knitted goods.....	51	3,406	6,170,594	183,219	9,989,931	19,778,955
Oiled and waterproofed clothing.....	3	134	241,823	1,296	374,906	839,415
All other industries.....	1	29	39,907	437	62,414	133,800
Totals.....	818	22,989	45,346,129	554,274	80,083,234	152,678,534
Wood Products—						
Boxes and baskets.....	8	402	756,865	9,201	1,239,853	2,908,031
Coffins and caskets.....	3	116	216,517	8,941	290,253	647,221
Furniture.....	200	3,532	7,120,730	185,219	11,961,385	23,562,986
Hardwood flooring.....	3	177	426,507	27,721	704,307	1,522,704
Miscellaneous wood products.....	75	901	1,698,044	50,974	1,876,901	4,476,129
Planing mills, sash and door factories.....	39	885	1,715,328	61,544	5,081,995	7,772,444
Refrigerators, other than electric	3	44	83,897	1,747	105,055	218,827
Sawmills.....	6	29	65,135	5,665	92,714	194,764
Woodenware.....	3	9	12,946	186	19,867	39,308
Woodturning.....	7	25	39,538	2,116	34,587	97,479
All other industries ⁴	4	95	178,310	5,227	268,748	619,344
Totals.....	351	6,215	12,313,817	358,541	21,675,665	42,059,237
Paper Products—						
Boxes and bags.....	44	3,742	7,428,506	218,655	19,689,396	33,408,674
Miscellaneous paper products ⁵	64	3,157	6,476,284	306,943	12,961,790	25,992,496
Pulp and paper mills.....	8	1,271	4,593,833	1,096,800	8,072,245	14,712,806
Totals.....	116	8,170	18,498,623	1,622,398	40,723,431	74,113,976

For footnotes, see end of table, p. 117.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1948—con.

GREATER TORONTO—continued

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	¢
Printing, Publishing and Allied Industries—						
Engraving, stereotyping and electrotyping.....	41	1,833	5,451,841	86,018	1,843,776	9,492,877
Lithographing.....	23	1,483	3,759,541	56,016	5,039,433	11,269,689
Printing and bookbinding.....	350	7,579	15,870,318	306,313	16,762,066	44,932,519
Printing and publishing.....	41	5,871	15,176,020	306,313	15,331,539	44,764,890
Trade composition.....	17	309	846,805	11,723	119,102	1,354,872
Totals.....	472	17,075	41,104,525	766,383	39,095,916	111,794,847
Iron and Its Products—						
Boilers, tanks and plate work...	10	2,383	6,558,555	295,040	6,840,225	19,344,556
Bridge and structural steel.....	4	913	2,601,296	101,119	4,051,232	8,409,510
Hardware, tools and cutlery.....	75	2,617	5,915,044	333,677	5,494,611	14,704,029
Heating and cooking apparatus...	21	1,622	3,690,166	136,395	4,028,746	11,772,758
Iron castings.....	17	2,132	5,566,083	374,881	5,336,286	15,602,744
Machinery ⁶	83	10,782	26,915,909	741,973	42,260,610	95,535,428
Machine shops.....	77	754	1,476,000	53,442	858,249	3,543,177
Miscellaneous iron and steel pro- ducts.....	53	1,114	2,315,616	60,947	1,653,915	5,279,737
Sheet metal products.....	66	5,083	11,082,087	526,117	20,131,649	40,185,067
Wire and wire goods.....	24	316	714,953	58,660	1,654,338	3,107,303
Totals.....	430	27,716	66,835,709	2,682,251	92,309,861	217,484,309
Transportation Equipment—						
Automobile parts.....	30	3,005	6,726,300	372,907	7,678,041	19,506,244
Bicycles and parts.....	4	691	1,501,908	98,485	2,324,740	4,946,468
Railway rolling-stock.....	4	1,192	2,890,210	103,962	3,171,361	6,709,151
All other industries ⁷	7	1,026	2,555,601	114,730	3,812,275	7,062,299
Totals.....	45	5,914	13,674,019	690,084	16,986,417	38,224,162
Non-ferrous Metal Products—						
Aluminum products.....	24	1,556	3,095,962	219,273	3,682,507	9,377,452
Brass and copper products.....	43	2,932	7,502,963	630,221	23,352,075	36,169,384
Jewellery and silverware.....	75	1,941	4,131,042	112,168	14,458,718	21,211,999
Miscellaneous non-ferrous metal products.....	10	796	1,765,384	35,636	3,016,067	6,125,336
White metal alloys.....	13	1,147	2,625,252	318,493	15,508,442	20,850,361
Totals.....	165	8,352	19,120,603	1,315,791	60,017,809	93,734,532
Electrical Apparatus and Supplies.....	129	16,708	37,795,427	1,371,159	75,743,440	158,840,915
Non-metallic Mineral Products—						
Cement products.....	34	464	1,019,852	118,571	1,730,462	4,496,461
Clay products from imported clays.....	6	65	135,174	15,890	276,691	749,903
Glass products.....	30	631	1,323,152	176,794	1,359,969	3,982,896
Miscellaneous non-metallic min- eral products.....	12	310	741,763	52,099	1,811,087	3,198,611
Sand-lime brick.....	3	148	338,090	52,815	280,783	1,147,310
Stone products.....	22	517	1,202,181	219,156	1,812,331	4,704,618
Clay products from domestic clay.....	6	340	739,163	374,076	55,302	1,636,809
All other industries ⁸	4	34	64,018	14,241	114,700	247,852
Totals.....	117	2,509	5,563,393	1,023,642	7,441,325	20,164,460
Products of Petroleum and Coal⁹ ..	8	1,798	4,142,430	1,795,500	22,985,504	37,748,520
Chemicals and Allied Products—						
Acids, alkalis and salts.....	4	120	298,212	166,256	1,682,611	2,898,673
Adhesives.....	11	385	990,717	192,155	2,280,166	4,021,467
Gases, compressed.....	10	306	712,813	123,380	494,203	2,486,290
Inks, writing and printing.....	17	512	1,463,834	57,806	3,316,427	7,145,338

For footnotes, see end of table, p. 117.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1948—con.

GREATER TORONTO—concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Chemicals and Allied Products— concluded						
Medicinal and pharmaceutical preparations.....	61	2,314	4,227,994	114,715	8,075,568	17,920,714
Miscellaneous chemical products	57	565	1,347,748	193,397	8,905,652	13,388,338
Paints and varnishes.....	39	1,843	4,393,005	237,487	16,627,893	31,019,298
Polishes and dressings.....	20	258	464,323	19,532	1,619,674	3,229,003
Soaps, washing and cleaning pre- parations.....	29	2,012	4,976,606	461,468	21,863,473	42,200,151
Toilet preparations.....	35	832	1,377,526	26,573	3,267,826	9,001,956
Vegetable oil mills.....	3	322	843,752	192,284	19,734,297	24,412,009
All other industries ¹⁰	6	401	1,014,440	259,460	4,577,289	7,675,002
Totals.....	292	9,870	22,110,970	2,044,513	92,445,079	165,398,239
Miscellaneous Manufacturing Industries—						
Artificial flowers and feathers...	12	199	241,014	5,360	193,217	488,528
Brooms, brushes and mops.....	11	397	765,230	11,888	1,380,430	2,905,027
Buttons.....	4	213	371,104	6,679	287,741	850,756
Fountain pens and pencils.....	6	618	1,102,406	19,497	899,807	2,536,237
Hair goods, animal and human...	6	73	126,546	5,330	264,761	460,238
Ice, manufactured.....	17	155	351,439	118,940	39,291	1,804,484
Lamps, electric and lampshades	22	439	699,821	19,113	970,910	2,292,506
Miscellaneous industries.....	4	113	186,302	6,165	163,429	522,175
Musical instruments.....	10	334	604,965	28,295	631,279	1,411,900
Pipes and other smoker's supplies	3	241	427,471	6,886	719,996	2,550,496
Plastic products, fabricated.....	28	1,442	2,263,213	49,685	3,090,948	8,620,611
Scientific and professional instru- ments and equipment.....	29	2,177	5,552,461	184,272	7,180,742	18,558,126
Signs, neon and other.....	10	311	705,572	17,209	679,340	1,970,777
Sporting goods.....	14	495	1,148,713	24,163	1,047,631	2,525,836
Stamps and stencils, rubber and metal.....	9	246	526,454	10,477	288,354	1,137,973
Statuary, art goods and novelties	38	487	768,114	21,060	958,399	2,373,642
Toys and games.....	24	934	1,533,582	25,404	1,956,366	4,664,548
Typewriter supplies.....	5	272	572,408	16,087	1,143,186	2,507,626
Umbrellas.....	4	89	122,415	1,493	349,860	636,357
All other industries.....	1	1	2,388	390	20,379	27,252
Totals.....	257	9,236	18,071,618	579,393	22,266,066	58,845,095
Grand Totals, Greater Toronto.....	3,965	177,759	391,683,554	20,538,160	935,373,408	1,727,047,481

¹ Also, malt and malt products, 2.² Also, boot and shoe findings, leather, 1.³ Includes: Cordage, rope and twine, 1; cotton batting and wadding, 1; cotton thread, 1; cotton yarn and cloth, 2; synthetic textiles and silk, 1.⁴ Including: cooperage, 2; excelsior, 1; lasts, trees and other shoe findings, 1.⁵ Also, roofing paper, 2.⁶ Also, agricultural implements, 3.⁷ Includes: Aircraft and aircraft parts, 2; automobiles, 1; boatbuilding, 2; shipbuilding and repairs, 2.⁸ Includes: Abrasive products, 1; asbestos products, 2; salt, 1.⁹ Includes: Coke and gas products, 1; petroleum products, 7.¹⁰ Includes: Coal tar distillation, 2; fertilizers, 2; plastics, primary, 2.

GREATER HAMILTON

Foods and Beverages—						
Biscuits and crackers.....	3	125	175,381	24,610	313,699	708,440
Bread and other bakery products	53	1,342	2,478,648	204,150	3,545,780	7,261,632
Butter and cheese.....	3	383	908,402	64,870	2,215,627	3,805,904
Carbonated beverages.....	14	209	375,091	37,574	640,867	1,625,746
Confectionery.....	8	220	369,648	21,234	975,644	2,506,929
Flour and feed mills.....	5	9	9,264	3,122	217,316	255,245
Fruit and vegetable preparations	15	932	1,632,324	98,116	5,212,293	7,733,344
Miscellaneous foods.....	12	303	442,758	19,088	2,097,080	3,114,855
Slaughtering and meat packing..	6	714	1,628,011	141,251	21,113,024	24,542,752
All other industries ¹	6	136	309,264	26,950	539,019	1,701,360
Totals.....	125	4,373	8,328,791	640,965	36,870,349	53,256,207

For footnotes, see end of table, p. 119.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1948—con.**GREATER HAMILTON—continued**

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Leather Products².....	5	20	36,581	906	80,389	178,590
Textile Products (Except Clothing)—						
Canvas products.....	3	56	82,058	1,009	63,535	163,683
Cotton yarn and cloth.....	5	2,148	3,443,069	274,958	8,610,528	15,113,674
All other industries ³	10	782	1,533,072	102,269	4,435,702	7,201,843
Totals.....	18	2,986	5,058,199	378,236	13,109,765	22,479,200
Clothing (Textile and Fur)—						
Clothing, men's factory.....	7	870	1,412,654	21,175	1,877,717	4,180,184
Fur goods.....	8	45	107,376	4,217	231,485	509,430
Hosiery and knitted goods.....	8	3,664	6,028,927	203,148	7,984,986	18,005,699
All other industries ⁴	5	161	223,244	3,009	198,886	549,697
Totals.....	28	4,740	7,772,201	231,549	10,293,074	23,245,010
Wood Products—						
Furniture.....	13	89	153,757	7,962	135,878	365,846
Miscellaneous wood products.....	6	32	93,576	2,733	45,314	166,571
Planing mills, sash and door fac- tories.....	7	141	290,711	15,635	697,339	1,258,387
All other industries ⁵	9	173	309,796	10,795	541,372	1,066,716
Totals.....	35	435	847,840	37,125	1,419,903	2,857,520
Paper Products—						
Boxes and bags.....	12	624	1,185,490	63,017	4,222,024	6,547,954
Miscellaneous paper products ⁶	10	897	1,869,046	79,101	5,044,492	10,612,993
Totals.....	22	1,521	3,054,536	142,118	9,266,516	17,160,947
Printing, Publishing and Allied Industries—						
Engraving, stereotyping and elec- trotyping.....	6	111	331,594	5,159	84,930	603,140
Printing and bookbinding.....	48	556	1,260,583	36,303	1,869,957	3,998,109
All other industries ⁷	5	520	1,393,175	24,925	1,449,210	4,505,575
Totals.....	59	1,187	2,985,352	66,387	3,404,097	9,106,824
Iron and Steel Products—						
Hardware, tools and cutlery....	17	1,035	2,343,422	153,296	3,111,173	8,331,224
Iron castings.....	4	452	1,134,067	51,221	2,208,863	3,954,771
Machinery.....	18	2,104	4,926,758	188,643	5,484,663	17,929,274
Machine shops.....	10	92	190,073	8,446	62,446	323,360
Miscellaneous iron and steel pro- ducts.....	14	113	210,433	11,726	209,666	643,063
Primary iron and steel.....	10	9,499	27,029,622	11,294,774	60,031,463	109,325,892
Sheet metal products.....	18	1,323	2,735,454	179,149	8,420,189	13,502,653
Wire and wire goods.....	13	2,727	6,613,265	453,233	6,611,886	22,991,552
All other industries ⁸	7	3,771	9,302,347	542,697	11,856,750	24,360,897
Totals.....	111	21,116	54,485,441	12,883,185	97,997,099	201,362,686
Transportation Equipment⁹.....	8	1,960	5,622,537	489,282	13,225,419	27,244,117

For footnotes, see end of table, p. 119.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1948—con.

GREATER HAMILTON—concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Non-ferrous Metal Products—						
Brass and copper products.....	10	615	1,359,080	57,933	1,333,347	3,618,235
Jewellery and silverware.....	5	439	1,065,945	26,055	619,214	1,709,319
Miscellaneous non-ferrous metal products.....	3	13	28,272	63	34,039	90,357
All other industries ¹⁰	5	320	730,842	80,996	1,291,055	2,447,382
Totals.....	23	1,387	3,184,139	165,047	3,277,655	7,865,293
Electrical Apparatus and Supplies	16	7,074	16,776,467	592,604	14,256,546	51,516,305
Non-metallic Mineral Products—						
Abrasive products.....	3	172	486,461	32,167	472,082	1,993,101
Cement products.....	13	142	209,397	20,211	177,832	512,526
Clay products from imported clays.....	4	846	1,908,342	244,839	941,270	4,594,146
Glass products.....	4	869	1,851,229	661,469	2,048,843	5,383,936
Stone products.....	5	90	388,315	19,816	125,346	570,200
Clay products from domestic clay.....	5	138	384,696	127,147	9,544	655,927
All other industries ¹¹	4	25	54,054	2,841	334,316	494,604
Totals.....	38	2,282	5,282,494	1,108,490	4,109,233	14,204,440
Products of Petroleum and Coal...	5	802	1,989,623	2,093,186	14,652,105	26,467,285
Chemicals and Allied Products—						
Miscellaneous chemical products.	6	51	194,724	10,287	360,992	765,125
Polishes and dressings.....	4	50	109,389	4,732	282,211	583,478
Toilet preparations.....	3	41	70,540	1,590	120,180	238,242
All other industries ¹²	18	1,068	2,872,069	465,749	23,149,598	31,101,725
Totals.....	31	1,210	3,246,722	482,358	23,912,981	32,688,570
Miscellaneous Manufacturing Industries—						
Brooms, brushes and mops.....	6	318	675,629	17,369	956,473	2,193,139
Sporting goods.....	3	15	21,880	712	25,503	53,184
All other industries ¹³	9	130	233,161	23,396	71,264	429,320
Totals.....	18	463	930,670	41,477	1,053,240	2,675,643
All other Major Groups¹⁴.....	4	2,103	4,877,615	288,521	14,875,634	30,099,424
Grand Totals, Greater Hamilton.	546	53,659	124,479,208	19,641,436	261,804,005	522,408,061

¹ Includes: Dairy products, other, 2; macaroni and spaghetti, 1; malt liquors, 1; sausage and sausage casings, 1; wines, 1.² Includes: Belting, leather, 2; miscellaneous leather products, 3.³ Includes: Bags, cotton and jute, 2; carpets, mats and rugs, 1; cordage, rope and twine, 1; dyeing and finishing of textiles, 1; miscellaneous cotton goods, 1; miscellaneous woollen goods, 2; thread, cotton, 1; woollen yarn, 1.⁴ Includes: Hats and caps, 2; corsets, 1; clothing, women's factory, 2.⁵ Includes: Boxes and baskets, wood, 2; coffins and caskets, 2; cooperage, 1; hardwood flooring, 1; refrigerators, other than electric, 1; sawmills, 1; woodenware, 1.⁶ Also, roofing paper, 2.⁷ Includes: Lithographing, 2; printing and publishing, 1; trade composition, 2.⁸ Includes: Agricultural implements, 2; boilers, tanks and platemwork, 1; fabricated and structural steel, 2; heating and cooking apparatus, 2.⁹ Includes: Automobiles, 1; automobile parts, 3; boatbuilding, 1; railway rolling-stock, 3.¹⁰ Includes: Aluminum products, 3; white metal alloys, 2.¹¹ Includes: Asbestos products, 2; miscellaneous non-metallic mineral products, 2.¹² Includes: Acids, alkalies and salts, 1; coal tar distillation, 1; fertilizers, 1; gases, compressed, 2; medicinal and pharmaceutical preparations, 2; paints and varnishes, 2; soaps, washing and cleaning compounds, 8; vegetable oil mills, 1.¹³ Includes: Ice, manufactured, 2; plastic products, 1; scientific and professional instruments and equipment, 2; stamps and stencils, rubber and metal, 2; statuary, art goods and novelties, 1; toys and games, 1.¹⁴ Includes: Rubber Products, 3; Tobacco and Tobacco Products—tobacco, cigars and cigarettes, 1.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1948—con.

GREATER WINDSOR

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Foods and Beverages—						
Bread and other bakery products	21	536	980,170	88,803	1,619,417	3,255,884
Butter and cheese	5	401	859,355	114,527	2,761,083	4,624,669
Carbonated beverages	6	85	139,130	20,361	321,757	739,277
Fruit and vegetable preparations	5	267	315,996	14,664	670,512	1,463,900
Miscellaneous foods	5	29	40,310	4,286	154,427	267,659
Slaughtering and meat-packing	3	130	308,560	34,826	3,771,657	4,271,657
All other industries ¹	10	1,133	2,723,642	323,365	9,098,059	25,598,779
Totals	55	2,581	5,367,163	600,832	18,396,883	40,221,825
Textile Products (Except Clothing)²	7	887	1,770,158	57,452	3,608,744	6,611,003
Clothing (Textile and Fur)—						
Fur goods	3	11	24,802	1,291	18,080	58,164
All other industries ³	4	126	166,771	4,294	438,903	719,068
Totals	7	137	191,573	5,585	456,983	777,232
Wood Products—						
Furniture	7	85	188,478	6,452	421,037	741,677
Miscellaneous wood products	6	64	105,050	5,870	110,014	340,942
Planing mills, sash and door factories	8	99	182,474	12,812	179,834	432,473
All other industries ⁴	5	68	122,883	5,294	225,926	444,509
Totals	26	316	598,885	30,428	936,811	1,959,601
Printing, Publishing and Allied Industries—						
Printing and bookbinding	23	188	394,562	10,328	344,755	995,188
All other industries ⁵	4	394	1,033,116	21,400	894,048	3,093,511
Totals	27	582	1,427,678	31,728	1,238,803	4,088,699
Iron and Steel Products—						
Hardware, tools and cutlery	16	569	1,699,580	49,591	1,224,391	4,169,051
Iron castings	8	1,065	2,699,860	237,966	2,240,058	6,515,626
Machinery	9	473	1,268,272	32,986	2,365,410	6,479,240
Machine shops	6	101	252,620	11,416	177,108	539,524
Miscellaneous iron and steel pro- ducts	10	630	2,022,239	290,680	3,232,154	8,102,923
Sheet metal products	7	395	935,306	30,911	1,904,231	3,663,345
All other industries ⁶	9	2,082	5,089,837	231,610	5,761,745	16,336,330
Totals	65	5,315	13,967,714	885,160	16,905,097	45,806,039
Transportation Equipment⁷	23	20,862	57,013,644	2,341,042	183,337,155	289,971,769
Non-ferrous Metal Products—						
Brass and copper products	4	102	304,747	14,805	252,099	828,245
Jewellery and silverware	3	39	93,219	705	103,556	244,818
All other industries ⁸	4	21	41,581	3,540	344,637	423,185
Totals	11	162	439,547	19,050	700,292	1,496,248
Non-metallic Mineral Products—						
Cement products	6	125	263,442	51,282	669,508	1,348,999
Glass products	3	65	142,342	23,309	363,212	992,219
All other industries ⁹	5	253	559,405	254,957	613,875	2,568,944
Totals	14	443	965,189	329,548	1,646,595	4,910,162

For footnotes, see end of table, p. 121.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1948—con.

GREATER WINDSOR—concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Chemical Products—						
Medicinal and pharmaceutical preparations.....	11	971	2,206,806	56,980	3,876,482	12,591,702
Miscellaneous chemical products.	6	30	55,487	4,392	185,413	403,004
Soaps, washing and cleaning com- pounds.....	8	27	54,338	4,124	121,316	266,065
Toilet preparations.....	5	29	55,343	1,985	108,712	248,968
All other industries ¹⁰	5	514	1,322,407	778,384	1,312,997	5,934,382
Totals.....	35	1,571	3,694,381	845,865	5,604,920	19,444,121
Miscellaneous Manufacturing Industries¹¹.....	12	292	574,127	87,871	379,899	1,701,028
All other Major Groups¹².....	5	144	370,746	20,428	1,150,786	1,984,409
Grand Totals, Greater Windsor...	287	33,292	86,380,805	5,204,989	234,362,968	418,975,136

¹ Includes: Confectionery, 1; distilled liquors, 1; malt liquors, 2; other dairy products, 2; prepared breakfast foods, 1; prepared stock and poultry feeds, 1; sausage and sausage casings, 2.

² Includes: Automobile accessories, fabric, 2; bags, cotton and jute, 2; canvas products, 1; cotton and wool waste, 1; cotton batting and wadding, 1.

³ Includes: Clothing, men's factory, 1; clothing, women's factory, 1; gloves and mittens, fabric, 2.

⁴ Includes: Boxes and baskets, wood, 2; sawmills, 2; woodturning, 1.

⁵ Includes: Lithographing, 1; printing and publishing, 2; trade composition, 1.

⁶ Includes: Agricultural implements, 2; fabricated and structural steel, 2; heating and cooking apparatus, 1; primary iron and steel, 1; wire and wire goods, 3.

⁷ Includes: Automobiles, 2; automobile parts, 2.

⁸ Includes: Aluminum products, 2; white metal alloys, 2.

⁹ Includes: Miscellaneous non-metallic mineral products, 2; salt, 1; stone products, 2.

¹⁰ Includes: Acids, alkalies and salts, 1; gases, compressed, 1; paints and varnishes, 3.

¹¹ Includes: Artificial flowers and feathers, 1; buttons, 1; ice, manufactured, 2; musical instruments, 1; scientific and professional instruments and equipment, 1; signs, neon and others, 1; sporting goods, 2; stamps and stencils, rubber and metal, 1; statuary, art goods and novelties, 2.

¹² Includes: Rubber Products, 1; Paper Products—boxes and bags, 1; miscellaneous paper products, 1; Electrical Apparatus and Supplies, 2.

GREATER WINNIPEG

Foods and Beverages—						
Foods—						
Bread and other bakery products	58	1,297	2,321,108	219,253	3,632,140	7,686,797
Breakfast foods, prepared.....	3	19	31,739	4,110	370,990	770,445
Butter and cheese.....	11	1,100	2,334,600	243,065	9,173,357	13,173,871
Confectionery.....	12	405	595,876	37,071	1,807,907	3,352,846
Feeds, stock and poultry.....	16	245	512,694	54,161	7,162,991	8,254,269
Flour and feed mills.....	8	521	965,499	132,911	21,353,928	24,501,660
Fruit and vegetable preparations.	9	221	361,303	35,582	1,233,529	1,909,686
Macaroni, spaghetti, etc.....	3	75	134,293	13,574	495,944	963,814
Miscellaneous foods.....	18	402	575,574	41,779	7,937,768	9,440,388
Sausage and sausage casings....	6	111	207,371	17,247	1,215,839	1,583,259
Slaughtering and meatpacking....	11	3,291	8,104,580	426,750	86,267,274	102,279,300
All other food industries ¹	9	586	1,226,405	303,232	6,367,088	11,168,727
Beverages—						
Carbonated beverages.....	13	359	602,989	93,452	1,564,371	4,380,872
Malt liquors.....	6	606	1,418,637	155,771	1,655,168	7,050,551
Totals.....	183	9,238	19,392,668	1,777,958	150,238,294	196,516,485
Leather Products—						
Boots and shoes.....	6	198	271,607	4,825	668,141	1,044,761
Gloves and mittens.....	11	219	292,337	3,984	705,941	1,174,931
Miscellaneous leather goods ²	14	263	392,818	17,339	1,078,784	1,620,458
Totals.....	31	680	956,762	26,148	2,452,866	3,840,150

Principal Statistics of the Manufacturing Industries, Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1948—con.

GREATER WINNIPEG—continued

Industry	Estab-lish-ments	Em-ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Textile Products (Except Clothing)—						
Bags, cotton and jute.....	5	218	426,042	16,708	5,394,544	7,056,715
Canvas products.....	4	43	78,804	3,566	185,064	286,977
Miscellaneous cotton goods.....	4	23	39,872	724	84,504	156,840
All other industries ³	3	71	139,525	8,024	99,895	450,887
Totals.....	16	355	684,243	29,022	5,764,007	7,951,419
Clothing (Textile and Fur)—						
Clothing, men's factory.....	33	2,052	2,748,388	40,673	6,910,840	12,085,496
Clothing, women's factory ⁴	45	1,983	3,438,698	37,618	7,588,525	14,065,621
Fur dressing and dyeing.....	4	199	419,258	6,863	115,533	719,030
Fur goods.....	60	736	1,389,785	15,317	4,500,957	6,542,386
Hats and caps.....	12	223	347,523	4,931	478,965	1,008,060
Hosiery and knitted goods.....	5	280	402,281	9,216	1,032,638	1,713,468
Totals.....	159	5,473	8,745,933	114,618	20,627,458	36,134,061
Wood Products—						
Boxes and baskets.....	6	330	564,638	23,392	828,376	1,643,299
Furniture.....	66	1,152	2,124,455	69,301	4,307,771	8,508,319
Miscellaneous wood products.....	13	86	120,805	3,385	211,617	440,203
Planing mills, sash and door factories.....	19	481	936,762	32,925	1,329,851	2,669,142
Woodenware.....	3	14	19,789	787	33,962	60,132
All other industries ⁵	11	171	296,135	16,779	601,782	1,107,157
Totals.....	118	2,234	4,062,584	146,569	7,313,359	14,428,252
Paper Products—						
Boxes and bags.....	8	488	981,885	41,252	3,450,306	5,569,295
Miscellaneous paper products ⁶	8	237	404,770	84,422	1,013,296	2,390,967
Roofing paper.....	4	143	297,221	46,021	1,263,827	2,264,028
Totals.....	20	868	1,683,876	171,695	5,732,429	10,224,290
Printing, Publishing and Allied Industries—						
Engraving, stereotyping and electrotyping.....	6	252	672,230	9,163	154,776	1,045,423
Printing and bookbinding ⁷	72	1,611	3,000,067	75,552	2,807,298	7,662,005
Printing and publishing.....	26	1,298	2,700,278	77,568	2,253,668	8,397,976
Trade composition.....	3	9	22,539	628	9,939	41,288
Totals.....	107	3,170	6,395,114	162,911	5,225,681	17,146,692
Iron and Steel Products—						
Agricultural implements.....	7	358	702,893	40,291	1,364,690	2,401,815
Hardware, tools and cutlery.....	5	30	29,727	2,308	36,845	94,937
Iron castings.....	7	678	1,591,369	111,636	1,376,802	4,807,406
Machinery.....	12	446	967,875	36,607	1,653,903	3,565,723
Machine shops.....	22	321	608,853	25,049	358,363	1,357,204
Miscellaneous iron and steel products.....	11	559	1,217,486	77,035	1,139,156	2,942,533
Sheet metal products.....	17	732	1,435,165	81,303	2,904,282	5,362,396
All other industries ⁸	7	534	1,217,782	48,193	2,188,878	7,177,127
Totals.....	88	3,658	7,771,150	422,422	11,022,919	27,709,141
Transportation Equipment—						
Automobile parts.....	5	135	256,511	13,379	379,344	742,976
Miscellaneous transportation equipment.....	4	65	124,195	4,272	139,207	341,926
Railway rolling-stock.....	3	3,386	8,330,488	381,118	7,868,401	16,945,978
All other industries ⁹	5	666	1,384,205	88,106	1,927,251	4,137,282
Totals.....	17	4,252	10,095,399	486,875	10,314,203	22,168,162

For footnotes, see end of table, p. 123.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1948—con.

GREATER WINNIPEG—concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Non-ferrous Metal Products—						
Aluminum products.....	3	20	28,124	1,960	20,301	57,770
Brass and copper products.....	6	177	386,716	45,882	1,631,855	2,561,271
All other industries ¹⁰	6	98	171,155	22,445	1,449,106	1,891,072
Totals.....	15	295	585,995	70,287	3,101,262	4,510,113
Electrical Apparatus and Supplies	14	576	941,776	55,226	2,551,022	5,460,060
Non-metallic Mineral Products—						
Cement products.....	6	71	113,364	10,475	103,793	271,690
Miscellaneous non-metallic min- eral products.....	5	28	63,241	10,953	80,610	273,683
Stone products.....	4	38	45,266	4,343	32,310	92,463
All other industries ¹¹	10	469	938,665	1,055,740	2,025,852	7,296,243
Totals.....	25	606	1,160,536	1,081,511	2,242,565	7,934,079
Products of Petroleum and Coal¹²	3	284	536,260	290,825	4,444,842	5,550,697
Chemicals and Allied Products—						
Gases, compressed.....	3	95	191,642	16,533	178,953	858,854
Medicinal and pharmaceutical preparations.....	7	165	289,948	11,312	643,276	1,765,222
Miscellaneous chemical products.....	5	53	79,294	2,997	384,614	900,003
Paints and varnishes.....	5	219	452,468	28,638	2,481,195	4,179,723
Soaps, washing and cleaning com- pounds.....	6	38	47,973	7,111	266,065	480,066
Toilet preparations.....	3	26	40,784	1,214	80,364	153,297
All other industries ¹³	6	66	113,453	27,499	1,196,953	1,460,818
Totals.....	35	662	1,215,562	95,304	5,231,420	9,797,983
Miscellaneous Manufacturing Industries—						
Brooms, brushes and mops.....	7	83	140,384	3,254	264,891	469,095
Plastic products, fabricated.....	3	13	18,621	387	20,874	51,281
Scientific and professional equip- ment and instruments.....	8	73	116,453	5,626	68,200	244,597
Signs, neon and other.....	7	151	337,760	36,176	177,016	975,348
Stamps and stencils, rubber and metal.....	4	15	33,056	304	11,482	60,464
Statuary, art goods and novelties.....	4	37	42,813	1,363	51,305	124,055
All other industries ¹⁴	8	72	98,010	16,493	121,782	411,055
Totals.....	41	444	787,097	63,603	715,550	2,335,895
Grand Totals, Greater Winnipeg..	872	32,795	65,014,955	4,994,974	236,977,877	371,707,479

¹ Includes: Animal oils and fats, 1; biscuits and crackers, 2; cheese, processed, 2; dairy products, other, 1; malt and malt products, 2; sugar, 1.

² Also, leather tanneries, 1.

³ Includes: Automobile accessories, fabric, 1; carpets, mats and rugs, 1; miscellaneous textiles, 1.

⁴ Also, clothing contractors, women's, 2.

⁵ Includes: Beekeepers' and poultrymen's supplies, 2; coffins and caskets, 2; cooperage, 2; excelsior, 2; refrigerators, other than electric, 1; sawmills, 1; wood preservation, 1.

⁶ Also, pulp and paper, 1.

⁷ Also, lithographing, 2.

⁸ Includes: Heating and cooking apparatus, 2; bridge and structural steel, 2; primary iron and steel, 1; wire, 2.

⁹ Includes: Aircraft and parts, 2; automobiles, 1; boatbuilding, 2.

¹⁰ Includes: Jewellery and silverware, 2; miscellaneous non-ferrous metal products, 2; white metal alloys, 2.

¹¹ Includes: Cement, Portland, 1; glass products, 2; gypsum products, 2; lime, 2; sand-lime brick, 1; clay products, 2.

¹² Includes: Coke and gas products, 1; petroleum products, 2.

¹³ Includes: Coal tar distillation, 2; inks, writing and printing, 2; vegetable oil mills, 2.

¹⁴ Includes: Artificial flowers and feathers, 1; hair goods, human and animal, 1; ice, manufactured, 1; lamps, electric and lamp shades, 2; musical instruments, 1; sporting goods, 1; toys and games, 1.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1948—con.

GREATER VANCOUVER

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Foods and Beverages—						
Biscuits and crackers.....	4	194	330,585	28,171	819,201	1,864,197
Bread and other bakery products	127	1,663	3,358,904	330,096	5,637,887	11,441,844
Breakfast foods, prepared.....	3	12	14,522	1,361	49,783	68,660
Butter and cheese.....	10	929	1,995,752	199,779	8,797,526	11,841,527
Carbonated beverages.....	9	190	365,978	47,094	638,599	1,800,208
Confectionery.....	25	324	461,997	29,956	918,407	1,737,455
Dairy products, other.....	7	163	255,390	36,487	1,014,090	1,696,394
Feeds, stock and poultry.....	8	301	564,170	57,948	7,768,369	8,954,970
Fish, canned and cured.....	20	952	1,773,965	129,827	9,618,549	13,168,095
Fruit and vegetable preparations	20	1,098	1,735,009	102,183	8,170,609	12,647,638
Macaroni and spaghetti.....	4	43	71,564	7,848	171,227	307,668
Malt liquors.....	3	486	1,227,226	92,570	1,656,091	7,918,594
Miscellaneous foods ¹	33	1,120	2,270,695	267,221	26,851,714	31,973,622
Sausage and sausage casings.....	4	76	167,541	8,143	816,432	1,122,805
Slaughtering and meatpacking...	9	1,250	3,145,911	235,588	35,105,160	40,204,196
All other industries ²	5	649	1,342,557	323,476	4,460,650	9,608,542
Totals.....	291	9,450	19,081,766	1,897,748	112,494,294	156,356,415
Tobacco and Tobacco Products...	3	17	26,073	88	6,872	16,174
Rubber Products— (incl. rubber footwear).....	3	10	12,426	305	9,425	54,057
Leather Products—						
Boots and shoes.....	10	251	416,877	12,606	615,596	1,337,654
Gloves and mittens.....	4	88	137,381	1,432	200,556	405,997
Miscellaneous leather products...	10	146	245,708	6,129	369,616	796,195
Tanneries.....	3	33	60,462	8,105	201,098	304,574
Totals.....	27	518	860,428	28,272	1,386,866	2,844,420
Textile Products— (Except Clothing)—						
Canvas products.....	7	175	284,473	13,934	486,692	985,645
Cotton and wool waste.....	3	25	44,149	6,233	154,546	225,099
Miscellaneous textiles.....	3	17	41,309	1,488	52,950	201,396
All other industries ³	9	350	699,418	45,673	2,675,264	4,497,530
Totals.....	22	567	1,069,349	67,328	3,369,452	5,909,670
Clothing—(Textile and Fur)—						
Clothing, men's factory.....	13	386	590,194	9,537	1,249,703	2,285,754
Clothing, women's factory.....	23	607	1,005,591	13,187	1,517,561	3,272,848
Fur goods.....	17	113	187,646	6,123	288,192	559,227
Hosiery and knitted goods.....	4	202	279,321	6,675	493,716	1,116,590
All other industries.....	2	24	31,077	509	31,368	64,653
Totals.....	59	1,332	2,093,829	36,031	3,580,540	7,299,072
Wood Products—						
Boxes and baskets.....	10	208	314,908	16,665	573,360	961,245
Coffins and caskets.....	6	75	118,881	5,891	376,238	633,489
Furniture.....	120	1,841	3,514,509	102,730	5,013,036	10,295,269
Miscellaneous wood products.....	28	244	503,359	11,660	1,608,038	2,850,560
Planing mills, sash and door fac- tories.....	54	1,277	2,719,705	98,132	5,723,779	10,298,595
Plywood and veneer.....	8	2,239	4,976,201	146,899	8,944,982	22,309,184
Sawmills.....	111	8,622	20,872,201	652,611	42,770,960	85,670,153
Woodenware.....	4	88	139,750	3,949	195,260	388,424
Woodturning.....	4	62	159,593	3,863	251,324	447,296
All other industries ⁴	10	355	730,294	84,406	2,690,737	4,246,340
Totals.....	355	15,011	31,049,401	1,126,806	68,147,714	138,100,555

For footnotes, see end of table, p. 126.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1948—con.

GREATER VANCOUVER—continued

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Paper Products—						
Boxes and bags.....	9	640	1,301,510	60,656	5,191,710	8,190,276
Miscellaneous paper products.....	14	579	1,200,207	36,595	4,992,161	7,586,297
All other industries ⁵	5	1,029	3,160,117	986,554	6,766,452	14,519,306
Totals.....	28	2,248	5,661,834	1,083,805	16,950,323	30,295,879
Printing, Publishing and Allied Industries—						
Engraving, stereotyping and elec- trotyping.....	7	161	403,773	8,866	130,317	733,454
Lithographing.....	8	223	491,254	14,890	602,492	1,433,159
Printing and bookbinding.....	93	962	2,120,102	48,920	1,461,885	4,475,712
Printing and publishing.....	11	1,500	3,775,171	71,250	2,940,047	9,480,671
All other industries.....	2	24	62,022	3,236	11,204	96,068
Totals.....	121	2,870	6,852,322	147,162	5,145,945	16,219,064
Iron and Steel Products—						
Boilers, tanks and platemwork.....	6	199	557,382	34,341	1,889,927	3,076,208
Hardware, tools and cutlery.....	14	488	1,093,766	62,067	741,283	2,618,768
Heating and cooking apparatus.....	9	135	309,909	11,129	243,697	665,798
Iron castings.....	14	515	1,191,510	59,339	979,707	2,968,579
Machinery.....	34	1,804	4,332,959	150,288	4,450,819	12,569,981
Machine shops.....	46	489	1,168,803	41,227	771,062	2,448,365
Miscellaneous iron and steel pro- ducts ⁶	23	1,111	3,017,376	139,551	5,771,401	10,655,131
Primary iron and steel.....	4	198	447,369	50,848	239,623	912,039
Sheet metal products.....	25	823	2,110,924	105,315	6,585,175	10,674,017
Wire and wire goods.....	9	366	828,353	35,678	2,770,038	4,642,738
All other industries.....	1	18	40,286	210	270,090	427,170
Totals.....	185	6,146	15,098,637	689,993	24,712,822	51,658,794
Transportation Equipment—						
Automobile parts.....	10	194	476,830	18,984	668,314	1,361,570
Boatbuilding.....	29	166	314,489	8,008	249,786	687,732
Shipbuilding and repairs.....	17	2,975	8,051,911	283,865	1,875,349	20,051,087
All other industries.....	4	409	917,778	56,685	1,129,205	2,491,139
Totals.....	60	3,744	9,761,008	367,542	3,922,654	24,591,528
Non-ferrous Metal Products—						
Brass and copper products.....	15	250	626,711	25,874	436,212	1,264,902
Jewellery and silverware.....	7	88	182,973	1,397	125,018	376,472
All other industries ⁷	4	103	247,823	19,423	1,270,263	1,829,654
Totals.....	26	441	1,057,507	46,694	1,831,493	3,471,028
Electrical Apparatus and Supplies	20	454	973,945	24,958	1,346,601	3,037,727
Non-metallic Mineral Products—						
Cement products.....	12	207	432,893	29,583	804,829	1,556,292
Glass products.....	7	134	205,265	8,877	219,397	491,448
Miscellaneous non-metallic min- eral products.....	4	52	93,912	7,804	142,103	298,088
Stone products.....	7	58	105,527	5,361	71,526	279,608
All other industries.....	7	132	326,429	70,268	1,193,920	2,317,275
Totals.....	37	583	1,164,026	121,893	2,431,775	4,942,711

For footnotes, see end of table, p. 126.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1948—conc.

GREATER VANCOUVER—concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Products of Petroleum and Coal¹	4	593	1,455,915	601,559	12,704,481	19,469,192
Chemicals and Allied Products—						
Fertilizers.....	5	61	144,925	9,335	715,711	1,225,192
Gases, compressed.....	3	103	235,575	30,108	204,394	963,136
Miscellaneous chemical products	7	40	63,122	2,717	146,164	251,243
Paints and varnishes.....	9	202	436,383	19,536	1,467,057	2,641,144
Soaps, washing and cleaning com- pounds.....	21	79	143,988	6,098	226,865	727,060
Toilet preparations.....	3	7	9,078	580	6,872	20,934
All other industries.....	11	163	363,342	58,575	9,092,672	10,743,207
Totals.....	59	655	1,396,413	126,949	11,859,735	16,571,916
Miscellaneous Manufacturing Industries—						
Brooms, brushes and mops.....	4	91	180,093	3,440	224,944	520,581
Ice, manufactured.....	6	127	285,076	55,199	15,062	702,372
Musical instruments.....	4	4	5,989	376	5,851	15,383
Plastic products, fabricated.....	8	56	109,706	6,399	107,376	266,576
Scientific and professional equip- ment and supplies.....	4	12	24,436	647	11,581	55,492
Signs, neon and other.....	6	283	753,898	21,120	469,222	1,950,002
Sporting goods.....	3	11	16,285	254	11,812	28,105
Stamps and stencils, rubber and metal.....	7	57	101,215	4,254	43,089	211,318
Statuary, art goods and novelties	3	30	34,418	529	13,509	60,726
All other industries ²	5	84	138,277	4,670	152,339	405,710
Totals.....	50	755	1,649,393	96,888	1,054,785	4,216,265
Grand Totals, Greater Vancouver	1,350	45,394	102,264,272	6,464,021	270,955,777	485,054,467

¹ Also, sugar, 1.² Includes: Distilled liquors, 2; flour and feed mills, 2; wines, 1.³ Includes: Bags, cotton and jute, 2; carpets, mats and rugs, 1; cordage, rope and twine, 1; cotton batting and wadding, 1; miscellaneous woollen goods, 1; woollen cloth, 3.⁴ Includes: Beekeepers' and poultrymen's supplies, 1; cooperage, 2; hardwood flooring, 1; refrigerators, other than electric, 2; wood products, 4.⁵ Includes: Pulp and paper, 3; roofing paper, 2.⁶ Also, bridge and structural steel, 2.⁷ Includes: Aluminum products, 1; white metal alloys, 3.⁸ Includes: Coke and gas products, 1; petroleum products, 3.⁹ Includes: Hair goods, animal and human, 1; lamps, electrical and lamp shades, 2; miscellaneous industries, 1; umbrellas, 1.

APPENDIX II

Alphabetical List of the Products Reported as having been Manufactured in Canada in 1948

The appended list of the products of Canadian manufacturing industries presents the value and in most cases the quantity of the individual products in a much more detailed form. Prior to 1927, in presenting statistics of manufacturing production, the whole production of an establishment was taken as a unit. This not only prevented the presentation of production figures for specific products in detail, but also involved numerous inaccuracies in the production statistics of classes of commodities, owing to the fact that commodities which may be the major line of production in one establishment may also be products of secondary importance in another establishment where the major line of production puts the establishment into a different class. The statistics which follow, however, have been compiled by taking from the individual returns of each of the 33,447 manufacturing establishments covered, the value and, when given, the quantity of each commodity specified as produced by the establishment. In this way, detailed production figures are obtained for specific commodities and, furthermore, the total production of each commodity is brought together, no matter how varied may be the operations in different establishments producing it. Nevertheless it should be pointed out to those making use of these figures that there is one element of incompleteness about them. In the returns of many manufacturers, products of minor importance are grouped under the name "all other products". As will be seen from the group at the end of the list, the value of products not specified, while they may appear unimportant to the individual manufacturer, are, in the aggregate, a large amount, especially in the industries of the iron and steel group. It is obvious that one manufacturer may consider a product of insufficient importance to report separately for his establishment, while that same product may be reported separately by other establishments. In other words, included in the value of other products not specified at the end of the list, there are doubtless values which, had the products been specified by the manufacturer, would have been included in the values of commodities appearing on the list. However, the products not specified total only about 1.4 per cent in value of the whole manufacturing production, although in the iron and steel group this proportion is 4.4 per cent. With the exception of this group, therefore, the incompleteness of the figures on this account is insignificant.

There is no duplication in the listing of products, nor do any of the items, include products listed in more detail under another name. It is possible, however, that essentially the same commodity produced in different establishments may have been called by different names; in such a case, which is probably a very rare one, the items would appear separately in the following list.

Alphabetical Lists of Products Manufactured in Canada, 1948

Items	Unit of Measure	Quantity	Value
			\$
Abrasive cloth.....	—	—	*
Abrasive paper.....	—	—	*
Abrasive wheels and segments.....	—	—	3,703,470
Accelerators, synthetic.....	—	—	*
Acetaldehyde.....	—	—	*
Acetic anhydride.....	—	—	*
Acetone.....	—	—	*
Acetylene.....	cu. ft.	180,311,232	3,640,576
Acid, acetic.....	—	—	*
Acid, cresylic.....	—	—	*
Acid, fatty, coconut, tallow, etc.....	lb.	3,727,666	758,390
Acid, hydrochloric (muriatic).....	—	—	*
Acid, hydrofluosilicic.....	—	—	*
Acid, naphthenic.....	—	—	*
Acid, nitric.....	—	—	*
Acid, phosphoric.....	—	—	*
Acid, stearic.....	—	—	*
Acid, sulphuric.....	lb.	1,256,487,789	5,447,816
Acids, not specified.....	—	—	*
Adhesives, n.e.s.....	—	—	681,673
Advertising matter, printed, n.e.s.....	—	—	26,172,575
Advertising novelties and displays (See "Displays" and "Novelties").....	—	—	*
Agitators, mining and metallurgical.....	—	—	*
Agricultural implements and parts, n.e.s.....	—	—	14,701,827
Air conditioning equipment.....	—	—	2,306,078
Aircraft, including parts and repairs.....	—	—	34,619,868
Alcohol, butyl.....	—	—	*
Alcohol, industrial denatured.....	Made prf. gal.	5,778,978	4,408,710
	Sold " "	7,200,731	5,503,556
Alcohol, industrial, not denatured.....	Made " "	3,300,794	1,868,189
	Sold " "	2,755,642	1,802,982
Alkylate.....	—	—	*
Alloy, die casting.....	lb.	10,559,801	1,743,199
Almond paste.....	" "	181,241	69,957
Alumina, fused (crude).....	ton	144,838	15,309,651
Alumina, fused (abrasive grains).....	—	—	*
Aluminum fluoride.....	—	—	*
Aluminum sulphate and stearate.....	—	—	*
Aluminum products, not elsewhere specified.....	—	—	6,881,331
Ammonia, anhydrous.....	—	—	*
Ammonia, aqua.....	—	—	*
Ammonia, liquor.....	—	—	*
Ammonia, powder.....	lb.	3,144,082	129,307
Ammonium chloride.....	—	—	*
Ammonium hydroxide.....	—	—	*
Ammonium nitrate.....	—	—	*
Ammonium phosphate.....	—	—	*
Ammonium sulphate.....	ton	216,473	8,647,006
Ammunition (See Munitions and Supplies).....	—	—	*
Amyl acetate.....	—	—	*
Anti-freeze preparations, glycol type.....	gal.	2,013,205	5,046,482
Anti-freeze, alcohol type, (included with "Denatured alcohol").....	—	—	*
Apple butter.....	lb.	50,111	5,943
Apple pomace, chop and waste.....	" "	1,884,267	37,154
Apple products, not specified.....	—	—	1,214,823
Apples, evaporated and dehydrated.....	lb.	3,384,609	583,103
Aprons, rubber and rubberized.....	doz.	18,339	98,980
Aprons, other—	—	—	*
Children's.....	doz.	19,509	101,697
Men's and youths'.....	" "	17,270	172,581
Women's and misses'.....	" "	157,799	933,583
Not specified.....	—	—	147,308
Artware, pottery (See also "Pottery").....	—	—	186,810
Art needlework.....	—	—	196,801
Art work (printing).....	—	—	2,583,127
Asbestos products, clutch facings, gaskets, etc.....	—	—	1,491,514
Asphalt.....	Imp. gal.	139,260,968	17,712,576
Asphalt, emulsion.....	" "	9,620,327	1,306,308
Asphalt compound.....	—	—	*
Atomizers.....	—	—	*

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Automobiles, commercial—			
5,000 lbs. or less—			
For sale in Canada.....	No.	32,237	35,733,536
For export.....	"	8,358	7,185,885
5,001 to 10,000 lbs.—			
For sale in Canada.....	No.	14,626	17,685,389
For export.....	"	3,411	3,004,570
10,001 to 14,000 lbs.—			
For sale in Canada.....	No.	9,846	14,215,020
For export.....	"	9,124	10,091,022
14,001 to 16,000 lbs.—			
For sale in Canada.....	No.	13,326	23,156,581
For export.....	"	2,366	2,354,373
16,001 to 19,500 lbs.—			
For sale in Canada.....	No.	1,443	3,370,197
19,501 to 26,000 lbs.—			
For sale in Canada.....	No.	899	3,428,523
Over 26,000 lbs.—			
For sale in Canada.....	No.	511	3,432,711
Other, not specified.....	"	28	356,045
Automobiles, passenger—			
Permanent closed cars—			
Coupe—			
For sale in Canada.....	No.	16,694	23,022,918
For export.....	"	1,301	1,402,182
2 Door Sedan—			
For sale in Canada.....	"	40,722	49,842,973
For export.....	"	16	19,424
4 Door Sedan—			
For sale in Canada.....	"	77,598	111,354,860
For export.....	"	14,055	14,747,093
Other closed—			
For sale in Canada.....	"	285	634,700
Buses or coaches—			
Complete.....	"	921	14,369,084
Chassis only.....	"	10	6,233
Automobiles, not specified.....	—	—	243,018
Automobile bodies and cabs.....	—	—	10,314,950
Automobile chassis—			
For sale in Canada.....	No.	17	16,145
For export.....	"	16,131	9,759,217
Automobile cloth.....	yd.	1,145,105	2,954,842
Automobile headlights and parts.....	—	—	2,500,379
Automobile parts and accessories, not specified.....	—	—	95,529,300
Awnings and verandah curtains.....	—	—	1,702,817
Axes and hatchets.....	No.	873,770	1,021,340
Axles and shafts, automobile.....	—	—	3,809,093
Axles and parts, not specified.....	—	—	*
Babies' high chair sets, commodes and other baby supplies.....	—	—	354,427
Babbit metal.....	lb.	5,496,104	1,840,169
Badges, rosettes, buttons, etc.....	—	—	741,354
Bags—			
Cotton.....	doz.	3,181,926	8,549,573
Jute.....	"	6,604,772	19,709,268
Cosmetic.....	—	—	108,914
Garment.....	doz.	10,946	250,702
Sleeping.....	No.	14,301	308,606
Hand, leather.....	"	405,505	2,017,057
" other.....	"	2,238,684	4,141,487
Shopping, sports, etc., leather.....	"	57,546	426,687
" other.....	"	829,771	271,687
Club bags, suit cases and other hand luggage.....	—	—	4,434,442
Tea bags, individual.....	—	—	*
School bags.....	doz.	210,631	206,829
Fabric bags, not specified.....	—	—	564,918
Fabric bags repaired.....	—	—	3,314,596
Bags, paper—			
Glassine and cellophane.....	—	—	2,301,764
Millinery, garment and laundry.....	—	—	870,546
Self-opening.....	—	—	5,400,476
Wedge.....	—	—	1,313,853
Paper, not specified (incl. multi-wall).....	—	—	13,719,957

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Bag frames, etc.	—	—	101,288
Bags, rubber, air and steam	No.	2,744	58,176
Bags, rubber and rubberized, n.e.s.	—	—	9,216
Bale ties—Quantity made	ton	6,339	—
Quantity sold	"	5,986	749,329
Ball and rod mills, grinding	—	—	1,359,607
Balloons	gr.	108,295	334,745
Balls, foot	No.	51,096	82,922
Balls, golf, complete	doz.	148,332	605,603
Balls, soft	"	21,395	236,545
Balls, other, including bladders, centres, etc.	—	—	1,135,635
Barley, pot and pearl	ton	8,282	817,177
Barn and stable equipment, not elsewhere specified	—	—	2,034,728
Barrels, wooden—			
Apple, etc.	No.	760,983	1,225,217
Fish, slack	"	16,799	20,902
Fish, tight	"	97,347	334,289
Flour, sugar, etc.	"	93,575	138,893
Oil, vinegar, water, etc.	"	212,151	1,179,502
Whiskey, beer, etc.	"	25,703	294,921
Barrels, steel	"	802,375	3,262,304
Barrels, repaired, etc.	—	—	165,697
Barrels, n.e.s.	—	—	163,400
Bars, iron and steel—			
Hot rolled, of all grades—			
Quantity made	net ton	634,315	—
Quantity sold	"	507,364	47,877,986
Cold rolled and cold drawn—			
Quantity made	net ton	34,791	—
Quantity sold	"	35,142	6,182,547
Bars and ingots, aluminum	lb.	11,375,189	2,635,805
Bars, not specified	—	—	*
Basket bottoms	—	—	129,084
Baskets and crates, fruit and vegetable	—	—	3,848,285
Baskets, other, not specified	—	—	546,992
Bathing caps	doz.	67,048	225,237
Bathing suits	"	105,323	2,991,972
Bathrobes, kimonos, lounging jackets, etc.—			
Cotton—			
Women's and misses'	doz.	25,008	912,562
Children's	"	13,006	201,899
Not specified	"	100	40,000
Rayon and silk—			
Women's and misses'	doz.	18,831	1,685,900
Men's and youths'	"	4,605	450,457
Children's	"	1,339	31,670
Wool and flannel—			
Women's and misses'	doz.	7,743	858,481
Men's and youths'	"	8,967	1,102,749
Children's	"	1,739	83,103
Not specified—			
Women's and misses'	doz.	3,091	106,231
Men's and youths'	"	8,624	317,118
Children's	"	1,850	31,500
Not specified	"	4,473	298,500
Bats, baseball	No.	197,175	180,492
Batteries—			
Storage, for automobiles and other internal combustion engines	No.	1,458,149	13,048,841
Storage, for railway service	"	10,247	340,034
Storage, for motor cycle starting	"	2,816	18,122
Storage, for telephone switch boards	"	12,710	426,641
Storage, for farm lighting plants	"	50,613	523,290
Storage, for all other purposes	—	—	1,647,830
Dry cell, 6-inch	no. of cells	2,747,561	979,193
Dry cell, radio, for portable sets	"	15,124,367	784,120
Dry cell, radio, for non-portable sets	"	68,639,313	4,863,786
Dry cell, flashlight	"	34,264,673	2,368,949
Dry cell, hearing aid "A"	"	822,660	99,043
Dry cell, hearing aid "B"	"	4,047,492	158,482
Dry cell, all other	"	3,401,589	143,350
Parts and supplies for batteries, and wet cell type batteries	—	—	2,438,677
Battery containers	—	—	1,769,968

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Battery separators.....	—	—	*
Batting, wadding, flocks and rolls, including auto batts.....	—	—	3,315,707
Bearings, ball, roller and parts.....	—	—	3,600,692
Beauty parlour equipment, (See "Hair dressing accessories")—			
Beds and couches—			
Metal and iron beds.....	No.	170,392	2,035,400
Studio couches, metal and other.....	"	78,930	4,134,222
Metal couches, other.....	"	32,224	274,891
Cots and bunks, metal and other.....	"	63,609	464,150
Cribbs, all kinds.....	—	—	473,343
Beds, camp.....	—	—	10,492
Bedspreads and bed sets—			
Cotton.....	No.	198,409	1,444,625
Silk and artificial silk.....	"	25,591	246,214
Not specified.....	"	80,369	503,895
Beef extract.....	—	—	*
Beekeepers' supplies, n.e.s.....	—	—	524,961
Beer, ale, stout and porter (sales)—			
Bottled.....	gal.	120,560,425	167,467,740
Draught.....	"	49,142,649	45,848,260
Beer, spruce.....	—	135,027	73,998
Beet pulp, wet and dried.....	—	—	1,019,285
Bells and gongs.....	—	—	26,096
Belting, leather (transmission).....	—	—	1,588,626
Belts, automobile, fan.....	No.	1,466,716	660,180
Belting, rubber.....	lb.	9,891,806	7,050,984
Belts, rubber, not specified.....	No.	1,304,389	1,135,582
Belts and aprons, sanitary.....	—	—	173,955
Belts, body, not specified.....	—	—	2,728,538
Benzol.....	Imp. gal.	6,009,577	1,527,251
Bicycles.....	No.	124,747	3,861,437
Bicycle parts.....	—	—	571,876
Billiard and bowling supplies, n.e.s.....	—	—	1,469,501
Binders, loose-leaf and other.....	—	—	2,019,505
Binders, corn.....	No.	3,471	1,157,651
Binders, grain.....	"	18,025	6,359,954
Binding and stitching (trade work).....	—	—	1,390,990
Bindings—(see also "Tapes")			
Cotton.....	—	—	1,397,770
Silk and artificial silk mixtures.....	—	—	303,915
Other.....	—	—	272,104
Bins and hoppers.....	—	—	407,394
Biological products, n.e.s.....	—	—	1,984,455
Biscuits, plain and fancy.....	ton	70,432	37,725,512
Biscuits, soda.....	"	23,720	10,947,135
Biscuits, pretzels.....	—	—	*
Black, acetylene.....	—	—	*
Blackboards, asbestos and other.....	—	—	25,997
Blankets—			
Cotton.....	pair or	2,205,732	
Cotton warp.....	lb.	6,464,396	5,589,046
Cotton and wool mixed.....	pair or	19,342	
Wool.....	lb.	123,854	132,259
Slumber throws.....	pair or	206,809	
Not specified.....	lb.	937,225	848,966
Blankets, horse.....	pair or	551,542	
Bleaching compounds.....	lb.	3,237,511	4,122,284 *
Blinds, venetian (See "Shades and blinds")	No.	128,692	600,448
Blood, animal, dried, edible.....	—	—	104,687
Blood, animal, dried, inedible.....	—	—	115,922
Blooms, billets and slabs (incl. blanks)—	—	—	*
Quantity made.....	net ton	2,313,619	
Quantity sold.....	"	424,654	24,522,344
Blouses, women's, misses' and children's—			
Cotton, women's and misses'.....	doz.	72,538	1,348,013
Cotton, children's.....	"	67,186	777,516
Artificial silk, women's and misses'.....	"	145,357	4,442,216
Artificial silk, children's.....	"	7,524	120,814
Artificial silk and mixtures, women's and misses'.....	"	221,967	6,260,705

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Blouses, women's, misses' and children's— <i>Concluded</i>			
Artificial silk and mixtures, children's	"	2,953	51,258
Woolen, women's and misses'	"	4,815	218,487
Other, not specified, women's and misses'	doz.	29,192	785,423
Other, not specified, children's	"	764	8,399
Blow torches	—	—	*
Blowers, furnace	No.	9,661	381,097
Blue, laundry	—	—	*
Boats, life and whale	No.	276	324,144
Boats, motor	"	815	1,197,059
Boats, outboard motor	"	6,476	1,083,182
Boats, scows, tugs, and other craft	—	—	4,943,400
Boats, sail	No.	249	242,591
Boats, other, including row boats, skiffs, etc.	—	—	384,103
Boat parts	—	—	14,036
Boiler compound	—	—	*
Boilers, heating, all types	—	—	6,391,153
Boilers, power	—	—	7,219,169
Boilers, range	No.	189,959	2,162,512
Boilers, not specified	—	—	64,243
Boiler parts and accessories	—	—	1,567,988
Bologna, weiners and blood pudding	lb.	81,355,858	23,534,838
Bolts, nuts and rivets	—	—	17,241,556
Bone and meat meal and flour	lb.	15,480,714	464,820
Bone, raw, ground, etc.	"	36,726,562	607,060
Books, printed and bound, chiefly for advertising	—	—	1,919,285
Books, printed and bound, not for advertising	—	—	8,431,382
Books and pads, drawing, exercise scribblers, etc., not elsewhere specified	—	—	2,171,968
Books, ledger and account	—	—	983,714
Books, counter, check, sales, etc.	—	—	2,080,510
Books, blank, bound, not specified	—	—	1,187,778
Boron carbide	—	—	*
Bottles, thermos	—	—	*
Bowling supplies (see "Billiard and bowling supplies")	—	—	*
Box toes	pr.	14,020,813	323,533
Boxes, mail	—	—	*
Boxes, paper—	—	—	39,190,633
Corrugated	—	—	1,053,679
Fibre board	—	—	28,715,010
Folding	—	—	271,118
Mailing tubes and other round	—	—	11,145,690
Set-up	—	—	97,588
Not specified	—	—	*
Boxes, wooden—	No.	315,779	89,336
Apple	"	30,597,646	286,418
Berry	"	1,598,529	797,531
Butter	"	853,041	384,393
Cheese	"	1,539,844	301,943
Cigar	"	1,948,332	848,154
Fish	"	1,998,773	1,088,940
Meat	"	607,264	1,749,334
Plywood	—	—	8,420,990
Boxes, wooden, not specified, including veneer	—	—	383,231
Boxes, other, not specified	—	—	360,505
Box panels, plywood	set	246,200	1,410,824
Braids and gimps	—	—	612,935
Brake fluid	—	—	*
Brake beams and parts	—	—	3,004,969
Brakes, auto, and parts	—	—	1,786,294
Brakes, brake shoes and parts	tons	19,979	16,355,942
Bran	lb.	342,788	10,980,078
Brass ingots	—	—	651,179
Brass, bronze and copper products, not specified	lb.	20,843,547	110,960,043
Bread	—	—	*
Breakfast foods (see "Cereal products")	lb.	1,370,672,229	1,081,587
Brewery and distillery equipment, n.e.s.	—	—	715,427
Bricks, cement	—	—	9,611,294
Bricks, from domestic clay	M	320,872	795,402
Brick, sand-lime	"	40,006	*
Briquettes, coal and coke	—	—	*
Bristles	lb.	538,679	8,530
Bronze ingots	"	10,344,475	2,142,648

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Brooms—			
Corn.....	doz.	252,285	2,262,900
Fibre.....	"	24,151	239,045
Hair.....	"	7,100	162,612
Toy.....	"	10,454	31,106
Other.....	"	2,008	29,298
Brushes—			
Made of corn and fibre.....	doz.	111,141	59,928
Clothes.....	"	47,752	135,225
Generator and motor.....	—	—	493,991
Hair.....	doz.	76,236	770,422
Nail.....	"	58,439	94,032
Paint.....	"	487,443	3,976,681
Shoe.....	"	21,435	64,560
Tooth.....	"	265,258	382,072
For household purposes.....	"	515,385	1,178,120
For industrial use.....	"	163,261	1,060,295
Other, not specified, incl. shaving.....	"	1,498,960	810,321
Brush blocks, backs, etc.....	—	—	51,553
Buckwheat grits, etc.....	—	—	61,981
Buckles, clips, etc.....	—	—	226,102
Buffing composition.....	—	—	*
Buffing wheels.....	—	—	52,473
Bufs, polishing, cotton.....	—	—	*
Building blocks, hollow, cement, cinder, sand-lime, etc.....	—	—	10,157,104
Bungs, barrel.....	—	—	*
Buns.....	—	—	15,699,847
Burlap.....	—	—	128,753
Burners, not specified.....	—	—	224,008
Butane.....	—	—	877,814
Butter, factory made.....	lb.	285,631,159	192,011,902
Butter, whey, factory made.....	"	1,843,112	1,124,829
Buttons—			
Celluloid.....	gr.	115,194	549,496
Plastic.....	"	688,023	697,992
Metal.....	"	798,000	246,750
Moulded.....	"	3,026,712	743,084
Pearl.....	"	609,857	463,535
Not specified.....	"	865,543	731,495
Button covering, hemstitching, etc.....	—	—	1,137,102
Butyl acetate.....	—	—	*
Cabinets, ice cream, and parts.....	—	—	3,038,587
Cabinets, medicine.....	—	—	*
Cabinets, phonograph and radio.....	No.	293,710	5,363,692
Cabinets, not specified.....	—	—	403,751
Caffeine.....	—	—	*
Calcium chloride.....	—	—	*
Calcium carbide.....	—	—	*
Calcium cyanamide.....	—	—	*
Calcium cyanide.....	—	—	*
Calcium naphthenate.....	—	—	*
Calcium stearate.....	—	—	*
Calks, horseshoe.....	—	—	77,530
Camel back.....	lb.	1,994,876	713,528
Cameras.....	—	—	*
Candles.....	—	—	2,056,249
Candlesticks and holders.....	—	—	*
Candy sticks.....	—	—	*
Canoes.....	—	—	251,692
Cans, paper or fibre, metal ends and other.....	—	—	2,035,553
Cans, metal, for food.....	—	—	45,897,659
Cans, metal, non-food.....	—	—	7,261,702
Cans, cream and milk.....	—	—	418,962
Cans, garbage and ash.....	—	—	501,427
Canvas and canvas goods, not elsewhere specified.....	—	—	157,121
Capacitors, (static condensers) for power factory correction.....	—	—	572,108
Caps—			
Cloth.....	doz.	168,205	1,599,161
Cotton.....	"	75,107	217,207
Fur.....	"	4,606	183,677

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Caps—Concluded			
Leather.....	doz.	5,343	65,133
Sport.....	"	61,600	426,597
Uniform.....	"	23,501	453,549
Not specified.....	"	11,855	73,128
Caps, bottle, paper.....	M	1,466,117	1,297,890
Caps, bottle, metal and plastic.....	—	—	9,451,529
Carbon dioxide gas.....	—	—	*
Carbon dioxide (cylinders and solid).....	lb.	26,964,525	1,701,627
Carbon bisulphide.....	—	—	*
Carbon products, not specified.....	—	—	*
Carburizing chemicals.....	—	—	*
Cards, greeting.....	—	—	7,848,416
Cards, playing.....	—	—	*
Cards, visiting.....	M	39,261	74,379
Carpets, mats and rugs—			
Carpets in rolls incl. stair—			
Axminster.....	carpet yd.	343,742	1,293,381
Wilton.....	"	558,108	3,079,881
Other, not specified.....	"	476,681	953,673
Carpets in squares, 4'6" by 7'6" or larger—			
Axminster.....	carpet yd.	694,814	2,707,325
Wilton.....	"	186,351	1,031,261
Small squares and runners—			
Axminster.....	carpet yd.	81,143	342,599
Wilton.....	"	15,806	80,345
Other.....	"	88,726	281,578
Cocoa mats and matting.....	—	—	223,162
Rugs, wool, fluff, cotton, hooked, etc.....	—	—	1,145,511
Rugs made from old carpets.....	—	—	70,566
All other.....	—	—	385,657
Carpet sweepers.....	—	—	*
Carriages, doll.....	No.	62,514	250,254
Carriages and wagons, complete.....	—	—	426,370
Carriages, baby.....	No.	138,209	2,484,469
Carriage and wagon bodies and boxes.....	—	—	64,486
Carriage and wagon materials.....	—	—	438,535
Carriers, litter.....	—	—	*
Cars, railway, electric.....	No.	103	3,096,942
Cars, railway track, motor.....	—	—	*
Cars, steam, railway, new.....	No.	11,524	71,207,654
Cars, dump, hand, push and other, not specified.....	—	—	568,585
Carts, concrete.....	No.	822	75,491
Carvings, wood and other.....	—	—	25,094
Casesin.....	lb.	4,921,215	1,162,822
Cases, clock.....	—	—	57,804
Cases, jewellery.....	No.	2,129,167	481,361
Cases, key, card, utility, etc.....	"	893,168	502,116
Cases, portfolios, brief, etc.....	"	179,708	924,328
Cases, writing.....	"	602,337	148,280
Cases, toiletware and silverware.....	—	—	547,288
Cases, other, not specified.....	—	—	103,536
Caskets.....	No.	109,242	5,228,615
Casks, fish.....	"	33,410	57,591
Casks, other.....	—	—	*
Castings—			
Aluminum.....	lb.	10,750,772	5,037,069
Brass.....	—	—	10,402,412
Bronze.....	—	—	1,755,324
Copper.....	lb.	219,204	81,473
Die.....	—	—	5,167,232
Grey iron.....	ton	238,485	38,096,431
Malleable iron.....	"	38,021	9,764,765
Iron, not specified.....	—	—	371,384
Lead.....	lb.	319,357	94,500
Steel—			
Quantity made.....	ton	113,417	—
Quantity sold.....	"	107,960	30,931,831
Castings, not specified.....	—	—	1,132,185
Castors, all kinds, and parts.....	—	—	663,993
Catalogues, printed, etc.....	—	—	8,033,651

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Catsup (see "Tomato catsup")			
Ceiling and siding, metal	—	—	102,015
Cellophane products, not specified	—	—	862,021
Cellulose products, n.e.s.	—	—	*
Cement, Portland (including containers)	—	—	30,561,717
Cement, linoleum	—	—	207,968
Cement, rubber	—	—	261,996
Cements, not specified	—	—	1,032,165
Cement products, not specified	—	—	982,908
Cereal products, prepared, ready to serve	lb.	60,468,300	11,248,295
Cereal products, unprepared	"	20,575,207	1,842,786
Cerium	—	—	*
Certificates, stock, bond, etc., printed	—	—	1,405,192
Chains, automobile	—	—	1,923,594
Chains, other than automobile, (including sprocket chain)	—	—	5,453,337
Chamois products	—	—	565,707
Chaplets, foundry	—	—	305,189
Chaps	—	—	*
Charcoal	—	—	706,799
Cheese, Canadian cheddar	lb.	89,023,618	28,493,050
Cheese, other than cheddar	"	2,307,936	938,538
Cheese, skim milk and cottage	"	5,418,138	784,432
Cheese, processed and packed	"	34,275,476	13,897,942
Cheesecloth	—	—	431,497
Chemical products, not elsewhere specified	—	—	2,877,684
Cheques, notes, drafts, bank notes, etc., printed	—	—	2,259,554
Chests, cedar	No.	47,069	1,462,162
Chests, other	—	—	*
Chewing gum	boxes	13,408,957	7,609,979
Chicken, canned (see Meats, canned)	—	—	*
Chicory, roasted	—	—	*
Children's wear, not elsewhere specified	—	—	1,578,923
Chloride of lime	lb.	3,702,661	169,130
Chlorine, liquid	—	—	*
Chocolate coating	lb.	448,242	148,440
Chocolate liquor	—	—	*
Chocolate, sweetened—			
For own use	lb.	18,529,488	
For sale	"	16,770,527	7,234,718
Chocolate, other	No.	68,555	514,834
Choppers, food	—	—	*
Churns	—	—	73,713
Cider (for sale)	gal.	102,638	14,453,386
Cigars	M	210,335	240,838,123
Cigarettes	"	16,071,779	
Cinder blocks (see "Building blocks")	—	—	124,794
Classifiers, metal working	—	—	377,507
Clay, bentonite and other	—	—	6,897,704
Cleaners, vacuum and parts	—	—	72,304
Cleaner, hand	lb.	504,023	457,709
Cleaner, fabric, floor and window	—	—	2,298,481
Cleaning and scouring powder and paste	lb.	22,189,384	1,294,333
Cleaning preparations, other	—	—	3,368,514
Clips and staples, wire	—	—	*
Clocks	—	—	*
Cloth, gummed	—	—	482,800
Clothes pins	No.	124,641,149	139,024
Clothes hampers	—	—	323,544
Clothing, rubber, n.e.s.	—	—	321,937
Clothing, safety	—	—	*
Clothing, sport—			
Shorts—			
Women's and misses'—			
Cotton	doz.	12,156	262,220
Rayon	"	4,279	80,900
Wool and wool mixtures	"	454	10,802
Not specified	"	1,824	126,573
Men's and youths'—			
Cotton	"	7,534	172,999
Not specified	"	7,595	231,670
Boys'—			
Cotton	"	8,000	99,461
Other	"	1,580	22,444

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Clothing, sport— <i>Concluded</i>			
Shorts— <i>Concluded</i>			
Children's—			
Cotton.....	doz.	1,378	14,761
Rayon.....	"	223	4,632
Wool and wool mixtures.....	"	2,584	31,724
Other.....	"	1,275	11,993
Not specified.....	"	15,267	186,972
Slacks—			
Women's and misses'—			
Cotton.....	No.	59,183	150,537
Rayon.....	"	208,431	709,766
Wool and mixtures.....	"	315,325	1,172,469
Not specified.....	"	372,831	1,130,327
Men's and youths'—			
Wool and mixtures.....	"	217,615	1,544,683
Other.....	"	153,227	654,781
Boys'—			
Wool and mixtures.....	"	75,896	171,880
Other.....	"	74,962	207,559
Children's—			
Cotton.....	"	165,205	224,649
Rayon.....	"	16,147	42,181
Wool and mixtures.....	"	121,894	311,850
Not specified.....	"	16,168	25,204
Not specified.....	"	4,800	27,084
Suits, sport—			
Ski and snow suits—			
Women's and misses'.....	No.	61,926	480,533
Children's.....	"	376,384	1,877,945
Not specified.....	"	55,055	287,603
Play suits.....	doz.	4,924	79,767
Other sport suits—			
Women's and misses'—			
Wool and mixtures.....	No.	68,015	529,726
Rayon.....	"	56,909	420,554
Cotton.....	"	16,117	145,109
Other.....	"	953	7,974
Men's and youths'—			
Wool and mixtures.....	"	12,094	168,196
Other.....	"	7,198	52,535
Boys'—			
Wool and mixtures.....	"	14,471	75,798
Other.....	"	10,850	32,000
Children's.....	"	33,169	117,049
Jackets and blazers (see "Coats, etc.")			
Parkas and hoods.....	—	—	269,333
Other sport clothing.....	—	—	330,039
Clothing, hospital.....	—	—	490,567
Clothing, oiled and waterproofed.....	—	—	548,803
Clothing, not specified.....	—	—	773,692
Coats and jackets—			
Boys' overcoats and top coats.....	No.	38,276	403,065
Men's and youths' overcoats and top coats.....	"	689,334	18,643,339
Women's and misses' coats—			
Woollen.....	"	1,714,034	41,146,684
Other.....	"	45,890	1,054,304
Children's coats—			
Woollen.....	"	689,786	6,029,453
Other.....	"	4,695	18,735
Boys' separate jackets—			
Woollen.....	"	29,109	183,334
Other.....	"	6,448	19,108
Men's and youths' separate jackets—			
Woollen.....	"	255,518	4,006,559
Other.....	"	24,908	138,264
Women's and misses' separate jackets—			
Woollen.....	"	107,527	769,915
Cotton.....	"	2,599	24,871
Other.....	"	32,459	204,399
Children's separate jackets—			
Woollen.....	"	56,143	168,254
Other.....	"	7,045	22,280

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Short coats (including windbreakers, mackinaws, parkas, leather coats, and vests, etc.)—			
Wool and mixtures—			
Men's and youths'.....	doz.	46,356	4,080,028
Boys'.....	"	15,127	867,533
Children's (under 14).....	"	5,554	154,351
Women's and misses'.....	"	2,385	137,777
Not specified.....	"	320	15,156
Cotton—			
Men's and youths'.....	"	44,504	3,366,573
Boys'.....	"	26,245	1,463,882
Children's (under 14).....	"	3,299	154,687
Women's and misses'.....	"	7,865	398,697
Not specified.....	"	2,251	204,546
Leather—			
Men's and youths'.....	"	4,388	659,474
Boys'.....	"	296	37,565
Not specified.....	"	2,416	265,468
Other—			
Men's and youths'.....	"	12,273	1,443,708
Boys'.....	"	335	21,734
Children's (under 14).....	"	1,632	106,439
Women's and misses'.....	"	8,594	516,336
Not specified.....	"	9,956	445,289
Rubber and rubberized coats.....	"	13,240	643,630
Oiled and other waterproofed coats.....	"	40,491	5,240,331
Washable coats, smocks, etc. (see Overalls).....	"		
Brush coats and house coats.....	"	36,556	564,666
Other cloth coats, not specified.....	—	—	1,107,683
Coats, fur—			
Children's.....	No.	1,165	65,779
Ladies' (Coats and capes).....	"	227,678	50,721,357
Men's.....	"	1,734	368,981
Coats, fur-lined.....	"	3,313	233,359
Coat shells and plates.....	—	—	1,898,058
Cobalt naphthenate.....	—	—	*
Cocoa (made for sale).....	lb.	12,054,298	2,918,198
Cocoa butter—			
Made for own use.....	"	8,100,963	
Made for sale.....	"	2,567,893	2,508,426
Cocoa and chocolate preparations, not elsewhere specified (for sale).....	"	1,652,355	499,012
Cocoanut, prepared and desiccated.....	—	—	*
Coffee, roasted.....	lb.	69,317,576	34,502,187
Coffee makers.....	—	—	*
Coffee substitute.....	—	—	*
Coffins.....	No.	3,524	76,840
Coffins and boxes (shells).....	"	70,963	603,619
Coils.....	—	—	*
Coke, gas-house.....	ton	3,945,776	54,663,451
Coke, petroleum.....	"	87,438	1,101,832
Coke, pitch.....	—	—	*
Cold storage equipment.....	—	—	701,783
Collars, men's.....	—	—	*
Collars, fur.....	No.	47,684	684,427
Colours, butter, cheese and other.....	lb.	1,243,777	350,609
Colours, dry.....	—	—	2,610,055
Colours, in oil and japan.....	—	—	*
Combs.....	—	—	430,132
Comforters—			
Cotton.....	No.	70,093	338,527
Down.....	"	7,017	130,636
Wool.....	"	35,494	259,204
Not specified.....	—	—	53,872
Communication systems (see "Radio communication equipment").....	—	—	*
Compacts,—powder and rouge.....	—	—	*
Compressors, air.....	No.	17,559	4,384,207
Concentrates used for soft drinks.....	gal.	440,862	2,482,058
Concrete, ready-mixed.....	—	—	7,117,954
Concrete, products, n.e.s.....	—	—	*
Conduit, electrical, rigid iron.....	lb.	19,689,720	2,676,291
Conduit, electrical, flexible.....	ft.	3,668,104	201,985
Conduit fittings.....	—	—	1,196,132

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Conduit and parts, not specified.....	—	—	3,301,953
Cones, ice cream.....	M	370,969	1,027,659
Cones and tubes, textile winding.....	—	—	*
Confectionery, chocolate—			
In bulk.....	lb.	19,134,703	8,350,401
In bars.....	doz.	57,014,086	30,989,141
In packages.....	lb.	13,627,239	8,451,136
Moulded chocolate novelties.....	"	269,907	239,202
Not specified.....	"	871,549	372,287
Confectionery, marshmallow—			
In bulk.....	lb.	1,006,788	667,799
In packages.....	"	2,048,079	560,427
Confectionery, sugar—			
In bulk.....	lb.	51,057,777	12,367,862
In bars.....	doz.	1,932,887	928,084
In packages.....	lb.	15,746,084	6,545,946
Penny goods.....	gr.	3,164,882	3,140,950
Lozenges.....	lb.	1,412,860	269,187
Confectionery, toffee—			
In bulk.....	lb.	1,262,885	355,161
In packages.....	"	2,470,918	369,413
Confectionery, not specified.....	—	—	395,032
Confectionery mixes.....	—	—	204,928
Containers, not elsewhere specified.....	—	—	66,812
Control and starting equipment, not elsewhere specified.....	—	—	7,652,908
Converter equipment, electrical.....	—	—	4,661,441
Coolers, milk and other.....	No.	11,806	2,358,592
Cooperage products, not specified.....	—	—	48,000
Copper alloys.....	—	—	*
Copper naphthenate.....	—	—	*
Copper and copper products, not specified.....	—	—	1,082,859
Cores, for paper rolls.....	—	—	706,090
Cores, textile winding.....	—	—	*
Cores, lumber.....	—	—	335,851
Cork products.....	—	—	243,982
Corn, cracked.....	ton	1,287	95,569
Corsets, girdles, brassieres, etc.—			
Corsets and girdles.....	doz.	200,710	6,463,732
Combination garments.....	"	34,011	1,635,478
Bandeaux, brassieres, etc.....	"	540,412	6,292,344
Suspender girdles, shoulder straps, etc.....	—	—	295,589
Corset steels and clasps.....	—	—	*
Cosmetic containers and accessories, n.e.s.....	—	—	6,440
Cotter pins.....	—	—	*
Cotton fabrics—			
Unbleached or grey.....	lb.	58,642,833	
Bleached or white.....	yd.	161,484,996	46,420,825
Yarn and stock dyed.....	lb.	9,841,527	
Piece dyed.....	yd.	36,165,013	9,845,191
Printed and painted.....	lb.	15,104,663	
Pillow cotton.....	yd.	37,268,831	13,844,171
Not specified.....	lb.	13,053,443	
Covers, stockinette, meat (see "Knitted fabrics").....	yd.	44,405,296	15,702,048
Covers, radiator, fabrics.....	lb.	15,580,878	
Covers, seat, automobile.....	yd.	68,800,390	20,797,812
Covers, not specified.....	lb.	251,497	
Crayons, wax and chalk.....	yd.	734,263	267,007
Cream, frozen, canned, etc.....	—	—	5,509,892
Cream, sold in dairy factories.....	pr.	20,441,799	476,548
Cream, whey, sold in dairy factories.....	—	—	139,117
Cream of tartar, refined.....	—	—	992,675
Covers, couch, table, and other furniture.....	—	—	1,568,130
Covers, mattress.....	—	—	778,958
Covers, stockinette, meat (see "Knitted fabrics").....	doz.	11,192	146,564
Covers, radiator, fabrics.....	—	—	516,616
Covers, seat, automobile.....	—	—	1,506,355
Covers, not specified.....	—	—	944,057
Crayons, wax and chalk.....	—	—	291,853
Cream, frozen, canned, etc.....	—	—	197,734
Cream, sold in dairy factories.....	lb. b.f.	29,015,009	30,390,013
Cream, whey, sold in dairy factories.....	"	670,019	428,017
Cream of tartar, refined.....	lb.	210,387	152,563

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Cream separators.....	—	—	916,617
Cresols.....	—	—	*
Croquet sets.....	—	—	*
Cross arms.....	—	—	608,368
Croton aldehyde.....	—	—	*
Crucibles, clay.....	No.	238,000	55,915
Crushers and parts.....	"	10	600,759
Cuffs, fur.....	pr.	1,363	19,466
Cultivators.....	No.	26,633	3,633,189
Cups, paper, baking, bonbons, etc.....	M	700,472	245,602
Cups, paper, drinking.....	"	631,913	2,354,216
Curd, cheese.....	—	—	*
Curtains, shower.....	—	—	214,116
Curtains, fabric.....	—	—	2,880,298
Curtain rods and fixtures.....	—	—	917,559
Cushions.....	—	—	386,623
Cushion forms.....	No.	73,390	68,927
Cushion tops.....	doz.	9,793	12,945
Cushions and mattresses, air and sponge.....	"	1,143	24,398
Cutting blocks and tables, butchers.....	—	—	131,105
Cutlery, all kinds (see also "Flatware").....	—	—	884,326
Dairy products, not specified.....	—	—	268,220
Dairy equipment, not specified.....	—	—	92,880
Decorations, including party favours, confetti, etc.....	—	—	564,161
D.D.T.....	—	—	*
Dentifrices.....	—	—	3,759,581
Dentists' supplies, not elsewhere specified.....	—	—	236,603
Deodorant.....	—	—	728,849
Desk sets.....	—	—	48,799
Detergents.....	lb.	35,012,528	7,738,396
Dextrine.....	ton	4,892	874,904
Dextrose (see "Glucose").....	—	—	*
Diamonds (gems).....	—	—	168,341
Diaries, printed, etc.....	—	—	*
Dibutyl phthalate.....	—	—	*
Dicyandiamide.....	—	—	*
Dies, stamping, drawing and cutting.....	—	—	1,045,884
Dies, metal working, n.e.s.....	—	—	2,065,376
Dies, aluminum.....	—	—	*
Dies, taps and stocks.....	—	—	*
Dies, rubber, n.s.....	—	—	187,550
Discs, agricultural.....	No.	33,259	10,371,290
Dishcloths.....	—	—	273,396
Dish washers, electrical, commercial.....	—	—	*
Disinfectants.....	—	—	935,451
Displays, advertising.....	—	—	924,415
Display forms, mounting, etc.....	—	—	1,736,397
Ditchers, blade.....	—	—	*
Distillers' grain (see "Grain, distillers").....	—	—	*
Dog collars.....	—	—	224,459
Doilies, paper, dinner cloths, etc.....	—	—	421,280
Dolls, all kinds.....	—	—	3,129,231
Dolls' furnishings and parts.....	—	—	38,534
Doors, metal clad.....	—	—	763,258
Doors, veneer and plywood.....	—	—	*
Doughnuts.....	—	—	3,280,618
Dowels.....	M lin. ft.	46,607	387,684
Down.....	—	—	206,656
Draperies and drapery material.....	—	—	425,116
Drapes, paper.....	—	—	309,170
Dresses, women's and misses'—			
Cotton (see also, Coats, brunch coats, house coats, etc.).....	No.	4,683,653	11,276,031
Linen.....	"	26,353	215,779
Artificial silk and mixtures.....	"	6,988,730	50,636,626
Velvet.....	"	59,096	781,303
Woollen.....	"	460,074	5,279,093
Not specified.....	"	34,113	210,342
Dresses, children's—			
Cotton.....	No.	1,379,223	2,303,986
Artificial silk and mixtures.....	"	1,213,194	2,509,250
Woollen.....	"	171,530	659,826
Not specified.....	"	131,957	300,749

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Dressing gowns, negligees (see "Bathrobes, etc.")			
Dressing, salad	lb.	13,288,174	5,290,619
Dressings and finishes, leather	—	—	775,106
Drilling machines	—	—	231,051
Drills, grain and fertilizer	No.	18,579	3,943,680
Drills, grain, press and plain	—	7,939	2,795,642
Drills, twist and other	—	—	4,429,293
Drills, mining and metallurgical	—	—	1,337,305
Drives, V-belts	—	—	210,812
Druggists' sundries—			
Hot water bottles	doz.	27,471	197,991
Nipples and soothers	—	575,682	210,837
Ice caps and collars	"	3,550	29,189
Not specified	—	—	5,062
Drums, veneer and plywood	—	—	342,485
Dyeing, finishing, shrinking, etc.†			
Dyeing and finishing of textiles	yd.	82,574,736	8,224,268
Dyeing and finishing of yarns	lb.	2,235,718	835,102
Dyeing and finishing of other products	—	—	225,551
Bleaching, sponging, dyeing, etc. custom	—	—	2,346,466
Dyes, blended and packaged	—	—	2,181,543
Dyes and dressings, leather	—	—	46,606
Ear muffs	—	—	25,515
Eavetrough and pipe	—	—	1,298,676
Economizers	—	—	74,533
Egg cases and fillers	—	—	901,753
Egg substitute, including powdered albumen	—	—	10,842
Eggs, frozen	—	—	*
Elastic products, not elsewhere specified	—	—	604,609
Electric heating elements (sold separately)	—	—	386,046
Electrical apparatus, parts and supplies, not elsewhere specified	—	—	10,226,356
Electrical instruments and meters, except ammeters for autos	—	—	7,399,660
Electrodes, carbon and graphite	—	—	*
Electrotyping and stereotyping	—	—	4,219,541
Elevator parts	—	—	2,319,761
Elevators, freight and passenger	—	—	8,203,026
Embalming fluid	—	—	211,454
Emblems, badges and medals	—	—	784,086
Embossing	—	—	192,196
Embroideries and laces	—	—	3,102,452
Enamel frit	—	—	*
Enamels, oil and synthetic	imp. gal.	5,130,958	20,820,354
Engines, auto	—	—	*
Engines, auto, parts	—	—	*
Engines, gasoline, marine type	No.	23,389	3,376,667
Engines, gasoline, other type	"	41,893	1,314,553
Engines and turbines, steam	"	—	1,629,254
Engines, diesel	"	116	1,299,456
Engine parts	—	—	1,478,327
Engraving (Trade work)	—	—	283,042
Ensilage cutters	—	—	*
Envelopes, made	—	—	8,071,752
Envelopes, printed	—	—	4,374,470
Escalators	—	—	*
Ethyl acetate	—	—	*
Evaporators, commercial	—	—	2,356,438
Excelsior, paper	—	—	85,618
Excelsior, wood	ton	6,984	293,991
Excelsior pads, wrappers, etc.	No.	15,832,660	296,110
Explosives	—	—	12,802,565
Extracts, flavouring (bakers', confectioners' household, etc.)	—	—	4,019,698
Extracts, flavouring, etc. (used for soft drinks)	gal.	114,537	758,032
Eyes, artificial	—	—	*
Fabrics, coated and impregnated, not elsewhere specified	—	—	5,915,290
Fabrics, rubberized and waterproofed	—	—	525,293
Fabrics, not specified	—	—	682,562
Facial tissue (see "Tissues, cleansing")	—	—	*
Facing and parting, foundry	—	—	284,526
Fanning mills	No.	3,309	284,338

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

† See footnote on page 130.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Fans, electric.....	No.	165,421	1,496,158
Fasteners, zipper.....	it.	33,832,222	5,404,364
Fasteners, other than zipper, n.e.s.....	—	—	309,224
Fats, animal, n.s.....	lb.	557,655	82,554
Feathers, millinery.....	—	—	619,332
Feed, chopped grain.....	—	—	70,252,199
Feed mixers.....	No.	2,723	108,642
Feed, stock, poultry, etc. (see Foods)			
Felt, coated and saturated (see Fabrics)			
Felt, cotton.....	lb.	5,659,245	762,014
Felt, hair and jute.....	"	1,165,592	140,263
Felt, harness and athletic.....	"	663,814	420,373
Felt, for pulp and paper making.....	"	5,261,301	8,753,821
Felt, padding.....	—	—	301,618
Felt, paper (see Paper)			
Felt, insole.....	lb.	391,264	184,307
Felt, shoe and gaiter.....	—	—	463,527
Felt, not specified.....	—	—	2,444,247
Fences, electrical, and equipment.....	—	—	122,439
Fencing, wire.....	ton	21,410	2,891,624
Fencing, chain link.....	"	1,278	281,113
Fencing, snow.....	—	—	718,930
Ferrie chloride.....	—	—	*
Ferro-alloys, (ferro-silicon, ferro-chrome, ferro-manganese, silicon spiegel, etc.).....	ton	232,418	25,763,610
Ferro-phosphorus.....	—	—	*
Fertilizers.....	—	—	22,831,318
Fertilizer sowers.....	No.	1,027	113,140
Fibre, staple (art silk).....	—	—	*
Fibre glass products.....	—	—	*
Files and rasps.....	—	—	*
Filing system supplies.....	—	—	1,996,458
Filling, pie, apple.....	lb.	1,003,364	110,493
Filling, pie, other than apple.....	"	2,494,347	412,034
Filling, pie, powder (see "Powder, pie")			
Filling, not specified.....	lb.	396,688	91,187
Films, motion picture.....	—	—	*
Films, photographers'.....	—	—	*
Films, X-ray.....	—	—	*
Filters, mining and metallurgical.....	—	—	268,744
Fire clay.....	ton	10,206	59,317
Fire extinguishers and supplies.....	—	—	1,485,255
Fire fighting and fire protection equipment, not elsewhere specified	—	—	2,284,319
Fireplaces and furnishings.....	—	—	617,767
Fireworks (see "Pyrotechnics")			
Fish, canned.....	lb.	121,938,397	42,148,530
Fish, otherwise prepared.....	—	—	20,230,785
Fish, fresh, marketed for consumption, sold in factories.....	—	—	40,616,253
Fishing nets and netting.....	—	—	2,081,556
Fishing tackle.....	—	—	1,572,791
Fixtures, lighting, exterior.....	—	—	1,863,743
Fixtures, lighting, commercial.....	—	—	5,710,979
Fixtures, lighting, industrial.....	—	—	3,064,455
Fixtures, lighting, residential.....	—	—	3,096,672
Fixtures, lighting, not specified.....	—	—	1,723,285
Flags and bunting.....	—	—	274,722
Flashlights and cases.....	—	—	572,298
Flatware, electro-silver plated and sterling.....	—	—	7,842,784
Flax fibre.....	lb.	912,517	249,917
Flax products, n.e.s.....	—	—	767,049
Floor covering, including oilcloths, etc.....			
Flooring, hardwood.....	M ft. b. m.	59,392	9,783,321
Floor tile and joists, steel.....	—	—	*
Flotation machines (mining and metallurgical).....	—	—	*
Flour, barley.....	ton	181	18,804
Flour, buckwheat.....	lb.	597,145	31,867
Flour, corn.....	"	2,528,408	160,321
Flour, diabetic.....	—	—	*
Flour, potato (see "Starch and Flour")			
Flour, preparations for sausage fillings.....	lb.	5,348,934	522,395
Flour, prepared and self-raising, cake mixes, pie crust, etc.....	"	34,976,989	4,558,597
Flour, soya bean.....	"	6,273,525	385,952

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Flour, wheat—			
Spring, No. 1 patent.....	bbl.	4,912,124	42,888,807
Spring, No. 2 patent.....	"	4,612,479	35,182,445
Spring, No. 3 patent.....	"	10,658,405	87,781,582
Ontario winter.....	"	1,332,804	11,254,528
Low grade flour.....	"	516,773	3,382,078
Durum semolina.....	"	353,651	2,764,064
All other.....	"	495,599	3,898,529
Flour, graham or whole wheat.....	"	245,828	1,892,979
Flour, rice.....	—	—	*
Flour, rye.....	ton	887	95,050
Flowers, artificial.....	—	—	1,385,409
Fly pads and paper.....	—	—	*
Fly swatters.....	—	—	4,666
Foil, tin, lead and aluminum.....	—	—	9,271,983
Folding (trade work).....	—	—	205,877
Food drinks, liquid (see also "Powders").....	gal.	2,899,300	2,104,751
Food, fox, dog, etc.—			
Fox biscuits.....	ton	1,442	175,707
Dog biscuits.....	"	1,530	330,833
Canned dog and cat food.....	"	13,975	2,563,653
Other dog and cat food.....	"	7,592	1,268,137
Other fox food.....	"	6,467	700,693
Fox and dog food.....	"	68	13,632
Mink and other animal food.....	"	7,372	693,324
Food, stock.....	"	758,219	50,264,552
Food, poultry.....	"	719,247	54,113,696
Food, stock and poultry, n.e.s.....	—	—	12,862,783
Food mixers.....	—	—	*
Food, infant and invalid.....	lb.	5,580,747	1,707,252
Food, infant, canned.....	"	22,836,569	5,246,267
Food products, not specified.....	"	592,718	163,484
Foods, vegetable oil.....	"	4,429,726	446,507
Footwear, leather—			
Felt upper—			
Babies'.....	pr.	67,334	107,639
Boys'.....	"	95,046	187,247
Children's, including little gents.....	"	81,458	146,292
Men's.....	"	579,056	1,293,419
Youths'.....	"	26,265	45,611
Misses'.....	"	118,522	246,186
Women's and growing girls'.....	"	177,435	311,783
Leather or fabric upper—			
Babies'.....	pr.	2,734,304	3,670,100
Boys'.....	"	947,884	2,735,468
Children's.....	"	1,786,225	3,718,934
Misses'.....	"	1,952,201	4,538,734
Men's.....	"	6,495,881	33,921,619
Youths'.....	"	354,821	832,843
Women's and growing girls'.....	"	12,906,200	47,242,456
Footwear, shoe packs, larrigans, moccasins, etc.—			
Babies'.....	pr.	3,428	2,919
Boys'.....	"	25,501	50,069
Children's.....	"	10,560	12,138
Men's.....	"	111,030	343,337
Youths'.....	"	5,290	8,509
Women's, misses' and growing girls'.....	"	118,755	216,419
Not specified.....	—	—	3,305
Footwear, rubber—			
Knee and hip boots, all rubber.....	pr.	2,914,370	5,813,824
Lumbermen's boots, all rubber.....	"	1,182,953	2,142,654
Lumbermen's boots, leather tops.....	"	294,081	1,904,239
Overshoes and galoshes, cloth.....	"	3,790,637	9,675,552
Overshoes and galoshes, all rubber.....	"	3,458,492	7,183,180
Light and heavy gum rubbers.....	"	4,823,310	4,023,418
Rubber soled, fabric tops.....	"	3,462,847	4,324,405
Rubber soled, leather tops.....	"	288,145	1,056,799
Rubber bottoms for leather tops.....	"	226,705	452,032
Not specified.....	—	—	41,631
Forgings, including drop, shell, etc.....	—	—	10,547,416
Forks, farm implements.....	No.	625,098	669,449
Forms, continuous, printed.....	—	—	6,650,242
Fountains, soda.....	—	—	*

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Frames and cases, spectacle, etc.....	—	—	*
Freezers, ice cream.....	—	—	*
Freezers, individual, home and farm.....	No.	1,144	327,069
Fringes, cords and tassels.....	—	—	589,127
Fruit butter, n.e.s. (see also "Apple and Lemon butter").....	—	—	4,335
Fruit drinks.....	—	—	139,149
Fruit juices, canned (see also "Grape Juice").....	lb.	22,661,534	1,442,579
Fruit juices, other.....	"	203,332	23,176
Fruit peel, candied.....	"	2,612,218	642,116
Fruit pulp.....	"	2,608,048	395,086
Fruits, canned—			
Apples, including crab apples.....	"	9,720,222	736,931
Apple sauce.....	"	5,233,118	501,953
Apricots.....	"	2,659,769	480,377
Blackberries.....	"	192,705	34,958
Blueberries.....	"	1,046,272	209,721
Cherries.....	"	9,317,526	1,737,634
Loganberries.....	"	966,207	209,798
Peaches.....	"	37,663,610	5,589,026
Pears.....	"	13,208,548	2,052,292
Plums.....	"	9,416,404	852,975
Raspberries.....	"	2,422,507	553,527
Rhubarb.....	"	542,085	43,438
Strawberries.....	"	5,100,675	1,081,451
Other fruits, not specified (grapefruits, pineapple, etc.).....	"	3,846,527	819,516
Fruits, fountain.....	"	4,882,904	2,022,998
Fruits, glacé.....	"	3,726,997	1,371,707
Fruits, frozen, for re-processing.....	"	14,624,584	2,139,744
Fruits, frozen, not for re-processing.....	"	4,458,065	939,266
Fruits in SO ₂ for re-processing.....	"	19,133,272	2,173,424
Fuel, hog.....	unit	275,349	263,330
Funnels, sheet metal.....	—	—	20,717
Fur dressing and dyeing.....	—	—	6,126,532
Fur trimmings.....	—	—	1,633,574
Fur, remodelling, etc.....	—	—	6,635,561
Furnaces, electro-metallurgical.....	—	—	694,817
Furnaces, hot air.....	—	—	7,321,271
Furnaces, industrial, other.....	—	—	87,056
Furnaces, not specified, and furnace parts.....	—	—	765,690
Furniture—			
Bedroom.....	—	—	22,909,964
Breakfast room.....	—	—	2,352,711
Dining room.....	—	—	4,704,041
Kitchen.....	—	—	4,020,296
Living room.....	—	—	25,966,115
Other household.....	—	—	10,341,914
Office, steel and other.....	—	—	2,691,273
Office and store furniture and fixtures.....	—	—	16,065,455
Steel and metal, not specified.....	—	—	357,317
Children's.....	—	—	2,734,530
School, lodge, church and theatre.....	—	—	3,658,976
Camp, lawn and verandah.....	—	—	781,067
Wicker, fibre, reed and rattan, not specified.....	—	—	48,521
Furniture, not specified, and other cabinet work.....	—	—	3,990,630
Furniture frames and parts.....	—	—	2,845,190
Fuses and fuse wire.....	—	—	2,884,857
Gaiters, spats and leggings.....	—	—	119,390
Galvanized ware.....	—	—	2,293,035
Games, not specified.....	—	—	624,740
Garages, metal.....	—	—	*
Garage equipment, n.e.s.....	—	—	789,997
Gas made—			
Retort coal gas.....	M cu. ft.	11,254,016	
Coke oven gas.....	"	51,832,387	
Producer gas.....	"	870,388	
Water gas.....	"	9,943,554	
Not specified.....	"	367,313	
Gas sold.....	"	24,606,638	25,581,734
Gas used in heating ovens, retorts or gas plants.....	"	18,379,417	3,344,833
Gas used in associated metallurgical work.....	"	28,821,801	3,694,802
Gas otherwise accounted for, but not sold.....	"	518,030	251,320

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Gas not accounted for.....	M cu. ft.	2,442,612	1,333,237
Gas, still, from petroleum refineries.....	"	12,020,323	7,358,086
Gas, oil, pintsch.....	"	51,090	641,986
Gasoline.....	Imp. gal.	1,219,291,343	192,762,696
Gates.....	No.	29,520	348,248
Gauges, pressure.....	"	-	239,461
Gauges, plug-ring, thread, etc.....	"	-	209,214
Gears, wagon.....	"	-	1,722,981
Gears, transmission.....	"	-	1,407,685
Gelatine.....	"	-	*
Generators—			
Alternating current.....	No.	169	6,131,673
Direct current.....	"	3,553	496,516
Generator parts.....	"	-	137,986
Glass, bent.....	"	-	67,686
Glass, bevelled and polished edge.....	"	-	789,787
Glass, chipped or etched.....	"	-	94,128
Glass, cut.....	"	-	560,606
Glass, fibre.....	"	-	*
Glass, leaded, including memorial windows.....	"	-	173,267
Glass, non-shatterable.....	"	-	4,990,696
Glass, pressed, blown and drawn incl. bottles, sealers, window, kitchenware, etc.....	"	-	28,764,709
Glass vials and chemical glassware.....	"	-	460,511
Glass products, other, including windshield glass.....	"	-	752,479
Gloves and mittens, fabric—			
Dress—			
Cotton, men's.....	doz. prs.	230	4,174
Cotton, women's.....	"	33,897	416,011
Cotton, children's.....	"	3,707	28,616
Artificial silk and mixtures, all types.....	"	80,021	650,655
Not specified.....	"	84,673	753,421
Work—			
Cotton, men's.....	"	702,666	1,863,944
Cotton, women's.....	"	1,720	4,356
Cotton, children's.....	"	100	150
Wool.....	"	10,430	65,709
Not specified.....	"	100,878	468,726
Knitted, all kinds.....	"	259,563	1,873,324
Gloves, mittens and gauntlets, leather, dress—			
Men's, lined.....	"	67,938	1,385,702
Men's, unlined.....	"	33,639	783,731
Women's and children's, lined.....	"	40,735	497,550
Women's and children's, unlined.....	"	62,415	1,473,640
Gloves, mittens and gauntlets, leather, work—			
Men's, lined.....	"	51,525	660,105
Men's, unlined.....	"	402,634	4,197,387
Gloves and mittens, leather and other, not specified (see also "Sport Gloves").....	"	82,801	739,329
Gloves and mittens, fur and fur-lined.....	pr.	5,512	11,399
Gloves, rubber and rubberized.....	doz. prs.	106,979	731,383
Glucose and dextrose.....	"	-	*
Glue (bone, hide, fish and vegetable).....	lb.	40,666,914	6,040,398
Glue stock.....	"	39,760,449	607,258
Gluten feed.....	"	-	-
Glycerine, crude.....	lb.	2,043,255	552,404
Glycerine, refined.....	"	12,457,703	4,715,780
Glycol, ethylene.....	"	-	*
Glycols.....	"	-	*
Goggles, sun.....	"	-	*
Gold alloys.....	"	-	2,457,689
Gold, fine.....	"	-	3,471,412
Gold, leaf.....	"	-	*
Golf supplies, including golf bags, sticks, heads, etc.....	"	-	866,009
Grains, sold wet and dry (Breweries and Distilleries).....	ton	175,010	2,429,094
Granite, monuments.....	"	-	3,417,354
Granite, for building purposes.....	"	-	527,253
Granules, roofing.....	"	-	*
Grape juice.....	"	-	399,046
Graphite, powder and other.....	"	-	3,438,807
Grate bars and grating.....	"	-	418,873
Gravy preparations.....	"	-	182,050
Grease.....	lb.	7,000,579	1,254,014

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Grease, lubricating.....	—	—	3,206,768
Grills and hot plates, electric.....	No.	192,815	950,436
Grinding machines.....	—	—	319,036
Grinding balls.....	—	—	1,126,515
Guanidine nitrate.....	—	—	*
Gums, unvulcanized.....	lb.	1,144,873	314,726
Gymnasium supplies, not specified.....	—	—	42,231
Gypsum blocks.....	—	—	*
Hair, animal.....	lb.	4,901,390	1,976,314
Hair cloth.....	yd.	2,788,940	1,434,591
Hair nets.....	—	—	79,829
Hair goods, not specified.....	—	—	133,941
Hair wavers, curlers, pads, etc.....	—	—	789,006
Halters, leather.....	No.	57,536	92,138
Hammers, forging.....	—	—	*
Hammocks.....	—	—	15,114
Handkerchiefs.....	doz.	800,458	1,202,452
Handles, broom and mop.....	No.	11,814,430	623,362
Handles, long tool and axe.....	"	3,524,339	1,167,638
Handles, small tool.....	"	19,292,132	740,916
Handles, n.e.s.....	—	—	304,537
Hangers, garment.....	—	—	760,091
Hardware, automobile.....	—	—	3,542,742
Hardware, builders.....	—	—	9,766,803
Hardware, furniture.....	—	—	1,042,857
Hardware, harness and saddlery.....	—	—	476,907
Hardware, pole-line.....	—	—	5,523,302
Hardware, not specified.....	—	—	4,168,961
Harness, double.....	set	4,228	289,372
Harness, single.....	"	2,142	89,265
Harness collars.....	No.	39,904	229,389
Harness parts.....	—	—	664,870
Harrows.....	—	—	3,681,803
Hassocks.....	—	—	246,942
Hat blocks.....	—	—	68,908
Hats, cotton—			
Men's.....	doz.	18,551	363,616
Women's and children's.....	"	3,294	34,551
Hats, fur felt—			
Men's.....	doz.	103,645	5,809,078
Women's.....	"	58,100	2,903,524
Children's.....	"	1,450	21,200
Hats, wool felt—			
Men's.....	doz.	26,611	454,784
Women's.....	"	176,044	4,028,856
Children's.....	"	9,500	114,311
Hats, velour felt, men's and women's.....	"	3,044	98,047
Hats, straw—			
Men's.....	doz.	—	*
Women's.....	"	97,454	3,280,043
Children's.....	"	7,037	57,878
Hats, panama (included in "Hats, not specified")			
Hats, silk and crepe, women's.....	doz.	3,608	121,301
Hats, velvet.....	"	2,066	59,518
Hats, wool, women's and children's.....	"	10,694	143,801
Hats, waterproofed.....	"	547	6,311
Hats, not specified—			
Men's.....	doz.	22,077	167,347
Women's.....	"	25,396	450,674
Children's.....	"	1,321	19,300
Tams, berets, and turbans.....	"	2,677	47,341
Headwear, not specified.....	—	—	842,528
Hats, cleaned and reblocked.....	doz.	1,758	20,942
Hat bodies.....	"	322,853	2,916,198
Hatters' supplies, including hat linings.....	—	—	147,180
Hay carriers.....	—	—	*
Hay loaders.....	No.	7,401	1,089,616
Hayrakes, dump, tedders, etc.....	"	14,429	1,315,875
Hay and straw balers.....	—	—	*
Heading, barrel.....	—	—	609,770
Hearing aids.....	—	—	*

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Heaters, air, electric.....	—	—	348,632
Heaters, auto and engine.....	—	—	2,588,315
Heaters, boiler, feed, water.....	—	—	456,798
Heaters, water tank, electric.....	No.	146,686	1,743,406
Heaters, water tank, gas.....	"	27,607	955,877
Heaters, water tank, cast iron.....	"	5,769	142,932
Heaters, not specified.....	—	—	399,319
Heaters, electric, unit.....	—	—	2,376,040
Heating and ventilating equipment, not elsewhere specified.....	—	—	4,857,755
Heels, leather and wood.....	pr.	16,317,097	2,003,600
Heels, rubber and composition.....	"	12,987,486	943,075
Heel lifts.....	—	—	10,562
Helmets.....	—	—	258,291
Hides, all kinds.....	—	—	18,504,523
Hockey pucks.....	doz.	28,648	23,433
Hockey sticks.....	"	97,786	976,615
Hoes, hand.....	No.	301,926	222,475
Hoes, horse or power.....	—	—	—
Hoists.....	—	—	1,707,960
Holders, cigar and cigarette.....	—	—	*
Hollow-ware, sterling silver.....	—	—	461,552
Hollow-ware and spinnings, aluminum, brass and copper.....	—	—	197,277
Hollow-ware, electro-silver plated.....	—	—	3,433,857
Hollow-ware, other.....	—	—	42,637
Honey butter.....	lb.	114,731	52,297
Hooks, eyes, notions, etc., not elsewhere specified.....	—	—	145,981
Hoops, wooden.....	M	1,608	47,557
Hoops, strips, (see "Sheets, hoops, etc.").....	—	—	—
Hooves and horns.....	lb.	1,608,027	54,283
Hormones.....	—	—	1,544,288
Horse-radish, prepared.....	—	—	90,883
Horseshoes.....	—	—	380,901
Hose, fire, unlined, linen.....	—	—	*
Hose, rubber.....	—	—	7,196,163
Hosiery—			
Cotton and cotton mixtures—			
Men's seamless—			
Work socks.....	doz. prs.	181,704	476,357
Fine socks.....	"	422,722	2,203,126
Other (anklets, sports, etc.).....	"	151,895	655,141
Women's seamless—			
Full length stockings.....	"	467,228	1,936,886
Other (anklets, sports, etc.).....	"	369,990	953,389
Children's seamless—			
Full length stockings.....	"	430,098	1,433,686
Golfers.....	"	141,072	537,060
Other.....	"	754,819	1,759,668
Full fashioned (all types).....	"	122,203	1,034,799
Silk and silk mixtures, seamless and full-fashioned.....	"	47,021	488,591
Rayon and rayon mixtures—			
Men's seamless.....	"	70,651	300,608
Women's seamless.....	"	212,876	827,065
Children's seamless.....	"	183,649	417,142
Full fashioned (all types).....	"	228,973	1,863,462
Synthetic fibres (nylon, etc.)—			
Seamless.....	"	186,016	1,372,056
Full fashioned.....	"	2,738,275	27,466,357
Wool and wool mixtures—			
Men's seamless—			
Work socks.....	"	603,020	3,025,105
Fine socks.....	"	823,780	7,338,019
Other.....	"	286,915	1,993,895
Women's seamless—			
Full length stockings.....	"	152,908	1,204,208
Other (anklets, etc.).....	"	128,075	662,646
Children's seamless—			
Full length stockings.....	"	342,032	1,947,554
Golfers.....	"	137,079	799,313
Other (half length, anklets etc.).....	"	199,460	730,966
Full fashioned (all types).....	"	50,000	661,990
Hosiery, not specified.....	—	—	423,979
Houses, pre-fabricated.....	—	—	1,743,923
Humidifiers and air conditioners.....	—	—	240,517
Hydrants.....	—	—	535,401

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Hydrogen.....	cu. ft.	86,503,832	300,962
Hydrogen chloride, anhydrous.....	—	—	*
Hydrogen peroxide.....	—	—	*
Hydrol.....	—	—	*
Ice, artificial.....	ton	820,556	4,496,344
Ice cream (factory).....	gal.	24,065,927	33,987,087
Ice cream mix.....	—	2,076,008	2,964,470
Ice cream sundries.....	—	—	151,291
Icings and icing paste n.e.s.....	lb.	445,114	159,846
Implements, hand, n.e.s.....	—	—	165,065
Incense.....	lb.	8,335	8,630
Incubators and other poultrymen's supplies.....	—	—	403,347
Infants' wear (see also "Knitted infants' wear")			
Bibs.....	doz.	47,079	78,740
Coats.....	—	19,304	1,070,867
Dresses.....	—	54,674	748,157
Diapers.....	—	29,176	88,004
Headwear.....	—	12,568	80,172
Night gowns.....	—	67,041	349,073
Rompers.....	—	30,419	387,087
Sleeping bags and bunting.....	—	7,981	318,635
Slips.....	—	6,261	32,658
Not specified.....	—	—	84,580
Ingots (see "Steel ingots, brass ingots", etc.)			
Ink, printing and lithographing.....	lb.	20,273,748	7,014,757
Ink, writing.....	—	946,147	319,331
Ink, not specified.....	—	—	276,684
Insecticides.....	—	—	2,646,946
Instruments, scientific, n.e.s.....	—	—	—
Insulating materials, n.e.s.....	—	—	1,230,643
Insulators, porcelain and insulator parts.....	—	—	4,508,234
Iron, pig—			
Quantity made.....	net ton	2,125,739	—
Quantity sold.....	—	454,341	17,165,056
Iron and steel products, rolled, n.e.s.....	—	—	2,174,384
Irons, electric.....	No.	356,600	2,501,409
Irons, electric, parts.....	—	—	*
Irons, gasoline.....	—	—	*
Irons, steam, commercial.....	—	—	*
Ironers, electric.....	No.	17,440	1,401,122
Iron work, ornamental and architectural.....	—	—	5,432,391
Ironing boards.....	—	—	*
Isobutylene.....	—	—	*
Jacks, auto.....	—	—	555,838
Jams.....	lb.	79,711,219	12,828,266
Javelle water.....	—	—	3,745,399
Jellies.....	lb.	4,933,356	802,897
Jersey cloth (included in "Knitted fabrics")			
Jewellery.....	—	—	12,753,350
Jigs and fixtures.....	—	—	896,237
Jointers, woodworking.....	—	—	155,770
Jute, jute paddings and jute yarn.....	—	—	1,249,811
Kapok.....	—	—	*
Kegs, beer.....	—	—	*
Kegs, fish.....	No.	9,047	24,917
Kegs, nail, etc.....	—	1,630,761	748,471
Kerosene.....	Imp. gal.	32,368,835	5,568,900
Kitchen equipment for hotels, cafeterias, etc.....	—	—	2,582,666
Kitchenware, aluminum, including pressure cookers.....	—	—	8,051,049
Kitchenware and ovenware, glass (Incl. with Glass, pressed and blown)			
Kitchenware, other (see also "Woodenware, kitchen").....	—	—	3,654,032
Knitted fabrics—			
Cotton stockinette, including meat wrap.....	lb.	1,257,274	1,379,934
Cotton, not specified.....	—	2,091,066	2,455,908
Rayon.....	—	1,562,200	2,216,839
Wool.....	—	625,745	1,224,440
Other.....	—	—	975,831

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Knitted goods, miscellaneous—			
Infants' jackets, booties, etc.	—	—	2,540,473
Knitting, custom	—	—	46,388
Knives, machine	—	—	1,028,259
Knives, bread, paring, etc.	—	—	35,150
Labels, gummed paper	—	—	292,079
Labels, fabric	—	—	760,735
Laces, shoe, silk, cotton, etc.	—	—	1,004,192
Laces, shoe, leather	doz. pr.	10,664	9,253
Laces, corset	—	—	61,219
Lacquers	—	—	5,180,512
Lacrosse sticks	—	—	*
Lactose (see "Sugar of milk")	—	—	904,767
Ladders, step, extension, etc.	—	—	9,498,729
Lamps, incandescent, except therapeutic (bulbs)	No.	93,467,630	2,422,940
Lamps, fluorescent (bulbs)	"	3,984,900	
Lamps, electric—			
Floor—			
Incandescent	—	—	1,507,029
Fluorescent	—	—	13,791
Table—			
Incandescent	—	—	1,354,468
Fluorescent	—	—	29,848
Not specified	—	—	244,500
Other—			
Incandescent	—	—	256,950
Type not specified	—	—	651,739
Lamps, other than electric	—	—	392,755
Lamp shades and wire frames	—	—	1,717,408
Lamp stands and lamp bases	—	—	370,717
Lanterns, including railway, marine, etc.	—	—	1,720,207
Lard	lb.	65,507,249	16,144,223
Lasts, trees and shoe findings, not elsewhere specified	—	—	834,687
Latex compounds	lb.	1,311,893	575,110
Lathes, metal-working	No.	145	816,032
Lathes, wood-working	—	—	28,311
Lath, metal	—	—	603,090
Lath, gypsum	sq. ft.	153,008,355	3,667,540
Lath, wood	M	149,786	1,339,374
Lead, acetate	—	—	*
Lead naphthenate	—	—	*
Lead oxides	—	—	*
Lead, refined	lb.	40,317,220	7,576,761
Lead, red	—	—	*
Lead, white, dry	—	—	677,405
Lead, white, in oil	lb.	3,969,862	1,326,441
Lead, sheet	"	6,393,367	4,014,019
Lead products, n.s.	"	20,272,033	66,335
Leads for pencils	—	—	
Leather—			
Belting	lb.	505,410	684,032
Bag, case and strap	sq. ft.	3,652,662	1,791,085
Garment	"	3,686,814	1,760,938
Glove	—	—	4,380,610
Harness	lb.	1,285,634	829,453
Lace	"	118,912	143,109
Oil tanned, shoe-pack	"	182,177	50,934
Sole—			
Chrome	"	237,624	137,114
Hemlock	—	—	*
Oak	lb.	23,222,886	14,170,825
Splits	—	—	*
Upholstering	—	—	*
Upper leather—			
Calf skins	sq. ft.	14,202,100	9,713,164
Cattle and horse hides	"	37,655,765	15,157,911
Chrome splits	"	10,666,472	2,337,564
Goat skins	—	—	*
Sheep skins	sq. ft.	2,097,433	663,085
Wax splits	"	1,635,685	365,905
Other leather, not specified	"	3,862,095	1,877,782

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value \$
Leather splits, not specified.....	—	—	870,752
Leather, not specified.....	—	—	1,650,207
Leather, artificial.....	sq. yd.	1,774,203	1,568,954
Leather goods, not specified.....	—	—	333,922
Lecithin.....	—	—	*
Lemon butter.....	—	—	27,740
Lenses, optical, contact.....	—	—	*
Lenses, optical, other.....	—	—	2,891,177
Life buoys, jackets, belts, etc.....	—	—	163,024
Lighter fluid.....	—	—	210,806
Lighters, cigarette and parts.....	—	—	2,493,268
Lightning arresters, n.e.s.....	—	—	1,111,441
Lightning rods and supplies.....	—	—	374,762
Lime, grey acetate.....	—	—	*
Lime, quick (incl. value of containers).....	—	—	11,207,249
Limestone (building and monument).....	—	—	2,356,370
Line material incl. overhead trolley (See also "Hardware, pole-line").....	—	—	*
Linings, brake, asbestos.....	ft.	4,737,912	1,621,861
Linings, glove, shoe, etc.....	—	—	1,954,995
Linings, not specified.....	—	—	74,267
Litharge.....	—	—	*
Lithographing (see "Printing").....	—	—	*
Locomotives, standard steam railway, new.....	No.	170	19,489,093
Locomotives, diesel-electric, new.....	"	6	558,825
Locomotives and car parts.....	—	—	6,985,120
Looms, weaving.....	—	—	303,252
Lubricating systems.....	—	—	1,166,204
Lumber, matched.....	M ft.b.m.	210,113	16,195,707
Lumber, planed.....	"	2,000,910	137,829,183
Lumber, sawn.....	"	4,665,905	254,545,873
Lumber, not specified.....	—	—	1,322,159
Lye.....	—	—	*
Macaroni and spaghetti, canned.....	lb.	17,624,801	1,939,648
Macaroni, vermicelli, spaghetti, etc.....	ton	42,561	7,787,251
Machinery—	—	—	*
Accounting machines.....	No.	10,874	1,164,071
Adding and other calculating.....	—	—	699,985
Bakers', mixing.....	—	—	353,457
Bakers', not elsewhere specified.....	—	—	*
Boring (metal-working).....	—	—	*
Bottlers.....	—	—	1,068,800
Canning and parts.....	—	—	1,396,925
Cheese factory.....	—	—	38,087
Chlorinating.....	—	—	*
Cleaning and pressing.....	—	—	1,251,505
Coal handling and coal pulverizing.....	—	—	247,869
Concrete and cement making.....	—	—	1,084,973
Conveyors.....	—	—	3,360,536
Dairy, including milking machines.....	—	—	2,912,289
Elevating and conveying, n.e.s.....	—	—	3,830,880
Elevator buckets.....	—	—	581,682
Flour and grist mill, not elsewhere specified.....	—	—	754,458
Grain grinding, cleaning, etc.....	—	—	431,776
Grain loaders and elevators.....	—	—	1,417,526
Hoisting, except mine hoists.....	—	—	8,498,661
Kitchen and other household.....	—	—	979,398
Knitting.....	—	—	*
Laundry.....	—	—	2,034,833
Leather-working, not elsewhere specified.....	—	—	1,689,300
Logging.....	—	—	1,718,941
Lumber and shingle drying.....	—	—	*
Metal-working, not elsewhere specified.....	—	—	340,641
Metering equipment.....	—	—	*
Milking (included in "Machinery, dairy").....	—	—	*
Milling (metal-working).....	—	—	4,621,230
Mining and metallurgical, not elsewhere specified, and parts.....	—	—	2,283,215
Office, not elsewhere specified.....	—	—	457,658
Oil refining.....	—	—	*
Paint and ink making.....	—	—	*
Plastics.....	—	—	526,898

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Machinery—concluded			
Printing.....	—	—	186,172
Pulp and paper.....	—	—	14,313,320
Refrigerating.....	—	—	1,417,016
Road and excavating.....	—	—	4,536,331
Rolling mill.....	—	—	932,225
Rubber mill.....	—	—	1,490,866
Sawing, band, machine.....	No.	2,027	240,114
Saw and planing mill.....	—	—	3,170,595
Sewing.....	—	—	*
Ships' and fittings.....	—	—	2,368,830
Stone working.....	—	—	509,573
Syrup-making.....	—	—	238,269
Textile, n.e.s.....	—	—	1,520,770
Transmission.....	—	—	3,626,774
Vulcanizing.....	—	—	*
Washing machines—			
Electric.....	No.	296,800	27,573,419
Hand.....	—	8,198	152,509
Other power.....	—	—	3,530,832
Parts and accessories.....	—	—	1,234,229
Well-drilling.....	—	—	*
Water softener equipment.....	—	—	*
Wood-working, n.e.s.....	—	—	1,629,160
Other, not specified.....	—	—	8,193,651
Machinery parts, not specified.....	—	—	987,125
Magnesia, calcined.....	—	—	*
Magnesium, stearate.....	—	—	*
Malt, made for sale.....	—	—	*
Malt flour.....	lb.	1,166,738	105,144
Malt extract and syrup.....	—	—	1,031,687
Malt coomings and sprouts.....	ton	8,862	257,970
Malt, caramel.....	—	—	*
Manganese naphthenate.....	—	—	*
Mantles, lamp.....	—	—	*
Manure spreaders.....	No.	9,836	1,764,391
Maple butter.....	—	—	*
Maps.....	—	—	516,439
Marble chips and dust.....	—	—	4,812
Marble, monuments.....	—	—	397,162
Marble, for building purposes.....	—	—	456,093
Marine and fishermen's supplies.....	—	—	293,404
Markers, animal, poultry, etc.....	—	—	*
Marmalades.....	lb.	21,791,775	3,015,955
Match splints and match blocks.....	—	—	*
Matches (wood-working).....	No.	14	201,803
Matches.....	—	—	4,160,395
Mats and matting, rubber.....	—	—	1,607,522
Mattresses.....	No.	967,392	14,309,488
Mattresses, air and sponge.....	—	—	*
Meal, alfalfa.....	ton	32,019	1,249,397
Meal, barley.....	"	40,942	2,245,880
Meal, cereal grass.....	"	11,455	882,571
Meal and oilcake, cocoanut.....	—	—	*
Meal, corn.....	ton	4,775	573,451
Meal, fish.....	"	42,606	5,440,706
Meal, flaxseed or linseed.....	"	2,609	198,805
Meal, meat, hoof, lung, liver, etc.....	"	13,189	1,028,173
Meal, mustard seed.....	—	—	*
Meal and oilcake, linseed.....	ton	106,722	7,167,543
Meal and oilcake, peanut.....	—	—	*
Meal and oilcake, rapeseed.....	—	—	*
Meal, pea.....	lb.	97,700	3,997
Meal, rice.....	—	—	*
Meal, rye.....	ton	251	30,815
Meal, sunflower.....	—	—	*
Meal, soybean.....	ton	55,433	4,297,492
Meat, scrap.....	lb.	50,008,418	1,927,823
Meats, canned—			
Beef—			
Spiced beef.....	"	3,816,904	1,325,605
Beef stews and boiled dinners.....	"	11,752,349	2,647,625
Other, including corned beef, beef sausage, roast beef, etc.....	"	7,970,050	2,405,797

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Meats, canned— <i>concluded</i>			
Pork—			
Spiced pork and ham.....	lb.	18,746,356	7,576,545
Roast pork and ham.....	"	2,333,400	1,432,722
Sausage.....	"	844,594	321,786
Other, including bacon, devilled ham, pigs' feet, etc.....	"	4,038,185	1,566,965
Poultry.....	"	557,153	380,185
Miscellaneous—			
Horse meat.....	—	—	*
Weiners.....	lb.	2,152,585	763,434
Meat paste (included in Paste, fish, meat and chicken)	"	—	—
Meat lunch.....	"	2,300,605	747,832
Other, including bologna, lunch tongue, etc.....	"	14,836,437	5,434,755
Meats, cooked, all kinds.....	"	34,775,260	16,937,354
Meats, cured—			
Bacon and sides.....	lb.	185,611,218	76,831,460
Beef, salted and cured.....	"	5,365,917	1,502,111
Hams.....	"	51,358,269	24,122,556
Pork, salted.....	"	53,379,803	16,891,323
Shoulders.....	"	37,888,678	16,530,848
Other.....	"	41,295,945	14,227,537
Meats, sold fresh—			
Beef.....	lb.	651,324,532	195,044,075
Fancy meats.....	"	48,315,466	9,449,469
Horse.....	"	18,418,861	1,249,728
Mutton and lamb.....	"	33,047,316	11,130,765
Pork.....	"	202,554,018	70,598,611
Veal.....	"	82,582,106	25,688,003
Other.....	"	238,687	89,408
Meats, sold frozen—			
Beef.....	lb.	43,784,973	12,413,608
Fancy meats.....	"	10,975,667	1,953,679
Horse.....	"	3,289,999	295,446
Mutton and lamb.....	"	5,910,541	1,732,975
Pork.....	"	17,510,702	5,881,080
Veal.....	"	4,557,885	1,385,199
Medicines and pharmaceuticals—			
Registered as patent medicines (all ingredients not declared).	—	—	12,826,631
Ethical specialties (ingredients declared)—			
Sold on physician's prescription.....	—	—	11,507,604
Sold without a physician's prescription.....	—	—	8,169,437
Other, including human medicines, antiseptics, etc.....	—	—	5,782,049
Metal products, not specified.....	—	—	545,323
Meters, gasoline.....	—	—	*
Meters, water.....	—	—	—
Meters, not specified, and meter parts.....	—	—	434,074
Methyl hydrate, crude and refined.....	imp. gal.	358,748	409,990
Mica products.....	—	—	277,522
Milk, sold in dairy factories.....	gal.	159,580,237	97,028,979
Milk, buttermilk, sold.....	—	—	842,091
Milk, buttermilk, condensed.....	lb.	326,785	10,832
Milk, condensed.....	"	35,101,471	5,992,985
Milk, condensed, skim.....	"	4,910,766	577,528
Milk, evaporated.....	"	250,057,657	30,086,418
Milk, skim.....	—	—	710,057
Milk, skim, evaporated.....	lb.	9,158,012	548,030
Milk products, not specified.....	—	—	4,042
Milk drinks, (see Food drinks)	—	—	—
Milling cutters.....	—	—	579,920
Mincedmeat.....	lb.	6,444,565	976,497
Mine props, wedges, etc.....	—	—	962,848
Mirrors.....	—	—	3,487,654
Molasses.....	—	—	1,429,170
Monuments, lettered only.....	—	—	244,959
Monuments, (see "Granite," "Limestone," "Marble")	—	—	—
Mops—			
Floor.....	doz.	126,433	800,487
Dust.....	"	40,646	377,360
Dish.....	"	39,661	48,174
Other, not specified.....	—	—	274,309
Mosquito netting, bars, etc.....	—	—	*
Motors, electric, A.C. and D.C. (except starting motors).....	No.	964,081	26,735,115
Motors, other, and parts.....	—	—	2,370,733

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Moulders, wood-working.....	No.	15	81,366
Mouldings.....	—	—	7,056,643
Moulds for bakelite and rubber.....	—	—	405,232
Mounting (trade work).....	—	—	1,025,254
Mowers, hay.....	No.	21,428	2,835,300
Mowers, lawn.....	"	76,097	1,421,005
Mucilage.....	—	—	102,811
Muffs, fur.....	No.	2,298	53,505
Muff beds.....	doz.	1,260	32,797
Munitions and other war supplies.....	—	—	5,070,386
Music, printed.....	—	—	104,247
Musical instruments, and parts, not elsewhere specified.....	—	—	178,256
Mustard, dry.....	lb.	358,136	62,890
Mustard, prepared.....	gal.	842,404	1,053,402
Mustard compound.....	lb.	173,980	31,179
Nails, aluminum.....	—	—	452,961
Nails and spikes, cut from plate—			
Quantity made.....	keg	18,055	—
Quantity sold.....	"	18,809	170,832
Nails, tacks and brads, wire—			
Quantity made.....	"	1,736,311	—
Quantity sold.....	"	1,742,277	9,808,333
Nails, horseshoe and other, n.e.s.....	—	—	358,922
Napkins, paper.....	—	—	1,616,920
Naphtha V.M. and P. or solvent.....	gal.	27,530,338	4,903,531
Neckties.....	doz.	738,462	7,251,561
Neckwear, women's.....	"	29,004	358,314
Neck pieces, fur.....	No.	29,744	975,726
Needles, knitting machine.....	—	—	—
Needles, knitting and other.....	—	—	626,930
Nets and nettings.....	—	—	—
Nickel salts.....	—	—	*
Nickel-silver, not elsewhere specified.....	—	—	139,698
Night dresses—			
Cotton and flannelotte.....	doz.	93,506	1,658,255
Silk and artificial silk.....	"	79,717	2,346,797
Night dresses, knitted and other n.e.s.....	"	23,667	900,051
Night-shirts.....	"	4,718	100,981
Nitrogen.....	—	—	*
Nitrous oxide.....	—	—	*
Non-ferrous alloys, not elsewhere specified.....	lb.	1,375,398	292,812
Novelties, advertising, and other not specified.....	—	—	1,171,638
Novelties, printed.....	—	—	969,936
Nuts, salted, etc.....	lb.	1,780,298	1,842,817
Oars and paddles.....	—	—	150,072
Oats, rolled.....	ton	69,928	7,696,360
Oatmeal.....	"	10,176	707,525
Offal, not specified.....	"	106,752	3,956,345
Oil burners and parts.....	—	—	2,349,845
Oilcloth, other than floor.....	—	—	*
Oil, aniline.....	—	—	*
Oil, coconut, crude and processed.....	—	—	*
Oil, corn.....	—	—	682,129
Oil, corn, crude.....	—	—	*
Oil, corn, refined.....	—	—	*
Oil, cotton seed.....	lb.	4,688,365	1,474,151
Oil, creosote.....	imp. gal.	11,341,706	2,717,349
Oil, engine and tractor di-tillate.....	"	43,955,237	6,706,268
Oil, fish (vitamin).....	lb.	4,729,884	3,384,980
Oil, fish, industrial.....	"	31,234,181	4,358,141
Oil, fuel, diesel.....	imp. gal.	193,894,603	19,146,342
Oil, fuel, heavy—			
For own use.....	"	122,777,072	9,329,980
For sale.....	"	688,177,459	58,285,131
Oil, fuel, light—			
For own use.....	"	140,987	14,083
For sale.....	"	187,822,196	21,487,194
Oil, fusel, (sold).....	"	37,704	27,509
Oil, lard.....	—	—	*

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Oil, linseed, boiled.....	gal.	1,162,563	2,552,746
Oil, linseed, raw.....	"	8,696,253	18,210,836
Oil, linseed, special.....	"	—	9,166,632
Oil, lubricating.....	"	—	25,681,492
Oil, neatfoot.....	lb.	751,117	177,973
Oil, oleo.....	"	1,781,663	392,923
Oil, peanut.....	"	—	*
Oil, rapeseed.....	"	—	*
Oil, soybean.....	ton	14,243	7,199,189
Oil, light, n.e.s.....	imp. gal.	1,574,263	464,207
Oil, naphthalene.....	"	—	207,962
Oil, stand blown, enamel, etc.....	"	—	*
Oil, marine, n.e.s.....	"	—	*
Oil, blended salad.....	"	—	*
Oil, acidless tallow.....	"	—	*
Oil, stove.....	imp. gal.	95,202,811	12,251,345
Oils, sulphonated, textile oils, and other textile chemicals.....	"	—	1,139,204
Oil, sunflower seed.....	ton	4,185	2,516,231
Oils, vegetable, n.e.s.....	lb.	2,257,025	585,407
Oils, other, not specified.....	"	—	916,563
Oleo stock.....	lb.	1,662,771	324,604
Olives, bottled, etc.....	gal.	336,158	1,472,680
Organs, pipe.....	No.	65	462,133
Organs, other and parts.....	"	—	675,465
Ornaments, not specified.....	"	—	245,290
Ovens, commercial cooking.....	"	—	558,147
Overalls—			
Men's and boys'.....	doz.	328,069	9,893,541
Children's.....	"	172,436	2,116,502
Overall coats, smocks, dusters, etc.....	"	62,757	2,044,127
Not specified.....	"	6,819	138,300
Oxygen.....	cu. ft.	565,869,719	5,297,530
Packing, asbestos.....	"	—	259,085
Packing, rubber.....	lb.	1,218,610	371,917
Packing, not specified.....	"	—	181,438
Packing house equipment.....	"	—	100,481
Pads, electric, heating.....	No.	111,709	475,821
Pads, couch.....	No.	11,061	89,890
Pads, shoulder.....	"	—	740,035
Pads, stair.....	"	—	32,160
Pads, stamp.....	"	—	*
Pads, sweat.....	"	—	64,387
Pads and padding, not specified.....	"	—	1,314,070
Pails, paper.....	No.	35,666,747	419,224
Pails, tin.....	"	—	608,099
Pails and tubs, wooden, etc.....	"	—	119,895
Painting equipment, not specified.....	"	—	1,552,278
Paint, varnish and enamel removers.....	gal.	130,111	345,243
Paints, cement.....	"	—	69,836
Paints, water-thinned—			
Resin emulsion paints, paste and semi-paste form—			
Interior.....	Imp. gal.	754,138	2,110,896
Exterior.....	"	7,310	19,640
Casein and other protein bound (cold water paints)—			
Interior.....	"	—	707,171
Exterior.....	lb.	1,692,786	124,064
Texture-type water paints.....	"	2,191,249	159,917
Calcimines—			
Hot water.....	"	2,641,643	149,659
Cold water.....	"	2,220,774	168,253
Paints, ready-mixed (incl. asphalt and tar).....	gal.	9,983,383	34,707,370
Paints, paste (not including water-paste paints).....	lb.	5,619,500	981,761
Paints and enamels, other.....	"	—	688,554
Panel boards and cabinets.....	"	—	2,184,187
Pants, breeches, etc.—			
Fine pants, men's and youths'—			
Woollen.....	No.	2,102,810	14,497,362
Other.....	"	297,269	1,251,758
Fine pants, boys'—			
Woollen.....	"	940,300	2,675,257
Other.....	"	699,659	1,313,715

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Pants, breeches, etc.— <i>concluded</i>			
Work pants, men's and youths'			
Woollen and mixtures.....	No.	912,936	3,567,898
Cotton.....	"	2,323,188	5,813,880
Work pants, not specified.....	"	56,784	106,749
Breeches, men's and youths'—			
Woollen and mixtures.....	"	95,820	411,195
Cotton.....	"	78,276	187,566
Breeches, boys—			
Woollen and mixtures.....	"	351,708	827,427
Cotton.....	"	65,652	133,731
Other.....	"	22,267	359,771
Pants, baby, rubber.....	—	—	511,907
Pants, rubberized and oiled.....	doz.	1,456	41,674
Paper—			
Adding machine and cash register.....	roll	2,912,267	224,879
Asbestos.....	—	—	*
Blotting, clay coated and enamelled.....	—	—	*
Blue print and photostat.....	—	—	683,059
Book.....	s. ton	78,346	14,934,574
Box cover, coloured.....	—	—	*
Writing pads, tablets, etc.....	—	—	1,045,743
Building and roofing paper—			
Asphalt saturated rag, asbestos and solka felt shingles.....	square	2,040,304	13,127,134
Mineral surfaced rag, asbestos and solka felt roofing.....	"	1,324,667	4,338,604
Smooth surfaced rag, asbestos solka felt roll roofing.....	"	1,168,470	2,571,178
Tar and asphalt saturated rag, asbestos and solka felts, not coated.....	ton	45,298	3,928,773
Tar and asphalt saturated and coated sheathings.....	"	17,629	2,172,313
Other felts and sheathings.....	"	570	108,335
Building papers, n.s.....	"	88,454	7,368,976
Paper, insulated siding.....	—	—	*
Carbon.....	—	—	2,100,795
Cigarette tubes and paper.....	—	—	*
Coated paper, other, n.e.s.....	—	—	4,212,993
Corrugated.....	—	—	791,745
Creped or crinkled.....	lb.	1,906,492	548,815
Fabric.....	—	—	*
Fine.....	s. ton	80,839	20,868,069
Foolscap, not elsewhere specified.....	—	—	128,142
Friction or flint glazed.....	—	—	*
Gummed (in sheets).....	—	—	*
Special industrial.....	s. ton	9,002	1,869,758
Lining, pan, shelf, etc.....	—	—	446,411
Parchment, vegetable.....	—	—	*
Oiled.....	—	—	*
Paper napkins and doilies (see "Napkins and Doilies")	—	—	*
Newsprint paper—			
In sheets, for printing.....	s. ton	86,494	8,749,371
In rolls, for printing.....	"	4,513,707	390,511,610
Side runs for pulping.....	"	39,810	2,806,777
Counter rolls.....	—	—	*
Other.....	—	—	*
Printing and specialty paper, groundwood.....	s. ton	72,423	9,376,325
Safety paper, for cheques, etc.....	—	—	548,388
Sanitary.....	s. ton	59,269	11,062,138
Tissue, converted.....	—	—	650,034
Tissue, other than sanitary, (basic stock).....	s. ton	10,417	2,865,779
Toilet, converted.....	cases	1,141,609	6,924,083
Towels, paper (see "Towels")	—	—	*
Typewriter, not elsewhere specified.....	ream	260,841	218,003
Wallpaper.....	—	—	*
Waterproofed, other than waxed, n.e.s.....	—	—	*
Waxed paper—			
Bread wrappers.....	lb.	23,075,999	4,282,175
Other, plain and printed.....	"	40,692,951	6,358,903
Wrapping paper—			
Unbleached sulphate kraft No. 1 and 2.....	s. ton	158,813	21,738,609
Bleached sulphite and sulphate.....	"	12,941	2,834,571
Unbleached and semi-bleached sulphate and sulphite.....	"	11,762	2,256,290
Miscellaneous furnishes.....	"	17,913	2,453,829
Wrapping, special.....	"	5,699	1,753,506
Paper, miscellaneous, not elsewhere specified, converted.....	—	—	1,083,958

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Paper—concluded			
Paper goods, including papeteries.....	—	—	1,117,174
Paper board—			
Box board.....	s. ton	387,341	37,182,083
Building, rigid insulating.....	"	107,894	10,650,081
Building, other.....	"	42,449	5,328,064
Container board—			
Container chip.....	"	6,858	500,626
Corrugating board.....	"	128,697	12,378,382
Liners.....	"	184,524	18,720,922
Mounting board.....	—	—	193,701
Clay coated and enamelled.....	—	—	*
Coated, other, not specified.....	—	—	2,602,608
Wallboard, building board, n.e.s.....	sq. ft.	54,953,440	1,800,211
All other board and paper, not specified.....	—	—	1,558,808
Parachute and parachute equipment.....	—	—	102,479
Paraldehyde.....	—	—	*
Parathion, 100%.....	—	—	*
Paste, adhesive.....	—	—	499,013
Paste, meat and chicken.....	lb.	6,470,877	2,357,020
Paste, flavouring.....	"	9,260	3,910
Paste, tooth (see "Dentifrices").....	—	—	*
Patterns and models, foundry and other, wood and metal.....	—	—	1,815,215
Patterns, paper.....	—	—	1,357,998
Peanut butter.....	lb.	17,371,963	5,611,167
Peanuts, roasted and salted (for sale).....	"	13,441,587	4,889,851
Peas, split.....	"	4,443,650	367,009
Peavies, cant hooks and pike poles.....	—	—	346,778
Pectin.....	—	—	*
Pencils, ordinary lead.....	gr.	490,857	1,979,419
Pencils, adjustable lead.....	"	11,281	604,488
Penicillin.....	—	—	1,710,595
Penicillin preparations.....	—	—	2,716,567
Pennants.....	—	—	82,084
Pens, fountain and ball point.....	doz.	207,114	2,853,427
Pen parts, pen holders and nibs.....	—	—	543,229
Pentastol acetate.....	—	—	*
Perchlorethylene.....	—	—	80,099
Percolators, electric.....	—	—	1,146,458
Perfumes.....	—	—	*
Periodicals, printed by publishers—			
Newspapers, daily—			
Gross revenue from advertising.....	—	—	63,311,016
Subscriptions and sales.....	—	—	30,792,211
Newspapers, weekly and other—			
Gross revenue from advertising.....	—	—	6,718,085
Subscriptions and sales.....	—	—	2,023,180
Magazines and other bound periodicals—			
Gross revenue from advertising.....	—	—	12,328,110
Subscriptions and sales.....	—	—	6,179,498
Phenol.....	No.	10,705,649	2,906,065
Phonograph records.....	—	—	140,317
Phonograph supplies, n.s.....	No.	5,216	137,701
Phonographs, electrically operated.....	—	—	*
Phosphorus.....	—	—	*
Phosphorus sequisulphide.....	—	—	7,510,536
Photo-engraving.....	—	—	*
Photographic materials, not elsewhere specified (including photo paper).....	—	—	1,818,005
Photography (commercial).....	—	—	567,699
Phthalic anhydride.....	—	—	*
Pianos—			
Grand.....	No.	51	43,932
Upright.....	"	4,884	1,677,118
Pianos in process of manufacture.....	"	1,036	104,919
Piano strings and other parts.....	—	—	389,640
Pickles, relishes and sauces (see also "Tomato catsup").....	M	11,613	482,016
Pickets.....	—	—	7,724,589
Pickles, framed.....	—	—	499,088
Picture and mirror frames.....	—	—	454,043
Pies, cakes and pastry (see also "Puddings, cakes, etc.").....	—	—	58,581,654
Pies, meat.....	—	—	674,256
Piling, sheet.....	—	—	*

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Pillow cases, bureau runners, scarves, etc.	—	—	1,327,138
Pillows	—	—	991,676
Pins, plain, and hair pins	—	—	952,986
Pipe and fittings, brass, bronze, copper	—	—	844,705
Pipe and fittings, cast iron, soil	—	—	7,119,098
Pipe and fittings, cast iron, other	ton	44,860	12,077,583
Pipe, lead	"	107,484	1,614,016
Pipe and fittings, malleable iron	lb.	7,269,315	5,088,766
Pipe, sewer, clay	ton	13,789	2,279,630
Pipe, sewer and culvert, cement	—	—	4,155,134
Pipe, culvert, n.e.s.	ton	16,818	4,343,703
Pipe, steel, rivetted, and welded	"	3,669	1,079,637
Pipe and fittings, steel, n.e.s.	"	113,756	15,600,458
Pipe and tubing, copper	lb.	16,478,395	5,864,905
Pipe, furnace and stove	—	—	1,871,142
Pipes, wooden	—	—	1,802,777
Pipes, other	—	—	*
Pipes, tobacco	—	—	111,425
Pipe (tobacco) cleaners	—	—	*
Piston rings, automobile	No.	17,042,825	1,700,813
Pistons, automobile, and piston ring expanders	—	—	1,140,353
Pitch	ton	87,616	2,511,270
Planers, metal-working	—	—	*
Planers, wood-working	—	—	*
Planing, custom	M ft. b. m.	774,179	4,676,433
Planters, corn	No.	8,207	601,175
Planters, potato	"	691	82,480
Plastics, moulded (see "Synthetics")	—	—	—
Plate and tank work, steel, miscellaneous	—	—	9,252,082
Plates, sheets and strips, brass, copper, etc.	lb.	42,611,612	13,655,199
Plates, flats, iron and steel	—	—	17,300,582
Plates, metal, license, name, etc.	—	—	1,278,696
Plates, paper	—	—	308,833
Plating and galvanized salts	—	—	*
Platinum, refined, and other platinum products	—	—	543,199
Play ground, track and field equipment	—	—	77,256
Play yards	—	—	48,754
Ploughs and parts	—	—	7,217,103
Ploughs, snow	—	—	440,434
Plugs, wooden	—	—	368,000
Plumbers' supplies, not elsewhere specified (Brass, copper, etc.)	—	—	10,424,106
Plywood	M sq. ft.	485,522	34,753,943
Poison, gopher and rat	—	—	165,085
Poles, all kinds	No.	3,833	13,065
Polish, furniture	—	—	404,038
Polish, metal	—	—	145,395
Polish, shoe	—	—	791,623
Polish, stove	—	—	55,683
Polishes and waxes, floor	—	—	6,905,885
Polishes and dressings, automobile	—	—	221,554
Polishes and dressings, leather	—	—	5,501
Polishes and dressings, not specified	—	—	83,034
Polishers, floor, electric and other	—	—	649,236
Polishing mitts and cloths	—	—	*
Popcorn	lb.	3,127,436	1,391,545
Polymer feed stocks	imp. gal.	16,837,135	2,311,701
Post cards, printed	—	—	687,183
Posts, steel	ton	6,535	581,911
Posts, other	—	—	*
Posthole diggers	—	—	*
Potassium chlorate	—	—	*
Potato chips (factory made)	lb.	4,087,035	1,923,391
Potato diggers	No.	175	26,811
Potato pickers	—	—	*
Pot holders	—	—	15,623
Pot scourers	—	—	*
Pottery, glazed and unglazed	—	—	921,970
Pottery from imported clay	—	—	41,853
Poultry, canned (see "Meats, canned")	—	—	—
Poultry, sold fresh	lb.	23,027,611	9,884,384
Powder, baking	"	11,842,534	2,338,145
Powder, buttermilk	"	5,716,337	517,535
Powder, cream	"	24,403	13,176

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Powder, custard.....	lb.	454, 103	108, 953
Powder, egg.....	"	9, 802, 852	11, 521, 302
Powder, food drinks.....	"	1, 947, 115	948, 482
Powder, ice cream.....	"	593, 574	152, 340
Powder, jelly.....	"	16, 206, 161	5, 352, 058
Powder, lactogen.....	"	—	*
Powder, whole milk.....	lb.	16, 902, 875	6, 773, 551
Powder, malted milk.....	"	—	152, 562
Powder, skim milk.....	lb.	60, 884, 347	8, 256, 505
Powder, pie filling.....	"	3, 028, 742	779, 263
Powder, protein.....	"	—	*
Powder, pudding.....	lb.	9, 627, 705	2, 434, 629
Powders, edible, not specified.....	"	3, 678, 908	915, 150
Powder, bronze, iron and aluminum.....	"	2, 447, 325	979, 388
Powder, sachet.....	—	—	121, 758
Powder, talcum and face.....	—	—	2, 273, 124
Presses.....	—	—	188, 231
Press cloths.....	—	—	*
Presses, tennis and badminton racquet.....	No.	28, 286	16, 726
Presses, hydraulic, and other power.....	—	—	1, 000, 302
Pressure cookers (included under "Kitchenware").....	—	—	*
Printing—	—	—	—
Circular letters.....	—	—	1, 149, 286
General, for trade.....	—	—	738, 118
Custom printing, (paper supplied by customer).....	—	—	1, 928, 274
Private and personal.....	—	—	1, 538, 655
Blue prints and photostats.....	—	—	632, 439
Periodicals printed for publishers.....	—	—	17, 519, 952
Other printed matter; menus, statements, bank notes, programs, etc. (see also "Advertising matter").....	—	—	10, 188, 462
Printing and painting on textile fabrics.....	—	—	2, 191, 777
Propane.....	gal.	3, 450, 406	252, 371
Propellers and shafts.....	—	—	*
Publications, subscriptions and sales (see "Printing" and "Periodicals").....	—	—	—
Puddings, cakes, etc. (canned and other).....	—	—	763, 086
Puffs, powder.....	gr.	34, 835	259, 466
Pulleys, wood and other.....	—	—	433, 379
Pulpers and slicers.....	—	—	*
Pulp, fruit (see "Fruit pulp").....	—	—	—
Pulpstones, artificial.....	—	—	*
Pulpwood.....	cord	325, 915	8, 746, 852
Pulp chips.....	units	195, 061	2, 054, 999
Pulp, wood—	—	—	—
Ground wood—	—	—	—
Quantity made.....	s. ton	4, 413, 513	—
Quantity sold.....	"	329, 968	21, 414, 630
Sulphate—	—	—	—
Quantity made.....	"	815, 076	—
Quantity sold.....	"	440, 143	58, 098, 149
Sulphite, bleached—	—	—	—
Quantity made.....	"	731, 653	—
Quantity sold.....	"	665, 568	91, 727, 254
Sulphite, unbleached—	—	—	—
Quantity made.....	"	1, 406, 358	—
Quantity sold.....	"	594, 662	65, 709, 777
Screenings—	—	—	—
Quantity made.....	"	152, 995	—
Quantity sold.....	"	64, 260	1, 912, 715
Other—	—	—	—
Quantity made.....	"	155, 484	—
Quantity sold.....	"	37, 647	4, 413, 572
Pumps, centrifugal.....	—	—	3, 917, 837
Pumps, hand.....	—	—	178, 839
Pumps, steam.....	—	—	*
Pumps, other power.....	—	—	475, 054
Pumps, pumping systems for country homes.....	No.	38, 900	3, 551, 568
Pumps, gasoline handling.....	—	—	1, 819, 003
Pumps, not specified, and pump parts.....	—	—	3, 726, 302
Punching machines.....	—	—	*
Purses, pocket-books and folders.....	No.	1, 868, 764	1, 298, 036
Putty and fillers, n.e.s.....	lb.	12, 644, 973	870, 006

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Pyjamas—			
Cotton and flannelette.....	doz.	283,999	6,364,238
Silk and artificial silk mixtures.....	"	18,036	651,791
Not specified.....	"	22,579	742,899
Pyrometers.....	—	—	*
Pyrotechnics and fireworks.....	—	—	385,536
Quilted goods.....	—	—	1,324,402
Racquets, tennis, badminton and squash.....	No.	53,116	212,245
Radar equipment (see "Radio communication equipment")—			
Radiators, automobile.....	—	—	4,139,189
Radiator and boiler compounds.....	—	—	170,375
Radiators, heating, concealed type.....	sq. ft.	5,142,553	2,348,303
Radiators, heating, standing type.....	"	8,040,421	3,848,071
Radiators and parts, heating.....	—	—	*
Radiators, electric.....	—	—	*
Radio communication equipment.....	—	—	2,866,605
Radio sets, tubes and accessories.....	—	—	32,153,481
Rail anchors.....	—	—	*
Rails, iron or steel—			
Quantity made.....	net ton	337,244	
Quantity sold.....	"	328,572	21,887,014
Rail frogs, switches and other track equipment.....	—	—	7,764,995
Railway car and coach fittings, bearings, etc.....	—	—	1,731,054
Railway equipment, n.e.s.....	—	—	932,877
Rakes, hand.....	No.	247,441	173,797
Razor blades.....	—	—	*
Razors, safety, electric and other, and parts.....	—	—	630,546
Razor straps.....	—	—	*
Recorders, time.....	—	—	*
Record players, electrically operated.....	No.	23,601	423,409
Rectifiers for storage battery charging, and parts.....	—	—	235,794
Reels, wire rope.....	—	—	*
Refractories—			
Cement, high temperature.....	ton	5,411	385,401
Firebrick from domestic clay.....	—	—	630,327
Firebrick from imported clay.....	—	—	1,710,273
Other.....	—	—	3,315,323
Refrigerators—			
Electric.....	No.	142,752	27,421,713
Electric, condensing units.....	—	—	3,110,044
Other.....	—	—	4,044,250
Refrigerator parts, not specified.....	—	—	726,740
Registers, cash.....	—	—	*
Registers and grills, air.....	—	—	833,629
Regulators, not specified.....	—	—	*
Remedies, stock and poultry.....	—	—	1,388,115
Rennet extract.....	—	—	*
Repair gums and fabrics.....	lb.	333,345	356,508
Repair kits.....	No.	544,491	74,888
Repair patches, tire and tube.....	"	821,503	203,006
Resin coating, synthetic.....	—	—	*
Resin film and resin film products.....	—	—	2,895,134
Ribbons.....	—	—	3,267,989
Rice, brewers'.....	—	—	*
Rice, cleaned, etc.....	—	—	*
Rifles.....	—	—	*
Rings, fruit jar, rubber.....	lb.	1,238,379	482,968
Rings, fruit jar, zinc.....	—	—	*
Robes, carriage and automobile.....	—	—	1,192
Rockwool.....	—	—	5,828,896
Rods and bars, bronze, and brass.....	lb.	24,983,295	6,970,195
Rods, copper wire.....	"	154,850,139	37,238,321
Rods, iron and steel, wire—			
Quantity made.....	ton	286,990	
Quantity sold.....	"	107,686	6,267,303
Roll covering, rubber.....	lb.	36,321	61,955
Rollers, land and land packers.....	—	—	355,579
Rollers, printers'.....	—	—	495,233
Rolls, rubber covered.....	—	—	1,371,968

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Rolls, bending and straightening (metal-working).....	—	—	551,040
Roofing preparations, n.e.s.....	—	—	514,269
Rope—			
Manilla.....	lb.	5,220,442	2,001,715
Sisal.....	"	6,147,595	1,800,901
Jute and hemp.....	"	405,584	142,647
All other.....	"	242,749	174,076
Rubber, reclaimed, dispersions and other.....	—	—	*
Rubber and rubber goods, hard.....	lb.	509,265	423,586
Rubber coverings, linings, etc.....	—	—	1,098,753
Rubber goods, moulded.....	lb.	2,213,260	1,250,152
Rubber goods, plumbers'.....	—	—	874,514
Rubber goods, sanitary, not elsewhere specified.....	doz.	599,524	143,442
Rubber goods, soft and sponge.....	—	—	1,558,055
Rubber automotive and aeroplane parts.....	lb.	4,785,649	2,293,191
Rubber goods, not specified.....	—	—	432,912
Rubber thread.....	lb.	695,067	1,264,227
Rubber, synthetic.....	"	90,094,025	16,884,850
Rugs, automobile.....	—	—	845,446
Rules, steel.....	—	—	*
Rules, wooden.....	—	—	257,860
Ruling (printing plants).....	—	—	493,131
Rust preventatives and removers.....	—	—	261,733
Saddles.....	No.	3,826	130,207
Saddle parts.....	—	—	27,255
Safes, vaults and fittings.....	—	—	2,588,951
Sails.....	—	—	79,915
Salt.....	—	—	5,828,467
Salt, curing.....	lb.	1,765,038	244,655
Sanders (wood-working).....	No.	37	42,749
Sandwich relish and spread.....	lb.	4,184,766	1,858,135
Sanitary ware.....	—	—	10,730,332
Sash, doors and other millwork.....	—	—	48,948,125
Sash, steel, brass, etc.....	—	—	2,039,209
Sauces, catsups and relishes (see "Tomato catsup, pickles, sauces, etc.")	—	—	*
Sauerkraut—			
Canned.....	lb.	5,668,397	407,526
Other.....	"	256,535	16,303
Sausage casings.....	—	—	3,621,790
Sausage, fresh or cured.....	lb.	65,201,213	22,404,949
Sawdust and waste, sold.....	—	—	1,246,751
Sawing, lumber, custom.....	—	—	294,284
Saws, all kinds.....	—	—	6,333,994
Saw parts and saw benches.....	—	—	1,717,813
Scales.....	—	—	2,945,931
Scarves.....	—	—	3,242,222
School supplies, not specified.....	—	—	97,457
Scientific equipment, not specified.....	—	—	1,002,761
Scissors and shears.....	—	—	*
Scrap, aluminum.....	lb.	1,035,845	119,201
Scrap, brass, bronze and copper.....	"	3,011,863	518,491
Scrap, iron and steel.....	ton	1,165	24,116
Screenings, barley, etc.....	—	—	1,542,503
Screens, door and window.....	—	—	151,611
Screen, industrial.....	—	—	657,152
Screws and screw machine products.....	—	—	7,714,104
Scufflers.....	No.	33,104	498,964
Scythes.....	—	—	*
Seals.....	—	—	300,096
Seasoning, dry and liquid.....	—	—	514,210
Seaweed, processed.....	—	—	*
Seed boxes for one-way discs, etc.....	No.	11,338	955,116
Shades, window, shade cloth, and fittings—			
Ordinary shades and blinds.....	—	—	2,365,727
Venetian blinds (factory made).....	—	—	4,396,772
Shade cloth, rollers, etc.....	—	—	1,101,477
Shanks, shoe.....	No.	1,230	227,702
Shapers, wood-working.....	"	59	85,154
Shapers, metal-working.....	—	—	189,556
Sharpeners, pencil.....	—	—	*

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Sharpening stones and files.....	—	—	195,224
Shawls.....	doz.	14,034	228,958
Shearing machines, metal-working.....	—	—	*
Sheet forms, commercial, etc., printed.....	—	—	26,807,912
Sheets and sheeting, cotton.....	—	—	6,631,542
Sheets, crib.....	—	—	163,322
Sheets, crib, rubber and rubberized.....	doz.	21,317	115,550
Sheeting and sheets, rubber and rubberized.....	—	—	116,680
Sheet ironware, not elsewhere specified.....	—	—	*
Sheet metal building materials, not elsewhere specified.....	—	—	2,844,567
Sheet metal freight car roofs.....	—	—	*
Sheet metal products.....	—	—	613,385
Sheets, aluminum.....	—	—	*
Sheets, hoops, bands and strips, iron and steel.....	ton	447,316	43,647,498
Sheets, corrugated only.....	—	—	2,786,130
Sheets, steel and aluminum, galvanized.....	—	—	11,523,137
Shields, dress.....	—	—	150,071
Shims, railroad and other.....	—	—	235,331
Shingle bands.....	—	—	78,618
Shingles, asbestos.....	—	—	*
Shingles, wooden.....	—	—	24,513,340
Shipbuilding and repairs.....	—	—	141,430,891
Shirts, fine—			
Cotton.....	doz.	759,832	19,978,020
Silk and artificial silk.....	—	19,450	605,665
Shirts, dress.....	—	8,381	267,816
Shirts, work—			
Cotton.....	doz.	399,046	7,696,942
Wool.....	—	40,761	1,467,368
Shirts, not specified.....	—	119,137	1,705,548
Shirts, sport, men's, youths' and boys'.....	—	225,575	7,368,815
Shock absorbers, automobile.....	No.	406,773	1,014,716
Shoddy, mungo and wool extract.....	lb.	2,891,050	286,756
Shoe trimmings.....	—	—	72,544
Shoe uppers and tops.....	pr.	132,086	307,342
Shooks, box.....	M ft. b.m.	130,809	11,633,476
Shortening—			
Containing animal fat and marine oil.....	lb.	102,972,070	27,216,353
Wholly vegetable.....	—	34,341,082	9,502,171
Shortening substitute.....	—	—	*
Shorts and middlings.....	ton	483,319	24,007,112
Shovels, hand.....	—	—	125,392
Shovels, power.....	—	—	744,497
Shuttlecocks, badminton.....	—	—	*
Signal systems (traffic, fire alarm, etc.).....	—	—	816,684
Signs, electric, gas, Neon and other luminous tube.....	—	—	2,610,908
Signs, metal, etc.....	—	—	2,718,884
Silicon carbide.....	ton	52,896	6,921,197
Silico manganese, silico spiegel, etc. (see "Ferro-alloys")			
Silk, broad—			
All silk and mixtures, containing silk.....	yd.	161,819	171,401
All continuous filament synthetic yarn.....	—	65,824,529	46,343,688
Spun rayon and mixtures.....	—	27,938,573	17,611,922
Continuous filament synthetic yarn mixtures.....	—	5,140,244	5,077,275
Artificial silk goods, n.e.s.....	—	—	2,438,872
Silk screen printing.....	—	—	*
Silver alloys.....	—	—	326,845
Silver, fine.....	—	—	1,582,310
Silver, sterling, melted, rolled, etc.....	—	—	2,800,739
Size.....	—	—	981,395
Skates.....	lb.	14,277,283	1,234,611
Skewers.....	pr.	763,884	44,755
Skis.....	—	—	619,846
Ski poles and fittings.....	pr.	156,274	298,979
Skins, calf.....	No.	710,104	3,790,242
Skins, sheep.....	—	849,639	1,527,645
Skins, pickled.....	—	98,156	1,114,272
Skins, raw and dressed.....	—	—	2,657,324
Skirts—			
Cotton.....	No.	217,150	345,266
Artificial silk and mixtures.....	—	927,379	2,785,200
Woollen.....	—	909,583	3,485,205
Other.....	—	42,698	173,208

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Slabs and edgings.....	cord	902,963	2,940,875
Sleeve protectors.....	—	—	17,907
Sleighs, horse drawn, etc.....	—	—	373,902
Sleighs, baby.....	No.	30,241	78,308
Sleighs, children's.....	"	107,872	187,189
Sleighs, dog.....	"	434	8,073
Slicers, meat and bread.....	—	—	*
Slippers, cloth, carpet, etc.—			
Babies.....	pr.	57,414	50,624
Boys' and youths'.....	"	113,363	136,621
Misses' and children's.....	"	963,065	939,052
Men's.....	"	409,789	1,019,215
Women's and growing girls'.....	"	2,185,939	2,888,093
Not specified.....	—	—	107,061
Sliver, roving, etc.....	lb.	186,429	93,219
Smelter and refinery products.....	—	—	576,383,967
Smocks, women's.....	doz.	22,899	594,222
Smoke breeching.....	—	—	80,568
Smoker sets and smokers' supplies n.e.s.....	—	—	264,123
Smokestacks, steel.....	—	—	221,555
Snaths, scythe.....	—	—	*
Snowmobiles and parts.....	—	—	*
Snow removing equipment.....	—	—	862,945
Soap—			
Household, laundry, and chips.....	—	—	7,511,054
Liquid, not specified.....	—	—	991,671
Paste and jelly.....	lb.	1,817,066	214,903
Polishing or scouring.....	—	—	44,552
Powder.....	—	—	15,481,284
Soft.....	lb.	354,455	46,728
Textile and mill.....	"	3,604,557	546,218
Toilet, bars and liquid.....	"	40,819,380	11,893,593
Shaving, including shaving creams.....	—	—	1,407,054
Hard, all other.....	lb.	35,917,726	5,256,679
Soap, not specified.....	—	—	1,037,299
Soap stock.....	ton	985	146,172
Sodium azide.....	—	—	*
Sodium carbonate.....	—	—	4,566,235
Sodium carboxymethyl cellulose.....	—	—	*
Sodium chlorate.....	—	—	*
Sodium hydroxide.....	lb.	146,762,251	3,885,538
Sodium hypochlorite.....	—	—	*
Sodium metabisulphite.....	—	—	*
Sodium metasilicate.....	—	—	*
Sodium phosphate, disodium and tri-sodium.....	lb.	19,119,575	1,054,006
Sodium pyrophosphate.....	—	—	*
Sodium silicate.....	—	—	*
Sodium sulphate and sulphite.....	—	—	*
Sodium thiosulphite.....	—	—	*
Solder.....	lb.	10,480,048	4,511,761
Soling, rubber—			
Rubber and composition soles.....	pr.	3,585,453	1,693,889
Rubber and composition half-soles.....	"	973,723	271,308
Soling and slabs for heels.....	lb.	1,147,839	315,315
Soles, not elsewhere specified.....	pr.	1,186,991	479,535
Soles, felt and other (insoles).....	—	—	521,232
Soup, canned.....	lb.	125,913,268	17,991,461
Soup, dehydrated.....	—	—	*
Soup mixtures.....	lb.	3,697,855	2,332,971
Soup filler or cracker meal.....	"	374,408	54,085
Soya bean products, n.e.s.....	—	—	2,216
Spades and shovels.....	No.	1,151,778	1,383,735
Spark plugs.....	"	14,623,798	3,821,547
Speed reducer units.....	—	—	1,742,530
Spice compound.....	lb.	551,239	120,951
Spices, mixed, whole or ground.....	"	4,944,013	2,360,273
Spikes, railway.....	ton	13,292	1,241,471
Spikes, ship and drift.....	"	368	48,501
Spikes, other.....	—	—	*
Spinning and weaving, custom.....	—	—	795,022
Spinning wheels.....	No.	539	6,360
Spinings, metal, etc.....	—	—	*

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Spirits, produced during the year but placed in bond for maturing—			
Whiskey, rye type.....	prf. gal.	7,683,440	7,039,788
Whiskey, scotch type.....	"	395,504	369,019
Whiskey, other.....	"	4,165,514	3,844,868
Gin.....	"	679,416	873,073
Other beverage spirits.....	"	4,288,098	4,092,494
Spirits, beverage, net sales—			
Whiskey, scotch type.....	prf. gal.	458,682	3,706,650
Whiskey, rye type.....	"	6,381,776	43,940,022
Whiskey, other types.....	"	124,866	258,090
Gin.....	"	733,102	3,741,873
Brandy and rum.....	"	211,423	1,644,449
Liqueurs, cordials and cocktails.....	"	80,745	770,769
Other beverage spirits.....	"	268,639	338,545
Spools, bobbins and shuttles.....	—	—	2,482,826
Sports gloves and mitts.....	—	—	556,074
Sporting goods, not specified.....	—	—	720,893
Sprayers, hand.....	No.	10,004	118,940
Sprayers, power.....	"	4,380	520,828
Sprayers, not specified.....	—	—	942,333
Springs, automobile.....	—	—	5,316,513
Springs, bed and upholstering—			
Box.....	No.	48,181	1,117,770
Coil.....	"	49,535	124,251
Cable.....	"	114,002	767,343
Link.....	"	81,847	814,317
Slat.....	"	212,371	1,938,511
Bed and upholstering, not specified.....	—	—	4,782,512
Springs for cars and locomotives.....	—	—	1,339,334
Springs, other.....	—	—	2,729,533
Squares, hardwood.....	M ft. b.m.	31,702	2,431,473
Stabilizers, ice cream, etc.....	lb.	58,033	62,012
Stains.....	imp. gal.	439,692	978,561
Stampings, metal, not specified.....	—	—	5,805,646
Stamps, rubber.....	—	—	637,394
Stamps, not specified.....	—	—	239,807
Stamps, postage, revenue, etc.....	—	—	825,673
Staples, wire.....	keg	32,059	219,152
Starch, corn, edible.....	—	—	*
Starch, corn, laundry.....	—	—	*
Starch and flour, potato.....	ton	2,736	407,901
Starch, wheat.....	—	—	*
Starch, blended.....	—	—	*
Starches, n.e.s.....	—	—	*
Stationery goods, not specified.....	—	—	353,223
Statues and art goods.....	—	—	654,665
Staves, barrel.....	M	68,296	1,856,293
Steam traps, etc.....	lb.	1,446,689	295,715
Stearine.....	—	—	273,133
Steel, erected (structural work)—			
Bridges.....	ton	15,982	4,234,747
Buildings.....	—	—	30,010,527
Transmission towers.....	ton	18,339	4,072,416
Other.....	"	9,636	2,418,496
Steel shapes, structural (angles, channels, tees, etc.)—			
Quantity made.....	ton	175,031	
Quantity sold.....	"	173,949	12,830,518
Steel and alloy steel ingots—			
Quantity made.....	net ton	3,087,063	
Quantity sold.....	"	68,354	3,336,482
Steel, miscellaneous.....	—	—	13,967,158
Steel wool.....	—	—	*
Steep water.....	—	—	*
Stellite.....	—	—	*
Stencils, paper (office machine).....	—	—	*
Stencils.....	—	—	60,869
Stockinette (see "Knitted fabrics").....	—	—	
Stocking dryers.....	—	—	33,242
Stokers, mechanical.....	—	—	2,693,108
Stoker parts.....	—	—	1,238,556
Stone, artificial.....	—	—	671,540
Stoneware.....	—	—	*
Store fixtures, n.e.s.....	—	—	590,483

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Stoves—			
Coal and wood.....	No.	282,267	13,523,719
Electric and combination coal and electric.....	"	194,907	17,411,349
Gas and combination coal and gas.....	—	—	4,887,040
Gasoline and oil.....	—	—	1,468,684
Plates, stove, stove parts, etc.....	—	—	2,033,945
Straps, leather.....	doz.	275,218	578,877
Straws, drinking.....	M	468,983	264,634
Streptomycin.....	—	—	*
Streptomycin preparations.....	—	—	*
Strings, racquet.....	—	—	*
Styrene.....	—	—	*
Sugar butter.....	lb.	3,365,205	630,584
Sugar, granulated—			
Beet.....	"	170,621,350	93,059,358
Cane.....	"	976,275,021	10,678,251
Sugar, brown or yellow.....	—	142,338,703	*
Sugar, grape.....	—	—	*
Sugar, invert.....	—	—	*
Sugar, loaf.....	lb.	12,432,520	1,242,704
Sugar, maple (factory made).....	—	—	*
Sugar of milk.....	lb.	1,115,516	147,730
Sugar, pulverized or icing.....	"	56,754,577	5,093,508
Suits—			
Men's and boys'—			
Boys', woollen.....	No.	280,382	2,759,503
Men's and youths', woollen.....	"	1,842,091	56,390,600
Men's and boys', other.....	"	35,342	369,681
Sport, men's and youths' (see "Clothing")			
Women's and misses'—			
Cotton.....	No.	777	13,448
Silk and artificial silk.....	"	72,625	1,069,912
Woollen.....	"	631,920	15,247,738
Other, not specified.....	"	40,964	1,307,196
Children's—			
Wool.....	No.	17,778	114,909
Cotton.....	"	29,704	71,195
Other, not specified.....	"	16,784	33,990
Play suits and other washable.....	doz.	91,980	913,514
Knitted, women's and children's.....	No.	9,576	230,330
Sulphur dioxide, liquid.....	—	—	1,487,698
Superheaters.....	—	—	*
Superphosphate.....	—	—	*
Surfacers, wood-working.....	No.	11	39,197
Surgical and orthopaedic appliances, and surgical dressings—			
Surgical bandages and dressings.....	—	—	*
Surgical belts.....	doz.	8,870	853,943
Surgical stockings, elastic.....	"	10,463	231,153
Orthopaedic corsets.....	pr.	108	5,179
Artificial limbs.....	No.	1,414	190,984
Foot easers, arch supports, knee caps, etc.....	—	—	149,159
Trusses.....	doz.	6,490	190,661
Other surgical supports.....	—	—	464,497
Surgical instruments and orthopaedic appliances, not specified	—	—	537,275
Suspenders, supporters and garters.....	doz.	450,478	1,981,252
Swathers.....	No.	9,572	3,818,253
Sweaters, jackets, etc.....	doz.	1,136,579	23,653,031
Sweeping compounds.....	—	—	309,984
Switch gear and protective equipment (except telephone switch-boards).....	—	—	18,059,041
Synthetic and plastic products, n.e.s.....	—	—	19,826,319
Syringes, fountain, and attachments.....	doz.	32,060	99,681
Syrup, corn.....	—	—	*
Syrup and fruit juices, fountain.....	—	—	2,395,705
Syrup, maple (factory made).....	—	—	*
Syrups, table.....	gal.	91,387	176,619
Syrups from cane, (not including molasses).....	ton	6,751	1,030,890
Syrups for soft drinks (for sale).....	imp. gal.	3,895,801	6,732,205
Table cloths and napkins.....	—	—	691,978
Table cloths, plastic.....	—	—	*
Tableware, plastic.....	—	—	*

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Tableware, pottery.....	—	—	2,824,863
Tacks, cut wire.....	—	—	935,948
Tags and labels, shipping.....	—	—	14,771,225
Tags and tickets, printed.....	—	—	2,485,878
Tags, not specified.....	—	—	21,664
Tailors' supplies, n.e.s.....	—	—	3,517,116
Tallow.....	—	—	13,755,259
Tankage, animal, wet (see also "Cracklings").....	lb.	57,119,968	2,016,310
Tanks, steel, storage, black, galvanized, etc.....	—	—	6,526,060
Tanks, pressure, n.e.s.....	—	—	1,953,587
Tanks, steel, pneumatic.....	—	—	728,874
Tanks, steel, septic.....	—	—	397,374
Tanks, other, not specified.....	—	—	2,680,047
Tanner's bate.....	—	—	*
Tape, adhesive.....	—	—	*
Tape, rubber and friction.....	lb.	2,708,198	1,593,090
Tape, paper, gummed.....	—	17,943,540	3,161,073
Tape, telegraph.....	—	—	*
Tapes, fabric.....	—	—	1,626,602
Tapes, measuring, steel, etc.....	—	—	*
Tapestries and other upholstering materials.....	yds.	3,299,360	4,499,456
Tapioca.....	—	—	*
Tar, coal and crude.....	imp. gal.	37,741,587	4,440,142
Tar, refined.....	—	2,443,658	416,869
Tar from petroleum refineries.....	—	—	*
Targets, clay.....	—	—	*
Tea, blended, etc.....	lb.	39,071,295	33,043,521
Telephone material.....	—	—	32,256,110
Tenoners and mortisers, wood-working.....	No.	138	53,803
Tents.....	—	—	738,966
Textile and leather specialties, n.e.s.....	—	—	1,262,648
Thermit.....	—	—	*
Thermometers, all kinds.....	—	—	*
Thickeners, mining and metallurgical.....	—	—	*
Thinners, pyroxylin.....	—	—	1,701,547
Thread, cotton.....	—	—	8,807,245
Thread, artificial silk, linen, etc. (see also "Yarn").....	—	—	1,157,929
Threading machines.....	—	—	120,865
Threshers and combine reaper-threshers.....	No.	28,945	40,685,547
Ties, wooden.....	—	7,925,399	11,722,076
Tile, asphalt and other, n.s.....	—	—	3,255,092
Tile, drain (from domestic clay).....	—	—	1,082,109
Tile, floor (from domestic clay).....	sq. ft.	22,627	89,719
Tile, floor and wall (from imported clay).....	sq. ft.	1,437,139	807,621
Tile, hollow blocks incl. fire proofing and load bearing tile.....	ton	166,195	2,364,949
Tile, plastic and other n.s.....	—	—	977,159
Tiling, rubber.....	lb.	386,470	181,534
Tin alloys.....	—	—	*
Tin.....	lb.	157,161	143,860
Tinned plate.....	ton	9,458	206,726
Tinsel garlands and ribbons.....	—	—	*
Tinware, japanned or not.....	—	—	691,095
Tire braids, auto.....	—	—	*
Tire fabrics.....	lb.	25,911,776	17,801,414
Tires and tubes—			
Balloon, casings.....	No.	4,209,450	83,658,379
High pressure, casings.....	"	20,802	279,893
High pressure and balloon inner tubes.....	"	4,122,153	10,478,945
Bicycle tubes and tires.....	"	1,596,701	1,402,342
Aeroplane tires.....	"	307	20,510
Aeroplane tubes.....	"	363	6,995
Motorcycle tires.....	"	11,819	100,671
Tires, implement and tractor.....	"	590,059	11,097,463
Tires, industrial.....	"	16,864	125,661
Tires, rubber, not specified.....	—	—	291,841
Tires, rebuilt.....	—	—	*
Tires, railway car.....	—	—	*
Tissues, cleansing, paper.....	—	—	*
Toasters, electric.....	No.	270,803	1,637,266
Tobacco—			
Chewing, cut and twist.....	lb.	207,275	342,522
Chewing, plug.....	"	1,837,677	2,841,186
Smoking, leaf.....	"	167,234	107,215

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Tobacco—concluded			
Smoking, cut.....	lb.	25,858,809	46,014,578
Smoking, plug.....	"	311,286	485,166
Snuff.....	"	992,359	2,109,405
Stems and cuttings.....	"	—	6,166
Tobacco, raw leaf, processed.....	lb.	97,176,239	46,916,632
Tobacco curing equipment.....	—	—	*
Tobacco pouches.....	—	—	45,590
Toboggans.....	—	—	237,871
Toilet preparations, not elsewhere specified—			
Bath salts, bath oils.....	—	—	342,700
Brilliantine, solid.....	—	—	8,780
Compacts and lipsticks.....	—	—	1,110,053
Creams, solid or liquid, all kinds.....	—	—	2,452,398
Shampoos and hair rinses.....	—	—	1,492,910
Bay rum, hair tonics, brilliantine, liquid.....	—	—	1,263,055
Toilet water and lotions.....	—	—	3,242,792
All other.....	—	—	3,245,125
Toiletware, plastic and other.....	—	—	350,997
Toiletware, silver.....	—	—	339,387
Toluene.....	—	—	*
Tomato catsup, canned.....	lb.	11,797,768	1,148,640
Tomato catsup, other.....	"	37,690,295	8,615,935
Tomato juice.....	"	184,415,568	11,062,269
Tomato paste and puree.....	"	32,610,456	4,315,928
Tomato pulp.....	"	5,900,006	247,810
Tools, carpenters' and mechanics' other than portable pneumatic and electric tools.....	—	—	3,509,338
Tools, machine, n.e.s.....	—	—	1,306,210
Tools, small, cutting.....	—	—	1,779,709
Tools, not elsewhere specified.....	—	—	7,546,649
Toothpicks.....	—	—	*
Toppings, for ice cream and cake.....	—	—	995,635
Tow, green.....	lb.	12,065,344	594,768
Towels and towelling—			
Bath mats and sets.....	—	—	244,581
Face cloths.....	doz.	780,493	842,528
Towels, all kinds.....	"	1,616,592	5,867,829
Towelling.....	yd.	3,209,469	805,126
Towels, sanitary, all kinds.....	—	—	6,252,710
Towels, paper.....	cases	494,921	1,851,940
Toys—			
Metal.....	—	—	804,058
Plastic.....	—	—	2,704,338
Wooden.....	—	—	631,253
Miscellaneous, including model aeroplanes.....	—	—	2,215,530
Tractors.....	—	—	20,777,613
Trade work, n.e.s. (printing plant).....	—	—	1,612,546
Trailers—			
Cabin or house type.....	—	—	468,692
Commercial (except logging).....	—	—	3,703,256
Logging.....	—	—	675,744
Parts, not specified.....	—	—	260,827
Transfers, paper, decalcomania.....	—	—	1,268,618
Transfers, paper, dry.....	—	—	134,770
Transformers.....	—	—	29,586,297
Transformer parts.....	—	—	789,807
Trans mission towers, electric (see "Steel erected").....	—	—	—
Traps and fittings, lead.....	lb.	1,311,510	474,613
Traps, mouse and rat.....	—	—	*
Traps, other.....	—	—	*
Trays, display and other.....	—	—	61,975
Trichlorethylene, refined.....	—	—	569,399
Trimnings, not specified.....	—	—	201,684
Trophies.....	—	—	2,195,413
Trucks, factory, and other hand trucks.....	—	—	478,189
Trucks and bodies, farm.....	—	—	1,313,709
Trunks, all kinds.....	No.	161,591	1,408,678
Tubes, collapsible.....	—	—	35,498
Tubes, vacuum, X-ray tubes.....	—	—	2,767,484
Tubing, brass, bronze, and aluminum.....	—	—	*
Tubing, Neon.....	—	—	—
Tubing, rubber.....	lb.	353,786	207,054

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Tubing, steel.....	—	—	7,742,668
Tubing and wristing, knitted.....	lb.	389,563	465,301
Tubs, laundry, cement.....	—	—	270,131
Turbines and water wheels.....	—	—	2,810,550
Turpentine.....	—	—	*
Twine and cordage—			
Binder twine, all sisal and chiefly sisal.....	lb.	66,071,290	9,546,513
Other twine, all hemp and all flax.....	—	192,619	134,026
Other twine, all jute.....	"	3,041,341	1,141,105
Other twine, all sisal.....	"	7,072,876	1,761,179
Other twine and cordage, not specified.....	—	—	4,439,496
Type and type metal.....	lb.	8,601,466	1,824,902
Typesetting (trade composition).....	—	—	3,322,010
Typewriters.....	No.	77,826	6,315,060
Typewriter ribbons.....	—	—	967,033
Typewriter supplies, n.e.s.....	—	—	*
Umbrellas.....	—	—	1,294,346
Undertakers' supplies, not specified.....	—	—	363,263
Underwear—			
Cotton and cotton mixtures, separate, knitted—			
Fleece—			
Men's.....	doz.	78,815	1,020,158
Women's.....	"	26,535	213,058
Children's.....	"	83,294	526,867
Summer ribs—			
Men's.....	"	507,804	3,365,573
Women's.....	"	199,224	1,088,405
Children's.....	"	232,267	963,633
Winter ribs—			
Men's.....	"	68,793	936,641
Women's.....	"	123,441	904,229
Children's.....	"	221,951	1,080,537
Balbriggan—			
Men's.....	"	75,547	615,697
Women's.....	"	84,856	446,142
Children's.....	"	60,282	199,529
Cotton and cotton mixtures, combination, knitted—			
Fleece—			
Men's.....	"	82,148	1,707,910
Women's.....	"	226	8,028
Children's.....	"	48,745	692,526
Summer ribs—			
Men's.....	"	31,803	577,069
Women's.....	"	1,814	27,349
Children's.....	"	8,943	106,923
Winter ribs—			
Men's.....	"	136,355	2,869,312
Women's.....	"	1,238	22,127
Children's.....	"	61,933	701,283
Balbriggans—			
Men's.....	"	94,429	1,339,762
Women's.....	"	4,256	31,240
Children's.....	"	18,556	156,951
Silk, artificial silk and mixtures, knitted—			
Combination—			
Men's.....	"	2,986	46,887
Women's.....	"	177	2,209
Separate—			
Men's.....	"	10,856	94,013
Women's.....	"	386,659	2,645,775
Children's.....	"	14,529	72,853
All wool, combination, knitted—			
Men's.....	"	67,423	2,072,896
Women's and children's.....	"	16,982	249,687
Wool mixtures, combination, knitted—			
Men's.....	"	41,910	1,539,149
Women's and children's.....	"	7,347	152,246
All wool, separate, knitted—			
Men's.....	"	32,817	690,916
Women's.....	"	10,544	161,821
Children's.....	"	1,766	29,669

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Underwear—concluded			
Wool mixture, separate, knitted—			
Men's.....	doz.	22,989	505,943
Women's.....	"	53,822	745,491
Children's.....	"	35,546	364,386
Knitted, not specified—			
Men's and youths'.....	"	5,386	86,397
Women's and misses'.....	"	698,479	3,382,693
Children's.....	"	389,982	1,160,109
Shorts, woven and flat.....	"	69,612	652,824
Woven, not specified—			
Women's and misses'.....	"	225,030	2,197,497
Children's.....	"	40,440	190,854
Not specified.....	"	40,855	342,704
Underslips—			
Artificial silk.....	"	262,558	5,707,642
Artificial silk and mixtures.....	"	108,779	2,632,378
Cotton.....	"	46,041	519,514
Not specified.....	"	157,168	3,171,397
Uniforms, woollen.....	No.	93,221	2,461,776
Uniforms, cotton, nurses', maids, etc.....	—	—	1,374,163
Upholstering materials, (see "Tapestries")			
Valves, brass and bronze.....	—	—	5,275,223
Valves, iron.....	—	—	2,554,902
Valves, steel.....	—	—	1,375,394
Valves, tire.....	—	—	*
Valves, not specified.....	—	—	291,758
Varnishes.....	—	—	8,759,506
Vaults, burial, cement and other.....	—	—	195,142
Vegetables, canned—			
Asparagus.....	lb.	2,060,605	616,439
Beans, baked.....	"	79,725,382	8,053,180
Beans, green or wax.....	"	35,414,413	3,088,507
Beans, lima.....	"	2,879,384	269,828
Beets.....	"	4,516,461	392,660
Carrots.....	"	6,859,952	432,627
Carrots and peas.....	"	6,328,659	651,344
Corn, cream of, whole grain, etc.....	"	80,662,583	9,688,926
Mushrooms.....	"	928,849	340,501
Peas.....	"	123,099,219	11,193,540
Pumpkin and squash.....	"	3,026,008	166,482
Spinach.....	"	1,799,990	198,052
Tomatoes.....	"	140,300,492	12,019,352
Vegetables, mixed.....	"	8,536,760	779,846
Vegetables, other.....	"	1,854,389	205,661
Vegetables, evaporated and dehydrated.....	"	200,909	135,689
Vegetables, in brine.....	"	308,845	18,443
Vegetables, frozen or cold pack.....	"	8,980,868	1,463,791
Vegetable juices, canned.....	—	—	*
Vegetable peelers and slicers.....	—	—	*
Vehicles, children's.....	—	—	2,530,756
Vehicles, farm.....	—	—	*
Veils and veiling.....	—	—	259,687
Velvet.....	—	—	*
Veneer.....	M sq. ft.	247,162	6,793,738
Veneer logs.....	M ft. b.m.	21,071	1,121,407
Ventilators.....	—	—	1,636,516
Vests, woollen.....	No.	47,941	284,384
Vests, other.....	—	—	35,801
Vinegar, made for own use.....	imp. gal.	797,830	*
Vinegar for sale—			
Spirit.....	"	5,569,602	2,398,487
Cider.....	"	599,313	229,534
Malt.....	"	352,380	208,149
Visors.....	—	—	121,355
Vitamin preparations.....	—	—	7,794,321
Waffle irons.....	No.	22,820	171,930
Wagons (included in "Carriages and wagons")			
Wall board, gypsum.....	sq. ft.	237,700,167	7,213,425

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit Measure	Quantity	Value \$
Wall board, paper (see "Paper board")			
Wall plaster, gypsum	ton	159,253	2,638,295
Wall plaster, other	—	—	257,571
Wardrobes, wall board	—	—	537,744
Washboards	No.	283,126	128,444
Washers, leather	doz.	1,451,108	127,135
Washers and gaskets, iron, steel, etc.	—	—	1,136,698
Washing compounds	—	—	317,483
Waste, cotton, wool and jute	—	—	6,757,921
Waste, wood	—	—	203,376
Waste, other, not specified	—	—	509,576
Watches, watch cases, etc.	—	—	1,703,265
Water, aerated	gal.	85,668,714	57,349,028
Water, distilled	—	266,199	45,337
Water, mineral, natural	"	605,889	103,799
Waterproofing of fabrics	—	—	272,965
Waterproofing preparations	—	—	245,191
Wax and wax compounds, all kinds	—	—	4,084,332
Wax, sealing	—	—	*
Weatherstrip	—	—	377,555
Weaving, custom	—	—	1,309,077
Webbing, elastic and non-elastic	—	—	2,780,648
Webbing, not specified	—	—	78,655
Weeders	No.	2,712	341,003
Weed killer	—	—	1,801,696
Welding apparatus with control equipment and accessories	—	—	2,901,097
Welding compounds and fluxes	—	—	36,335
Welding rods and welding wires	—	—	1,315,259
Welting	yd.	9,654,646	819,602
Wheat germ	—	—	*
Wheelbarrows and parts	—	—	519,071
Wheels, automobile	—	—	*
Wheels, railway car	—	—	6,437,217
Wheels, not specified	—	—	209,597
Whips	No.	23,616	13,293
Whiskies (see "Spirits")			
Whisks	doz.	46,145	159,805
Windmills	—	—	*
Wine, sold during the year	gal.	4,244,794	9,576,459
Wine, produced and placed in storage for maturing	"	5,038,621	3,299,825
Wine, not specified	—	—	*
Wine, spirits	—	—	*
Wiping cloths and rags, washed and sterilized	lb.	9,764,678	2,508,642
Wiping cloths and rags, other	—	—	1,191,130
Wire, barbed—			
Quantity made	ton	9,306	
Quantity sold	"	9,128	1,104,935
Wire, cold rolled, flat, all sizes—			
Quantity made	"	1,909	
Quantity sold	"	1,280	274,509
Wire, galvanized—			
Quantity made	"	63,258	
Quantity sold	"	28,374	3,674,267
Wire, plain—			
Quantity made	"	246,461	
Quantity sold	"	58,252	6,346,971
Wire, iron and steel, other, coated—			
Quantity made	"	4,071	
Quantity sold	"	2,596	397,015
Wire, strand, twisted—			
Quantity made	"	3,772	
Quantity sold	"	3,857	955,473
Wire and cable, electrical	—	—	85,234,089
Wire rope and cable, not specified	—	—	10,589,197
Wire, brass and copper	—	—	
Wire, gold filled and alloys	—	—	605,763
Wire cloth, brass and bronze	—	—	
Wire cloth, iron and steel, including screen cloth	sq. ft.	5,033,361	4,335,563
Wire cloth, monel metal	—	—	2,846,203
Wire mesh, steel woven, welded, etc.	—	—	*
Wire goods, not specified	ton	9,512	1,381,176
Wiring devices, not elsewhere specified	—	—	3,430,715
Wooden products, not specified	—	—	10,849,473
	—	—	2,893,927

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Con.

Items	Unit of Measure	Quantity	Value
			\$
Wood flour.....	ton	470	11,210
Woodenware, kitchen.....	—	—	451,839
Woodenware, not specified.....	—	—	277,508
Wood preservation.....	—	—	*
Wood preservatives.....	—	—	291,441
Wood turning, not specified.....	—	—	500,956
Woodwork, sanitary.....	—	—	499,406
Wool, raw and unmanufactured.....	—	—	6,917,001
Woollen cloth, woven—			
All wool, woollen.....	yd.	15,693,559	31,740,906
All wool, worsted.....	"	5,633,763	21,763,536
Woollen and worsted mixed.....	"	799,884	1,724,562
Cotton warp, worsted.....	"	—	*
Cotton warp, woollen.....	yd.	203,486	1,133,942
Other woollen and mixtures.....	"	3,067,814	5,122,889
Woven goods, not specified.....	—	—	57,321
Wrappers, waxed (included in "Paper, waxed")	—	—	1,105,114
Wrappers, paper, other than waxed.....	—	—	2,909,789
Wrappers, printed.....	—	—	1,146,803
Wringers, clothes.....	No.	128,350	
Xylenols, high boiling.....	—	—	*
Yarns, spun for sale—			
Cotton.....			
Grey, knitting.....	lb.	17,347,380	12,005,607
Grey, weaving, singles.....	"	12,132,013	7,598,590
Grey, weaving, plied.....	"	12,243,039	8,258,945
Bleached, knitting.....	"	331,905	306,977
Bleached, other.....	"	168,097	138,100
Coloured, knitting.....	"	3,809,391	3,239,381
Coloured, other.....	"	2,226,440	1,617,755
Other.....	"	4,787,902	3,321,438
Cotton and wool mixed—			
Grey.....	"	558,519	596,832
Bleached and coloured.....	"	23,784	31,159
Silk and mixtures.....	"	39,332	30,355
Synthetic, singles.....	"	17,783,834	17,412,164
Nylon and rayon, thrown.....	"	4,612,913	7,708,970
Spun rayon and mixtures.....	"	4,041,549	3,478,780
Woollen—			
Hand knitting.....	"	892,387	1,859,415
Machine knitting.....	"	5,116,793	4,819,778
Weaving.....	"	1,734,811	1,217,639
Carpet.....	"	1,834,029	1,337,707
Worsted, oil spun—			
Hand knitting.....	"	3,456,142	8,686,487
Machine knitting.....	"	5,615,523	11,300,731
Weaving.....	"	774,809	1,557,313
Carpet.....	"	268,864	349,569
Worsted, dry spun—			
Knitting.....	"	1,384,393	3,441,654
Yarns, not specified.....	"	949,508	1,753,895
Yeast, dry (bakers', etc.).....	"	1,064,294	1,478,862
Yeast, dry (brewers').....	"	1,385,431	111,746
Yeast, fresh (for sale).....	"	21,886,001	3,452,405
Yeast, made for own use in breweries.....	"	2,503,640	—
Yeast food, bread improver, etc.....	"	4,581,281	517,286
Yoghourt.....	gal.	10,578	31,954
Zinc, refined, zinc alloys, etc.....	—	—	1,520,158
Zinc chloride.....	—	—	*
Zinc naphthenate.....	—	—	*
Zinc oxide and zinc dust.....	—	—	*
Zinc white, ground in oil.....	—	—	*
Zinc products, not specified.....	—	—	159,655

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1948—Conc.

Items	Unit of Measure	Quantity	Value
			\$
Manufactured food products, packaged only.....	lb.	13,299,470	2,240,480
Amount received by clothing contractors.....	—	—	10,389,555
Inter-company transfers.....	—	—	3,607,198
All other products not specified—			
Vegetable products group.....	—	—	1,502,383
Animal products group.....	—	—	5,482,372
Textile products group.....	—	—	1,322,054
Wood and paper products group.....	—	—	5,777,131
Iron and steel products group.....	—	—	100,170,642
Non-ferrous metal products group.....	—	—	18,691,876
Non-metallic mineral products group.....	—	—	9,697,747
Chemicals and chemical products group.....	—	—	13,321,744
Miscellaneous products group.....	—	—	3,367,341
Custom work and repairs—			
Vegetable products group.....	—	—	911,496
Animal products group.....	—	—	1,094,949
Textile products group.....	—	—	7,811,637
Wood and paper products group.....	—	—	7,400,761
Iron and steel products group.....	—	—	146,840,994
Non-ferrous metal products group.....	—	—	5,697,894
Non-metallic mineral products group.....	—	—	234,552
Miscellaneous products group.....	—	—	5,729,297
Products which were reported by only one or two firms and for which figures cannot be shown separately.....	—	—	386,067,508
Total value of products listed.....	—	—	12,220,503,514
Adjustments due to valuation of intermediate products, excise taxes, etc.....	—	—	343,713,502
Total.....	—	—	11,876,790,012

NOTE.—The asterisk indicates that the commodity was reported by only one or two concerns.

† Footnote for page 140: Does not include fabrics dyed or bleached by firms maintaining a dyeing and finishing department of their own.

CANADA

LIST OF PUBLICATIONS, CENSUS OF MANUFACTURES; 1948.

- (1) General—General Report on the Manufacturing Industries of Canada with appendix giving Alphabetical List of Products, Geographical Distribution of the Manufacturing Industries of Canada; also Reports for the Provinces and Leading Cities; Monthly Report on Inventories.
- (2) Manufactures of Vegetable Products—Biennial General Report on Manufactures of Vegetable Products. Annual Bulletins as follows: (*a*) Coffee, Tea, Spices and Miscellaneous Foods; (*b*) Fruit and Vegetable Preparations, including Canning, Evaporating and Preserving, and Pickles, Sauces, Vinegar and Cider; (*c*) Flour and Feed Mill Products; (*d*) Bread and other Bakery Products; (*e*) Biscuits; (*f*) Confectionery, including Cocoa and Chocolate; (*g*) Macaroni, Vermicelli, etc.; (*h*) Distilled Liquors; (*i*) Breweries; (*j*) Wine; (*k*) Rubber Goods, including Rubber Boots and Shoes; (*l*) Prepared Breakfast Foods; (*m*) Sugar Refineries; (*n*) Tobacco Products; (*o*) Individual Pack of Major Fruits and Vegetables; (*p*) Canned Foods; (*q*) Preliminary Pack of Canned Fruits and Vegetables, by completed packs; (*r*) Aerated Waters; (*s*) Stock and Poultry Feeds. Quarterly Reports: (*a*) Stocks of Unmanufactured Tobacco; (*b*) Stocks of Canned Fruits and Vegetables (Honey); (*c*) Processed Foods. Monthly Reports: (*a*) Production, Consumption and Inventories of Rubber; (*b*) Production of Rubber Footwear; (*c*) Shipments and Stocks of Prepared Stock and Poultry Feeds.
- (3) Animal Products and their Manufactures—Annual Reports and Bulletins as follows: (*a*) The Dairy Factory Industry; (*b*) Processed Cheese; (*c*) Fish Processing (contained in annual Fisheries Statistics); (*d*) Slaughtering and Meat Packing and Sausage and Sausage Casings; (*e*) Leather Tanneries; (*f*) Leather Belting, Boot and Shoe Findings and Miscellaneous Leather Goods; (*g*) Leather Boots and Shoes; (*h*) Leather Gloves and Mittens; (*i*) Fur Goods, Fur Dressing. Monthly Bulletin on Leather Footwear Production.
- (4) Textiles and Allied Industries—Biennial General Report on the Textile Industries of Canada. Annual Bulletins as follows: (*a*) Cotton Textiles (cloth, yarn, thread and waste); (*b*) Woollen Textiles (cloth, yarn, waste, carpets and woollen goods, n.e.s.); (*c*) Synthetic Textiles and Silk; (*d*) Men's Factory Clothing incl. Men's Furnishings; (*e*) Women's Factory Clothing; (*f*) Hats and Caps; (*g*) Hosiery and Knitted Goods; (*h*) Oiled and Waterproofed Clothing; (*i*) Cordage, Rope and Twine; (*j*) Corsets; (*k*) Cotton and Jute Bags; (*l*) Dyeing and Finishing of Textiles; (*m*) Awnings, Tents and Sails. Quarterly Report on the Production of Clothing.
- (5) Manufactures of Forestry Products — Annual Reports: (*a*) Lumber; (*b*) Pulp and Paper; (*c*) Wood-Using Industries; (*d*) Planing Mills and Sash and Door Factories; (*e*) Hardwood Flooring; (*f*) Furniture; (*g*) Veneers and

Plywoods; (*h*) Printing Trades (comprising the following industries, Printing and Publishing; Printing and Bookbinding; Lithographing; Engraving, Stereotyping and Electrotyping; Trade Composition and Blue Printing); (*i*) Paper Boxes and Bags; (*j*) Roofing Paper. Stencilled annual bulletins: (*a*) Lumber (series of 10 provincial summaries); (*b*) Boxes and Baskets; (*c*) Carriages, Sleighs and Vehicle Supplies; (*d*) Cooperage; (*e*) Coffins and Caskets; (*f*) Boatbuilding; (*g*) Lasts, Trees and Wooden Shoe Findings; (*h*) Wood-turning; (*i*) Woodenware; (*j*) Excelsior; (*k*) Beekeepers' and Poultrymen's Supplies; (*l*) Wooden Refrigerators; (*m*) Miscellaneous Wood-Using Industries; (*n*) Miscellaneous Paper Goods. Monthly Reports; (*a*) Production, Shipments and Stocks on Hand of Sawmills East of the Rockies; (*b*) Production, Shipments and Stocks on Hand of Sawmills in British Columbia. Monthly Bulletins: (*a*) Asphalt Roofing Production and Sales; (*b*) Rigid Insulating Board Production and Sales; (*c*) Asphalt Floor Tiles Production and Sales.

- (6) Iron and Steel and their Products—Annual Bulletins as follows: Preliminary Summary on the Iron and Steel Industry. (*a*) Primary Iron and Steel; (*b*) Iron Castings; (*c*) Heating and Cooking Apparatus (except boilers and radiators); (*d*) Boilers, Tanks and Plate Work; (*e*) Farm Implements and Machinery; (*f*) Machinery; (*g*) Automobiles; (*h*) Automobile Parts; (*i*) Bicycles; (*j*) Railway Rolling Stock; (*k*) Wire and Wire Goods; (*l*) Sheet Metal Products; (*m*) Hardware, Tools and Cutlery; (*n*) Bridge Building and Structural Steel Work; (*o*) Shipbuilding and Ship Repairs; (*p*) Aircraft; (*q*) Miscellaneous Iron and Steel Products. Commodity Bulletins on Washing Machines; Cream Separators; Warm Air Furnaces; Stoves, etc. Monthly Bulletins: (*a*) Pig Iron, Steel Ingots and Castings; (*b*) Steel Ingots; (*c*) Motor Vehicle Shipments; (*d*) Domestic Washing Machines; (*e*) Wire Nails; (*f*) Steel Wire; (*g*) Wire Fencing; (*h*) Primary Iron and Steel.
- (7) Manufactures of Non-Ferrous Metals—Annual Bulletins as follows: Preliminary Summary on Manufactures of Non-Ferrous Metals. (*a*) Aluminium Products; (*b*) Brass and Copper Products; (*c*) White Metal Alloys; (*d*) Jewellery and Silverware; (*e*) Electrical Apparatus and Supplies; (*f*) Non-Ferrous Metal Smelting and Refining; (*g*) Miscellaneous Non-Ferrous Metal Goods. Monthly Reports on: (*a*) Sales of Radio Sets; (*b*) Sales of Storage Batteries; (*c*) Domestic Electric Refrigerators; (*d*) Dealers' Report on Non-Ferrous Scrap Metal; (*e*) Ingot Makers' Monthly Report. Commodity Bulletins on the Production of Vacuum Cleaners; Specified Electrical Appliances and Domestic Electric Refrigerators.
- (8) Manufactures of the Non-metallic Minerals—Annual Bulletins as follows: Preliminary Summary on Manufactures of Non-Metallic Minerals: (*a*) Asbestos Products; (*b*) Cement; (*c*) Cement Products; (*d*) Coke and Gas; (*e*) Glass Products; (*f*) Lime; (*g*) Petroleum Products; (*h*) Clay Products; (*i*) Salt; (*j*) Sand-lime Brick; (*k*) Stone; (*l*) Artificial Abrasives; (*m*) Gypsum and Gypsum Products; (*n*) Miscellaneous Non-Metallic Mineral Products,

including Carbon Electrodes—Mica Products—Non-Metallic Minerals, n.e.s. Also Special Reports on: (a) Sales of Anti-freeze preparations; (b) Consumption of Coke in Canada; (c) Consumption of Petroleum Fuels in Canada; (d) Sales of Lubricating Oils in Canada. Monthly bulletins on: (a) Coal and Coke Statistics; (b) Sales of Manufactured and Natural Gas; (c) Rock Wool Sales; (d) Gypsum Products; (e) Concrete Blocks and Concrete Pipe; (f) Refined Petroleum Products.

- (9) Chemicals and Allied Products—Annual Bulletins as follows: Preliminary Summary on Chemicals and Allied Products: (a) Coal Tar Distillation; (b) Acids, Alkalies and Salts; (c) Compressed Gases; (d) Fertilizers; (e) Medicinal and Pharmaceutical Preparations; (f) Paints and Varnishes; (g) Soaps, Cleaning Preparations and Washing Compounds; (h) Toilet Preparations; (i) Inks; (j) Adhesives; (k) Polishes and Dressings; (l) Primary Plastics; (m) Miscellaneous Chemical Products, including Boiler Compounds; Insecticides; Sweeping Compounds; Hardwood Distillation; Disinfectants; Matches; Dyes and Colours; Explosives, ammunition and fireworks; Chemical Products, n.e.s. Special Reports on the Fertilizer Trade in Canada. Monthly Report on Sales of Paints, Varnishes and Lacquers. Commodity Bulletins on Sulphuric Acid, Ammonium Sulphate, etc. Special Report—Directory of Chemical Industries in Canada. Special Report on the Consumption of Chemicals in Municipal Waterworks. Special Report on Sales of Pest Control Products.
- (10) Miscellaneous Manufactures—General Report. Annual Bulletins as follows: (a) Brooms, Brushes and Mops; (b) Musical Instruments (including pianos, organs and phonographs) and Musical Instrument Materials and Parts; (c) Buttons; (d) Sporting Goods. Monthly Statement on Production and Sale of Phonograph Records.

Government
Publications

BINDING SECT. JUN 9 1978

Government
Publications

